

## NESHAMINY CREEK BASIN

01464907 LITTLE NESHAMINY CREEK AT VALLEY ROAD NEAR NESHAMINY, PA  
(National Water-Quality Assessment Station)

**LOCATION.**--Lat 40°13'45", long 75°07'12", Bucks County, Hydrologic Unit 02040201, on left bank just upstream from bridge on Valley Road, 6.8 mi upstream from confluence with Neshaminy Creek, 3.0 mi downstream from Bradford Dam, 2.0 mi downstream from Park Creek, and 1.1 mi east of Neshaminy.

**DRAINAGE AREA.**--26.8 mi<sup>2</sup>.

## WATER-DISCHARGE RECORDS

**PERIOD OF RECORD.**--November 1998 to current year.

**REVISED RECORDS.**--WDR PA-01-1: 1999, 2000 (P).

**GAGE.**--Water stage recorder and crest-stage gage. Datum of gage is 190.42 ft above National Geodetic Vertical Datum of 1929.

**REMARKS.**--Records good except those for estimated daily discharges, which are poor. Satellite and landline telemetry at station.

**EXTREMES FOR CURRENT YEAR.**--Peak discharges greater than a base discharge of 1,600 ft<sup>3</sup>/s and maximum(\*):

| Date   | Time | Discharge<br>ft <sup>3</sup> /s | Gage Height<br>(ft) | Date    | Time | Discharge<br>ft <sup>3</sup> /s | Gage Height<br>(ft) |
|--------|------|---------------------------------|---------------------|---------|------|---------------------------------|---------------------|
| June 4 | 1100 | 1,700                           | 6.02                | June 20 | 1815 | *1,840                          | *6.20               |

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003  
DAILY MEAN VALUES

| DAY   | OCT   | NOV  | DEC  | JAN  | FEB    | MAR  | APR  | MAY   | JUN  | JUL   | AUG    | SEP    |
|-------|-------|------|------|------|--------|------|------|-------|------|-------|--------|--------|
| 1     | 6.2   | 29   | 17   | 381  | e13    | 25   | 32   | 12    | 53   | 14    | 44     | 13     |
| 2     | 5.0   | 25   | 15   | 218  | e12    | 290  | 33   | 12    | 29   | 13    | 41     | 47     |
| 3     | 4.4   | 16   | 14   | 110  | e11    | 200  | 27   | 11    | 19   | 13    | 12     | 54     |
| 4     | 4.4   | 13   | 14   | 112  | e11    | 65   | 25   | 9.6   | 779  | 12    | 34     | 65     |
| 5     | 6.4   | 12   | 16   | 60   | e14    | 215  | 25   | 9.9   | 304  | 9.9   | 100    | 38     |
| 6     | 6.9   | 62   | 15   | 58   | e10    | 391  | 22   | 11    | 75   | 9.4   | 58     | 20     |
| 7     | 5.2   | 26   | 12   | 51   | e10    | 112  | 24   | 11    | 223  | 9.3   | 22     | 15     |
| 8     | 4.7   | 17   | 13   | 50   | e9.5   | 104  | 39   | 49    | 129  | 12    | 51     | 12     |
| 9     | 3.4   | 14   | 12   | 54   | e9.0   | 254  | 145  | 17    | 60   | 8.7   | 197    | 11     |
| 10    | 6.1   | 12   | 11   | 38   | e9.0   | 97   | 85   | 15    | 41   | 9.5   | 209    | 9.1    |
| 11    | 156   | 15   | 228  | e27  | e8.5   | 52   | 138  | 13    | 31   | 12    | 72     | 8.3    |
| 12    | 69    | 116  | 328  | e22  | e8.0   | 64   | 140  | 12    | 47   | 9.6   | 44     | 7.7    |
| 13    | 22    | 102  | 148  | e19  | e8.0   | 89   | 62   | 11    | 246  | 7.5   | 25     | 38     |
| 14    | 14    | 36   | 421  | e18  | e7.5   | 76   | 42   | 9.2   | 246  | 6.5   | 19     | 175    |
| 15    | 9.9   | 24   | 92   | e17  | e7.5   | 54   | 35   | 8.2   | 76   | 6.6   | 15     | 224    |
| 16    | 43    | 41   | 54   | e17  | e7.0   | 58   | 31   | 9.2   | 44   | 5.6   | 13     | 151    |
| 17    | 43    | 443  | 35   | e16  | e7.0   | 68   | 26   | 18    | 33   | 4.9   | 12     | 40     |
| 18    | 17    | 247  | 28   | e16  | e10    | 51   | 23   | 11    | 150  | 5.5   | 11     | 26     |
| 19    | 12    | 58   | 25   | e15  | e12    | 37   | 22   | 9.5   | 73   | 8.6   | 9.2    | 331    |
| 20    | 10    | 37   | 142  | e15  | e14    | 221  | 19   | 8.5   | 917  | 5.7   | 8.2    | 54     |
| 21    | 8.5   | 30   | 68   | e14  | e16    | 304  | 18   | 11    | 534  | 5.7   | 7.7    | 31     |
| 22    | 7.6   | 78   | 38   | e13  | e400   | 80   | 19   | 11    | 107  | 136   | 7.1    | 24     |
| 23    | 7.4   | 52   | 30   | e13  | 733    | 51   | 17   | 11    | 67   | 18    | 11     | 283    |
| 24    | 7.0   | 29   | 25   | e12  | 211    | 40   | 15   | 15    | 47   | 63    | 7.3    | 66     |
| 25    | 6.8   | 24   | 163  | e11  | 89     | 34   | 14   | 13    | 37   | 18    | 6.2    | 35     |
| 26    | 102   | 21   | 96   | e11  | 50     | 35   | 27   | 409   | 29   | 11    | 5.7    | 27     |
| 27    | 25    | 39   | 59   | e11  | 34     | 46   | 21   | 69    | 24   | 8.7   | 18     | 40     |
| 28    | 14    | 30   | 45   | e10  | 28     | 30   | 16   | 36    | 20   | 7.7   | 15     | 133    |
| 29    | 16    | 23   | 40   | e10  | ---    | 29   | 14   | 27    | 18   | 6.5   | 7.3    | 47     |
| 30    | 107   | 20   | 40   | e10  | ---    | 43   | 13   | 20    | 15   | 5.5   | 54     | 29     |
| 31    | 86    | ---  | 47   | e10  | ---    | 47   | ---  | 17    | ---  | 4.9   | 30     | ---    |
| TOTAL | 835.9 | 1691 | 2291 | 1439 | 1759.0 | 3262 | 1169 | 906.1 | 4473 | 468.3 | 1165.7 | 2054.1 |
| MEAN  | 27.0  | 56.4 | 73.9 | 46.4 | 62.8   | 105  | 39.0 | 29.2  | 149  | 15.1  | 37.6   | 68.5   |
| MAX   | 156   | 443  | 421  | 381  | 733    | 391  | 145  | 409   | 917  | 136   | 209    | 331    |
| MIN   | 3.4   | 12   | 11   | 10   | 7.0    | 25   | 13   | 8.2   | 15   | 4.9   | 5.7    | 7.7    |
| CFSM  | 1.01  | 2.10 | 2.76 | 1.73 | 2.34   | 3.93 | 1.45 | 1.09  | 5.56 | 0.56  | 1.40   | 2.55   |
| IN.   | 1.16  | 2.35 | 3.18 | 2.00 | 2.44   | 4.53 | 1.62 | 1.26  | 6.21 | 0.65  | 1.62   | 2.85   |

## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2003, BY WATER YEAR (WY)

|      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MEAN | 17.4 | 26.2 | 36.9 | 41.8 | 46.0 | 78.1 | 34.0 | 32.0 | 82.0 | 13.4 | 25.7 | 61.7 |
| MAX  | 27.0 | 56.4 | 73.9 | 71.2 | 68.4 | 105  | 44.7 | 46.8 | 211  | 34.2 | 47.5 | 174  |
| (WY) | 2003 | 2003 | 2003 | 1999 | 2001 | 2003 | 2000 | 2002 | 2001 | 2000 | 2000 | 1999 |
| MIN  | 3.22 | 3.40 | 2.47 | 17.8 | 9.04 | 38.3 | 15.4 | 13.3 | 3.06 | 1.40 | 5.41 | 11.2 |
| (WY) | 2002 | 2002 | 1999 | 2002 | 2002 | 2002 | 2002 | 1999 | 1999 | 1999 | 2002 | 2002 |

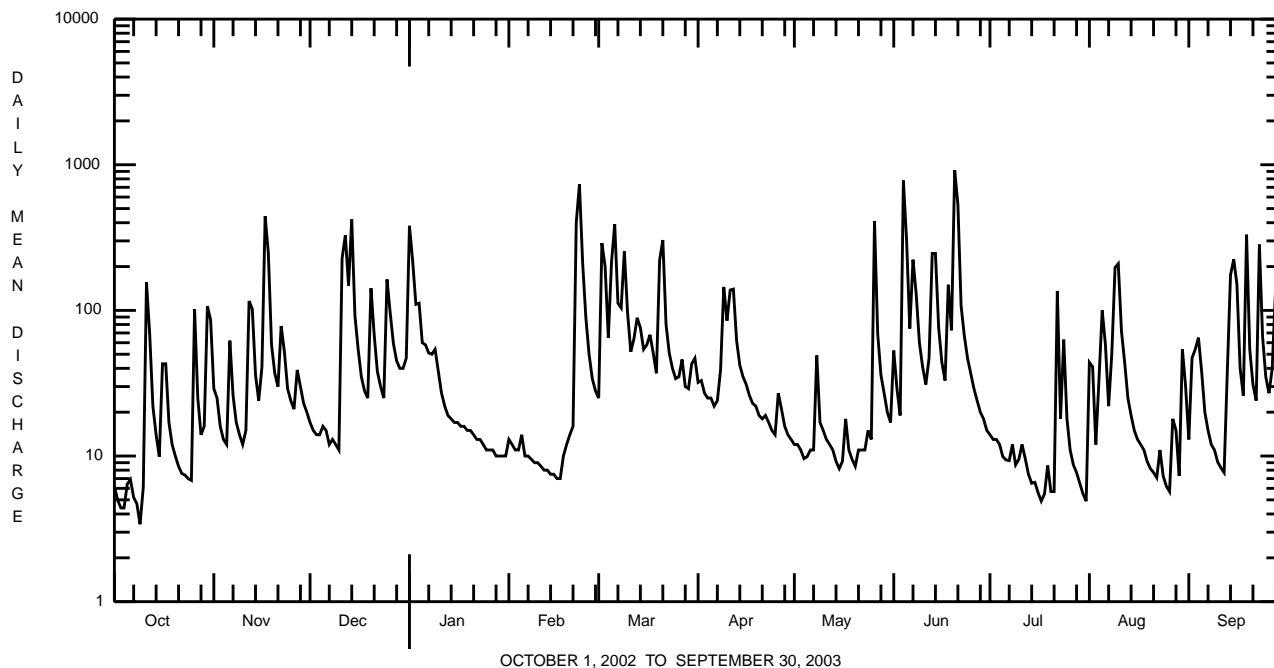
e Estimated.

NESHAMINY CREEK BASIN

01464907 LITTLE NESHAMINY CREEK AT VALLEY ROAD NEAR NESHAMINY, PA--Continued

| SUMMARY STATISTICS       | FOR 2002 CALENDAR YEAR |        | FOR 2003 WATER YEAR |        | WATER YEARS 1999 - 2003 |             |
|--------------------------|------------------------|--------|---------------------|--------|-------------------------|-------------|
| ANNUAL TOTAL             | 10246.53               |        | 21514.1             |        |                         |             |
| ANNUAL MEAN              | 28.1                   |        | 58.9                |        | 41.7                    |             |
| HIGHEST ANNUAL MEAN      |                        |        |                     |        | 58.9                    | 2003        |
| LOWEST ANNUAL MEAN       |                        |        |                     |        | 16.1                    | 2002        |
| HIGHEST DAILY MEAN       | 489                    | May 18 | 917                 | Jun 20 | 2830                    | Sep 16 1999 |
| LOWEST DAILY MEAN        | 0.87                   | Aug 1  | 3.4                 | Oct 9  | 0.24                    | Aug 2 1999  |
| ANNUAL SEVEN-DAY MINIMUM | 1.1                    | Aug 9  | 5.1                 | Oct 3  | 0.27                    | Aug 1 1999  |
| MAXIMUM PEAK FLOW        |                        |        | a1840               | Jun 20 | a11300                  | Jun 16 2001 |
| MAXIMUM PEAK STAGE       |                        |        | 6.20                | Jun 20 | b14.57                  | Jun 16 2001 |
| INSTANTANEOUS LOW FLOW   |                        |        | 2.8                 | Oct 9  | 0.15                    | Aug 8 1999  |
| ANNUAL RUNOFF (CFSM)     | 1.05                   |        | 2.20                |        | 1.56                    |             |
| ANNUAL RUNOFF (INCHES)   | 14.22                  |        | 29.86               |        | 21.13                   |             |
| 10 PERCENT EXCEEDS       | 67                     |        | 146                 |        | 80                      |             |
| 50 PERCENT EXCEEDS       | 10                     |        | 24                  |        | 14                      |             |
| 90 PERCENT EXCEEDS       | 2.1                    |        | 7.7                 |        | 3.4                     |             |

a From rating curve extended above 758 ft<sup>3</sup>/s on basis of contracted-opening measurements at gage height 11.68 and at peak flow.  
 b From outside high-water mark.



## NESHAMINY CREEK BASIN

01464907 LITTLE NESHAMINY CREEK AT VALLEY ROAD NEAR NESHAMINY, PA--Continued  
(National Water-Quality Assessment Station)

## WATER-QUALITY RECORDS

PERIOD OF RECORD.--November 1998 to current year.

REMARKS.--These samples were collected as part of the Delaware River Basin National Water-Quality Assessment Program (DELR NAWQA). For the definition of the type of quality-control data listed under SAMPLE TYPE refer to "Water-Quality-Control Data" in the "Introduction".

## WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

| Date      | Time | Sample type     | Instantaneous discharge, cfs (00061) | Turbidity, water, unfltrd field, NTU (61028) | Barometric pressure, mm Hg (00025) | Dissolved oxygen, mg/L (00300) | Dissolved oxygen, percent of saturation (00301) | pH, water, unfltrd field, std units (00400) | Specific conductance, wat unfltrd 25 degC (00095) | Temperature, air, deg C (00020) | Temperature, water, deg C (00010) |
|-----------|------|-----------------|--------------------------------------|----------------------------------------------|------------------------------------|--------------------------------|-------------------------------------------------|---------------------------------------------|---------------------------------------------------|---------------------------------|-----------------------------------|
| NOV 01... | 1210 | Environmental   | 27                                   | 12                                           | 755                                | 12.7                           | 108                                             | 8.2                                         | 353                                               | --                              | 8.0                               |
| 01...     | 1211 | Split Replicate | --                                   | --                                           | --                                 | --                             | --                                              | --                                          | --                                                | --                              | --                                |
| DEC 09... | 0950 | Environmental   | 11                                   | --                                           | 772                                | 14.9                           | 102                                             | 8.0                                         | 701                                               | -3.0                            | 0.5                               |
| JAN 08... | 1320 | Environmental   | 45                                   | --                                           | 740                                | 14.3                           | 113                                             | 7.9                                         | 869                                               | 6.0                             | 4.0                               |
| MAR 07... | 0940 | Environmental   | 100                                  | 15                                           | 768                                | 14.6                           | 100                                             | 7.5                                         | 557                                               | -2.0                            | 0.4                               |
| APR 08... | 0940 | Environmental   | 35                                   | 3.4                                          | 764                                | 12.9                           | 100                                             | 7.4                                         | 655                                               | 1.5                             | 4.6                               |
| MAY 08... | 1200 | Environmental   | 40                                   | 21                                           | 752                                | 7.7                            | 81                                              | 7.4                                         | 471                                               | 18.0                            | 16.8                              |
| JUN 06... | 1010 | Environmental   | 75                                   | 22                                           | 755                                | 9.5                            | 97                                              | 7.5                                         | 369                                               | 21.0                            | 15.7                              |
| JUL 02... | 1230 | Environmental   | 12                                   | --                                           | 756                                | 11.6                           | 138                                             | 8.1                                         | 543                                               | 30.5                            | 23.3                              |
| SEP 05... | 0930 | Environmental   | 38                                   | 14                                           | 755                                | 8.2                            | 91                                              | 7.4                                         | 376                                               | 21.5                            | 20.0                              |

| Date      | Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086) | Bicarbonate, wat flt incrm. titr., field, mg/L (00453) | Chloride, water, fltrd, mg/L (00940) | Sulfate water, fltrd, mg/L (00945) | Ammonia + org-N, water, unfltrd mg/L as N (00625) | 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) | Orthophosphate, water, fltrd, mg/L as P (00671) | Phosphorus, water, unfltrd mg/L (00665) | Suspended sediment concentration mg/L (80154) | Suspended sediment load, tons/d (80155) |
|-----------|----------------------------------------------------------|--------------------------------------------------------|--------------------------------------|------------------------------------|---------------------------------------------------|-----------------------------------------|--------------------------------------------------|-----------------------------------------|-------------------------------------------------|-----------------------------------------|-----------------------------------------------|-----------------------------------------|
| NOV 01... | 93                                                       | 113                                                    | 31.4                                 | 38.1                               | 0.55                                              | <0.04                                   | 1.58                                             | 0.009                                   | 0.06                                            | 0.167                                   | 9                                             | 0.69                                    |
| 01...     | 92                                                       | 111                                                    | 32.4                                 | 37.9                               | 0.55                                              | <0.04                                   | 1.61                                             | 0.009                                   | 0.06                                            | 0.114                                   | 9                                             | --                                      |
| DEC 09... | 121                                                      | 147                                                    | 96.6                                 | 51.4                               | 0.34                                              | E.04                                    | 2.56                                             | 0.014                                   | 0.06                                            | 0.104                                   | 4                                             | 0.12                                    |
| JAN 08... | 82                                                       | 100                                                    | 179                                  | 39.4                               | 0.27                                              | E.03                                    | 2.00                                             | 0.029                                   | 0.06                                            | 0.090                                   | 3                                             | 0.40                                    |
| MAR 07... | 48                                                       | 58                                                     | 126                                  | 18.7                               | 0.64                                              | 0.22                                    | 0.97                                             | 0.012                                   | 0.03                                            | 0.083                                   | 13                                            | 3.4                                     |
| APR 08... | 93                                                       | 118                                                    | 122                                  | 37.0                               | 0.63                                              | 0.26                                    | 1.19                                             | 0.070                                   | E.01                                            | 0.041                                   | 6                                             | 0.56                                    |
| MAY 08... | 78                                                       | 95                                                     | 72.0                                 | 29.0                               | 0.94                                              | 0.05                                    | 0.81                                             | 0.073                                   | 0.02                                            | 0.134                                   | 25                                            | 2.7                                     |
| JUN 06... | 88                                                       | 107                                                    | 42.0                                 | 28.5                               | 0.65                                              | E.02                                    | 1.34                                             | 0.017                                   | 0.04                                            | 0.119                                   | 18                                            | 3.6                                     |
| JUL 02... | 105                                                      | 125                                                    | 72.6                                 | 38.2                               | 0.39                                              | <0.04                                   | 1.54                                             | 0.008                                   | 0.06                                            | 0.089                                   | 2                                             | 0.06                                    |
| SEP 05... | 76                                                       | 92                                                     | 34.2                                 | 27.8                               | 0.70                                              | E.03                                    | 0.86                                             | 0.019                                   | 0.07                                            | 0.128                                   | 13                                            | 1.3                                     |

Remark codes used in this table:

&lt; -- Less than

E -- Estimated value

## NESHAMINY CREEK BASIN

## 01464907 LITTLE NESHAMINY CREEK AT VALLEY ROAD NEAR NESHAMINY, PA--Continued

## WATER-COLUMN PESTICIDE ANALYSES

REMARKS.--The following were determined using laboratory schedule 2001 (listed in its entirety, with laboratory reporting levels, on page 197). Only pesticides detected in one or more surface-water samples are listed in the following table.

## WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

| Date      | Time | Sample type   | 2,6-Di-ethyl-aniline water fltrd<br>0.7µ GF<br>µg/L<br>(82660) | CIAT, water, fltrd,<br>µg/L<br>(04040) | Aceto-chlor, water, fltrd,<br>µg/L<br>(49260) | Ala-chlor, water, fltrd,<br>µg/L<br>(46342) | alpha-HCH, water, fltrd,<br>µg/L<br>(34253) | Atra-zine, water, fltrd,<br>µg/L<br>(39632) | Azin-phos-methyl, water, fltrd<br>0.7µ GF<br>µg/L<br>(82686) | Ben-flur-alin, water, fltrd<br>0.7µ GF<br>µg/L<br>(82673) | Butyl-ate, water, fltrd,<br>µg/L<br>(04028) |
|-----------|------|---------------|----------------------------------------------------------------|----------------------------------------|-----------------------------------------------|---------------------------------------------|---------------------------------------------|---------------------------------------------|--------------------------------------------------------------|-----------------------------------------------------------|---------------------------------------------|
| NOV 01... | 1210 | Environmental | <0.006                                                         | E.008                                  | <0.006                                        | <0.004                                      | <0.005                                      | 0.011                                       | <0.050                                                       | <0.010                                                    | <0.002                                      |
| DEC 09... | 0950 | Environmental | <0.006                                                         | E.018                                  | <0.006                                        | <0.004                                      | <0.005                                      | 0.016                                       | <0.050                                                       | <0.010                                                    | <0.002                                      |
| JAN 08... | 1320 | Environmental | <0.006                                                         | E.014                                  | <0.006                                        | <0.004                                      | <0.005                                      | 0.015                                       | <0.050                                                       | <0.010                                                    | <0.002                                      |
| MAR 07... | 0940 | Environmental | <0.006                                                         | E.007                                  | <0.006                                        | <0.004                                      | <0.005                                      | 0.008                                       | <0.050                                                       | <0.010                                                    | <0.002                                      |
| APR 08... | 0940 | Environmental | <0.006                                                         | E.014                                  | <0.006                                        | <0.004                                      | <0.005                                      | 0.014                                       | <0.050                                                       | <0.010                                                    | <0.002                                      |
| MAY 08... | 1200 | Environmental | <0.006                                                         | E.027                                  | 0.017                                         | <0.004                                      | <0.005                                      | 0.044                                       | <0.050                                                       | <0.010                                                    | <0.002                                      |
| JUN 06... | 1010 | Environmental | <0.006                                                         | E.028                                  | 0.011                                         | 0.009                                       | <0.005                                      | 0.182                                       | <0.050                                                       | E.007                                                     | <0.005                                      |
| JUL 02... | 1200 | Field Blank   | <0.006                                                         | <0.006                                 | <0.006                                        | <0.004                                      | <0.005                                      | <0.007                                      | <0.050                                                       | <0.010                                                    | <0.002                                      |
| JUL 02... | 1230 | Environmental | <0.006                                                         | E.031                                  | E.005                                         | <0.008                                      | <0.005                                      | 0.045                                       | <0.050                                                       | <0.010                                                    | <0.002                                      |
| SEP 05... | 0930 | Environmental | <0.006                                                         | E.007                                  | <0.006                                        | <0.004                                      | <0.005                                      | 0.013                                       | <0.050                                                       | <0.010                                                    | <0.002                                      |

| Date      | Car-baryl, water, fltrd<br>0.7µ GF<br>µg/L<br>(82680) | Carbo-furan, water, fltrd<br>0.7µ GF<br>µg/L<br>(82674) | cis-Per-methrin water fltrd<br>0.7µ GF<br>µg/L<br>(82687) | DCPA, water fltrd<br>0.7µ GF<br>µg/L<br>(82682) | Desulf-inyl fipro-nil, water, fltrd,<br>µg/L<br>(62170) | Diazi-non, water, fltrd,<br>µg/L<br>(39572) | Diel-drin, water, fltrd,<br>µg/L<br>(39381) | EPTC, water, fltrd<br>0.7µ GF<br>µg/L<br>(82668) | Desulf-inyl-fipro-nil amide, wat flt<br>µg/L<br>(62169) | Fipro-nil sulfide water, fltrd,<br>µg/L<br>(62167) | Fipro-nil sulfone water, fltrd,<br>µg/L<br>(62168) | Fipro-nil, water, fltrd,<br>µg/L<br>(62166) | Malathion, water, fltrd,<br>µg/L<br>(39532) |
|-----------|-------------------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------|-------------------------------------------------|---------------------------------------------------------|---------------------------------------------|---------------------------------------------|--------------------------------------------------|---------------------------------------------------------|----------------------------------------------------|----------------------------------------------------|---------------------------------------------|---------------------------------------------|
| NOV 01... | E.033                                                 | <0.020                                                  | <0.006                                                    | <0.003                                          | <0.004                                                  | 0.016                                       | <0.005                                      | <0.002                                           | <0.009                                                  | <0.005                                             | <0.005                                             | E.010                                       | <0.027                                      |
| DEC 09... | <0.041                                                | <0.020                                                  | <0.006                                                    | <0.003                                          | <0.004                                                  | <0.005                                      | <0.005                                      | <0.002                                           | <0.009                                                  | <0.005                                             | <0.005                                             | E.009                                       | <0.027                                      |
| JAN 08... | <0.041                                                | <0.020                                                  | <0.006                                                    | <0.003                                          | <0.004                                                  | <0.005                                      | <0.005                                      | <0.002                                           | <0.009                                                  | <0.005                                             | <0.005                                             | <0.007                                      | <0.027                                      |
| MAR 07... | <0.041                                                | <0.020                                                  | <0.006                                                    | <0.003                                          | <0.004                                                  | <0.005                                      | <0.005                                      | <0.002                                           | <0.009                                                  | <0.005                                             | <0.005                                             | <0.007                                      | <0.027                                      |
| APR 08... | <0.041                                                | <0.020                                                  | <0.006                                                    | <0.003                                          | <0.004                                                  | <0.005                                      | <0.005                                      | <0.002                                           | <0.009                                                  | <0.005                                             | <0.005                                             | E.007                                       | <0.027                                      |
| MAY 08... | E.012                                                 | <0.020                                                  | <0.006                                                    | E.002                                           | <0.004                                                  | 0.014                                       | <0.005                                      | <0.002                                           | <0.009                                                  | <0.005                                             | <0.005                                             | <0.007                                      | <0.027                                      |
| JUN 06... | E.053                                                 | <0.020                                                  | <0.006                                                    | <0.003                                          | <0.004                                                  | 0.013                                       | <0.005                                      | <0.002                                           | <0.009                                                  | <0.005                                             | <0.005                                             | E.012                                       | <0.027                                      |
| JUL 02... | <0.041                                                | <0.020                                                  | <0.006                                                    | <0.003                                          | <0.004                                                  | <0.005                                      | <0.005                                      | <0.002                                           | <0.009                                                  | <0.005                                             | <0.005                                             | <0.007                                      | <0.027                                      |
| JUL 02... | E.122                                                 | <0.020                                                  | <0.006                                                    | <0.003                                          | E.003                                                   | E.007                                       | <0.005                                      | <0.002                                           | <0.009                                                  | <0.005                                             | <0.005                                             | <0.007                                      | <0.027                                      |
| SEP 05... | E.116                                                 | <0.020                                                  | <0.006                                                    | <0.003                                          | <0.004                                                  | 0.010                                       | <0.005                                      | <0.002                                           | <0.009                                                  | <0.005                                             | <0.005                                             | <0.007                                      | <0.027                                      |

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01464907 LITTLE NESHAMINY CREEK AT VALLEY ROAD NEAR NESHAMINY, PA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

| Date         | Metola-<br>chlor,<br>water,<br>fltrd,<br>µg/L<br>(39415) | Metri-<br>buzin,<br>water,<br>fltrd,<br>µg/L<br>(82630) | Naprop-<br>amide,<br>water,<br>fltrd<br>0.7µ GF<br>µg/L<br>(82684) | Pendi-<br>meth-<br>alin,<br>water,<br>fltrd<br>0.7µ GF<br>µg/L<br>(82683) | Prome-<br>ton,<br>water,<br>fltrd,<br>µg/L<br>(04037) | Sima-<br>zine,<br>water,<br>fltrd,<br>µg/L<br>(04035) | Tebu-<br>thiuron<br>water<br>fltrd<br>0.7µ GF<br>µg/L<br>(82670) | Terba-<br>cil,<br>water,<br>fltrd<br>0.7µ GF<br>µg/L<br>(82665) | Tri-<br>flur-<br>alin,<br>water,<br>fltrd<br>0.7µ GF<br>µg/L<br>(82661) |
|--------------|----------------------------------------------------------|---------------------------------------------------------|--------------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|------------------------------------------------------------------|-----------------------------------------------------------------|-------------------------------------------------------------------------|
| NOV<br>01... | 0.036                                                    | <0.006                                                  | <0.007                                                             | <0.022                                                                    | 0.02                                                  | <0.010                                                | <0.02                                                            | <0.034                                                          | <0.009                                                                  |
| DEC<br>09... | E.012                                                    | <0.006                                                  | <0.007                                                             | <0.022                                                                    | E.01                                                  | <0.010                                                | <0.02                                                            | <0.034                                                          | <0.009                                                                  |
| JAN<br>08... | E.012                                                    | <0.006                                                  | <0.007                                                             | <0.022                                                                    | E.01                                                  | <0.005                                                | <0.02                                                            | <0.034                                                          | <0.009                                                                  |
| MAR<br>07... | E.012                                                    | <0.006                                                  | <0.007                                                             | <0.022                                                                    | E.01                                                  | <0.005                                                | <0.02                                                            | <0.034                                                          | E.003                                                                   |
| APR<br>08... | E.008                                                    | <0.006                                                  | <0.007                                                             | <0.022                                                                    | E.01                                                  | <0.010                                                | <0.02                                                            | <0.034                                                          | <0.009                                                                  |
| MAY<br>08... | 0.024                                                    | <0.006                                                  | <0.007                                                             | <0.022                                                                    | 0.02                                                  | 0.011                                                 | <0.02                                                            | <0.034                                                          | <0.009                                                                  |
| JUN<br>06... | 0.050                                                    | <0.006                                                  | <0.007                                                             | E.011                                                                     | 0.05                                                  | 0.006                                                 | <0.02                                                            | <0.034                                                          | E.009                                                                   |
| JUL<br>02... | <0.013                                                   | <0.006                                                  | <0.007                                                             | <0.022                                                                    | <0.01                                                 | <0.005                                                | <0.02                                                            | <0.034                                                          | <0.009                                                                  |
| JUL<br>02... | E.006                                                    | <0.006                                                  | <0.007                                                             | <0.022                                                                    | E.01                                                  | 0.009                                                 | <0.02                                                            | <0.034                                                          | <0.009                                                                  |
| SEP<br>05... | 0.024                                                    | <0.006                                                  | <0.007                                                             | <0.022                                                                    | 0.09                                                  | <0.005                                                | <0.02                                                            | <0.034                                                          | <0.009                                                                  |

Remark codes used in this table:

&lt; -- Less than

E -- Estimated value