



Water-Data Report 2007

01457500 DELAWARE RIVER AT RIEGELSVILLE, NJ

DELAWARE RIVER BASIN

LOCATION.--Lat 40°35'41", long 75°11'23" referenced to North American Datum of 1983, Pohatcong Township, Warren County, NJ, Hydrologic Unit 02040105, on left bank just upstream of suspension bridge at Riegelsville, 600 ft upstream from Musconetcong River (flow of which is included in the records for this station since Oct. 1, 1931), and at river mile 174.8. Water-quality samples are collected from the bridge and are not affected by the flow of the Musconetcong River.

DRAINAGE AREA.--6,328 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Continuous-record gaging station, water years 1906-71. Annual maximum, water years 1972 to current year.

GAGE.--Water-stage recorder. Datum of gage is 125.12 ft above NGVD of 1929.

REMARKS.--Satellite stage telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 340,000 ft³/s, Aug 19, 1955, gage height, 38.85 ft.

PEAK DISCHARGES FOR CURRENT YEAR.--Maximum discharge, 112,000 ft³/s, Apr 17 at 0400, gage height, 21.56 ft.

01457500 DELAWARE RIVER AT RIEGELSVILLE, NJ—Continued**WATER-QUALITY RECORDS**

PERIOD OF RECORD.--Water years 1934, 1943, 1950, 1960-79, 1991 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). Cooperative Network Site Descriptor: Delaware River Main Stem, New Jersey Department of Environmental Protection Watershed Management Area 11. The sample on Mar 12 included a Volatile Organic Compound assessment.

COOPERATION.--Physical measurements and samples for laboratory analyses were provided by personnel of the NJ Department of Environmental Protection. Determinations of dissolved ammonia, dissolved orthophosphate, and suspended residue were performed by the NJ Department of Health and Senior Services, Environmental and Chemical Laboratory.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Part 1 of 5

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

| Date | Time | Turbdty white light, det ang 90+/-30 dis- charge, corrctd | UV absorb- ance, 254 nm, wat flt units | UV absorb- ance, 280 nm, wat flt units | Baro- metric pres- sure, mm Hg (61726) | Dis- solved oxygen, mg/L (00025) | Dis- solved oxygen, percent of sat- uration (00301) | pH, water, unfltrd field, std units | Specif- ic conduc- tance, μS/cm (00400) | Temper- ature, wat unf μS/cm (25 degC (00095) | Temper- ature, air, deg C (00020) | Temper- ature, water, deg C (00010) | Hard- ness, water, mg/L as CaCO ₃ (00900) |
|--------------|------|--|---|---|---|--|---|--|--|--|---|---|---|
| Nov 15... | 1030 | E18,100 | 2.8 | .095 | .073 | 756 | 10.1 | 93 | 7.7 | 135 | 15.0 | 11.2 | 45 |
| Mar 12... | 1045 | E10,400 | 2.8 | .050 | .039 | 767 | 12.8 | 96 | 7.9 | 221 | 7.0 | 3.2 | 65 |
| May 15... | 1045 | E7,370 | 1.1 | .060 | .047 | 758 | 8.0 | 84 | 8.2 | 190 | 21.5 | 17.7 | 64 |
| Aug 14... | 1015 | E5,760 | 5.8 | .123 | .093 | 757 | 6.9 | 81 | 7.9 | 184 | 23.0 | 23.8 | 62 |

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Part 2 of 5

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

| Date | Calcium 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) | ANC, fixed end pt, lab, mg/L as CaCO ₃ (90410) | Chlor- ide, water, filtrd, mg/L (00940) | Fluor- ide, water, filtrd, mg/L (00950) | Silica, water, filtrd, mg/L (00955) | Sulfate water, filtrd, mg/L (00945) | Residue water, filtrd, sum of consti- tuents mg/L (70301) | Residue on evap. at 180degC wat flt mg/L (70300) | Residue total non- filter- able, mg/L (00530) | Ammonia + org-N, water, filtrd, mg/L as N (00623) |
|--------------|---|---|---|---|---|--|--|---|---|--|---|---|--|
| Nov 15... | 12.1 | 3.47 | 1.07 | 7.10 | 33 | 10.7 | <.10 | 4.4 | 11.1 | 73 | 82 | 3 | .16 |
| Mar 12... | 17.1 | 5.52 | 1.43 | 14.9 | 45 | 25.5 | E.08 | 4.0 | 16.4 | 117 | 124 | 2 | .18 |
| May 15... | 16.4 | 5.58 | 1.22 | 10.3 | 48 | 16.0 | <.10 | 2.0 | 15.4 | 99 | 111 | 1 | .21 |
| Aug 14... | 15.8 | 5.42 | 1.30 | 10.8 | 46 | 16.4 | E.05 | 4.5 | 13.5 | 99 | 115 | 9 | .30 |

01457500 DELAWARE RIVER AT RIEGELSVILLE, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 3 of 5

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

| Date | Nitrate | Partic- | Ortho- | | | | Inor- | | Organic | | |
|---------|-----------|---------|--------|---------|------------|---------|---------|---------|---------|---------|---------|
| | + nitrite | ulate | Total | Total | phosphate, | water, | Phos- | Total | carbon, | carbon, | Arsenic |
| Ammonia | water, | nitro- | nitro- | water, | water, | water, | phorus, | carbon, | suspnd | suspnd | water, |
| water, | fltrd, | gen, | gen, | fltrd, | unfltrd | mg/L | fltrd, | suspnd | sedimnt | total, | fltrd, |
| mg/L | (00608) | as N | as N | (00631) | (49570) | (00602) | mg/L | (00671) | (00694) | mg/L | (01000) |
| Nov | | | | | | | | | | | |
| 15... | .024 | .68 | .03 | .84 | .87 | .021 | .029 | .034 | .3 | <.1 | .3 |
| Mar | | | | | | | | | | | |
| 12... | .027 | 1.25 | .03 | 1.4 | 1.5 | .027 | .031 | .043 | .3 | <.1 | .3 |
| May | | | | | | | | | | | |
| 15... | <.010 | .69 | .07 | .90 | .97 | .015 | .021 | .034 | .4 | <.1 | .4 |
| Aug | | | | | | | | | | | |
| 14... | .026 | .83 | .06 | 1.1 | 1.2 | .045 | .054 | .067 | .6 | <.1 | .6 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 4 of 5

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

| Date | Beryll- | | | Chrom- | | | Mangan- | | | | |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | Arsenic | Barium, | ium, | Boron, | ium, | Copper, | Iron, | Lead, | ese, | Mercury | Nickel, |
| water, |
| unfltrd | unfltrd | unfltrd | unfltrd | unfltrd | unfltrd | recover | unfltrd | unfltrd | recover | unfltrd | unfltrd |
| recover | -able, | -able, | -able, | recover | -able, | -able, | recover | -able, | recover | recover | recover |
| µg/L |
| (01002) | (01007) | (01012) | (01020) | (01022) | (01027) | (01034) | (01042) | (01045) | (01051) | (01055) | (71900) |
| Nov | | | | | | | | | | | |
| 15... | -- | -- | -- | 11 | -- | -- | -- | -- | -- | -- | -- |
| Mar | | | | | | | | | | | |
| 12... | .24 | 22.5 | <.06 | 13 | 9 | .06 | <.60 | 1.2 | 96 | .28 | 21.6 |
| May | | | | | | | | | | | |
| 15... | -- | -- | -- | 13 | -- | -- | -- | -- | -- | -- | -- |
| Aug | | | | | | | | | | | |
| 14... | .79 | 22.6 | <.06 | 15 | 18 | .03 | <.60 | E1.1 | 260 | .70 | 43.6 |
| | | | | | | | | | | | |

01457500 DELAWARE RIVER AT RIEGELSVILLE, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO
SEPTEMBER 2007

Part 5 of 5

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

| Date | Selen- ium, water, unfltrd μg/L (01147) | Silver, water, recover μg/L (01077) | Zinc, water, recover μg/L (01092) |
|------------|--|---|---|
| Nov | | | |
| 15... | -- | -- | -- |
| Mar | | | |
| 12... | .20 | <.02 | 12 |
| May | | | |
| 15... | -- | -- | -- |
| Aug | | | |
| 14... | .18 | <.02 | 4.7 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 1 of 7

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

| Date | 1-Naph-thol, water, filtrd 0.7u GF | 2,6-Di-ethyl-aniline, water, filtrd 0.7u GF | 2Chloro-diethyl acetanilide, water, filtrd, fltrd, | CIAT, water, filtrd, fltrd, | 2-Ethyl-methyl aniline, water, filtrd, fltrd, | 3,4-Di-chloro-aniline, water, filtrd, fltrd, | 3,5-Di-chloro-aniline, water, filtrd, fltrd, | Chloro-2methyl-phenol, water, filtrd, fltrd, | Aceto-2methyl-chlor, water, filtrd, fltrd, | Ala-chlor, water, filtrd, fltrd, | Endo-sulfan, water, filtrd, fltrd, | Atra-zine, water, filtrd, fltrd, | Azin-phos-methyl oxon, water, filtrd, fltrd, |
|--------------|---|--|--|--------------------------------------|---|---|---|---|---|---|---|---|--|
| | μg/L (49295) | μg/L (82660) | μg/L (61618) | μg/L (04040) | μg/L (61620) | μg/L (61625) | μg/L (61627) | μg/L (61633) | μg/L (49260) | μg/L (46342) | μg/L (34362) | μg/L (39632) | μg/L (61635) |
| May 15... | <.09 | <.006 | <.006 | E.015 | <.010 | <.004 | <.012 | <.005 | <.006 | <.005 | <.011 | .013 | <.04 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 2 of 7

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

| Date | Azin-phos-methyl, water, filtrd 0.7u GF | Ben-flur-alin, water, filtrd 0.7u GF | Car-baryl, water, filtrd 0.7u GF | Carbo-furan, water, filtrd 0.7u GF | Chlor-pyrifos, water, filtrd 0.7u GF | Chlor-pyrifos, water, filtrd, fltrd, fltrd, fltrd, | Per-methrin, water, filtrd, 0.7u GF | Propi-conazole, water, filtrd, 0.7u GF | Propi-conazole, water, filtrd, 0.7u GF | Cyana-zine, water, filtrd, 0.7u GF | Cyflu-thrin, water, filtrd, 0.7u GF | Cyhalo-thrin, water, filtrd, 0.7u GF | Cyper-methrin, water, filtrd, 0.7u GF | DCPA, water, filtrd 0.7u GF |
|--------------|--|---|---|---|---|---|--|---|---|---|--|---|--|--------------------------------------|
| | μg/L (82686) | μg/L (82673) | μg/L (82680) | μg/L (82674) | μg/L (61636) | μg/L (38933) | μg/L (82687) | μg/L (79846) | μg/L (79846) | μg/L (04041) | μg/L (61585) | μg/L (61595) | μg/L (61586) | μg/L (82682) |
| May 15... | <.080 | <.010 | E.005 | <.020 | <.06 | <.005 | <.010 | <.013 | <.018 | <.053 | <.014 | <.046 | <.003 | |

01457500 DELAWARE RIVER AT RIEGELSVILLE, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 3 of 7

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

| Date | Desulf- inyl- fipro- nil, water, fltrd, μg/L (62170) | Diazi- non, water, fltrd, μg/L (39572) | Dicro- tophos, water, fltrd, μg/L (38454) | Diel- drin, water, fltrd, μg/L (39381) | Dimeth- oate, water, 0.7u GF μg/L (82662) | Disulf- oton sulfone water, fltrd, μg/L (61640) | Disul- foton, water, fltrd, μg/L (82677) | Endo- sulfan water, fltrd, μg/L (61590) | EPTC, water, fltrd, μg/L (82668) | Ethion monoxon water, fltrd, μg/L (61644) | Ethion, water, fltrd, μg/L (82346) | Etho- prop, water, fltrd, μg/L (82672) | Fenami- phos sulfone water, fltrd, μg/L (61645) |
|--------------|---|---|--|---|--|---|---|--|--|--|--|---|---|
| May 15... | E.004 | <.005 | <.08 | <.009 | <.006 | <.01 | <.02 | <.022 | <.002 | <.02 | <.016 | <.012 | <.053 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 4 of 7

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

| Date | Fenami- phos sulf- oxide, water, fltrd, μg/L (61646) | Desulf- inyl- fipro- nil Fenami- phos, water, fltrd, μg/L (61591) | Fipro- nil sulfide amide, wat flt μg/L (62169) | Fipro- nil sulfone water, fltrd, μg/L (62167) | Fipro- nil Fonofos water, fltrd, μg/L (62168) | Hexa- zinone, water, fltrd, μg/L (62166) | Ipro- dione, water, fltrd, μg/L (04095) | Isofen- phos, water, fltrd, μg/L (04025) | Mala- xon, water, fltrd, μg/L (61593) | Mala- xon, water, fltrd, μg/L (61594) | Mala- thion, water, fltrd, μg/L (61652) | Metaxyl, water, fltrd, μg/L (39532) | |
|--------------|---|--|--|---|---|---|--|---|--|--|--|---|-------|
| May 15... | <.06 | <.03 | <.029 | <.013 | <.024 | E.007 | <.006 | <.026 | <.026 | <.011 | <.039 | <.016 | <.007 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 5 of 7

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

| Date | Methyl Methyl para- thion, water, fltrd, μg/L (61598) | Methyl para- thion, water, fltrd, μg/L (61664) | Metola- chlor, water, fltrd, μg/L (82667) | Metri- buzin, water, fltrd, μg/L (39415) | Moli- nate, water, fltrd, μg/L (82630) | Myclo- butanil water, fltrd, μg/L (82671) | Oxy- fluor- fen, water, fltrd, μg/L (61599) | Pendi- meth- alin, water, fltrd, μg/L (61600) | Phorate oxon, water, fltrd, μg/L (82683) | Phorate oxon, water, fltrd, μg/L (61666) | Phosmet oxon, water, fltrd, μg/L (82664) | Phosmet oxon, water, fltrd, μg/L (61668) | |
|--------------|--|--|--|---|---|--|---|---|---|---|---|---|-------|
| May 15... | <.009 | <.02 | <.008 | E.010 | <.012 | <.003 | <.033 | <.017 | <.020 | <.03 | <.020 | <.05 | <.008 |

01457500 DELAWARE RIVER AT RIEGELSVILLE, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 6 of 7

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

| Date | Prometon, water, fltrd, μg/L (04037) | Prometryn, water, fltrd, μg/L (04036) | Propyzamide, water, fltrd, 0.7u GF μg/L (82676) | Propanal, water, fltrd, 0.7u GF μg/L (82679) | Propargite, water, fltrd, 0.7u GF μg/L (82685) | Simazine, water, fltrd, 0.7u GF μg/L (04035) | Tebuthiuron, water, fltrd, 0.7u GF μg/L (82670) | Tefluthrin, water, fltrd, 0.7u GF μg/L (61606) | Terbufos, oxon sulfone, water, fltrd, 0.7u GF μg/L (61674) | Terbu-fos, water, fltrd, 0.7u GF μg/L (82675) | Terbutyl-azine, water, fltrd, 0.7u GF μg/L (04022) | Thiobencarb, water, fltrd, 0.7u GF μg/L (82681) | trans-Propiconazole, water, fltrd, μg/L (79847) |
|-----------|--|---|--|---|---|---|--|---|--|--|---|--|---|
| May 15... | <.01 | <.006 | <.004 | <.011 | <.02 | <.006 | <.02 | <.003 | <.04 | <.01 | M | <.010 | <.03 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO
SEPTEMBER 2007

Part 7 of 7

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

| Date | Tri-fluorophos, water, fltrd, 0.7u GF μg/L (61610) | Trichloralin, water, fltrd, 0.7u GF μg/L (82661) | Dichlorvos, water, fltrd, 0.7u GF μg/L (38775) |
|-----------|---|---|---|
| May 15... | <.035 | <.009 | <.01 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 1 of 7

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

| Date | 1,1,1,2-Tetra-chloro-ethane, water, unfltrd μg/L (77562) | 1,1,1-Chloro-ethane, water, unfltrd μg/L (34506) | 1,1,2,2-Chloro-ethane, CFC-113 water, unfltrd μg/L (34516) | 1,1,2-Tri-chloro-ethane, water, unfltrd μg/L (77652) | 1,1-Di-chloro-ethane, water, unfltrd μg/L (34511) | 1,1-Di-chloro-ethene, water, unfltrd μg/L (34496) | 1,1-Di-chloro-propene, water, unfltrd μg/L (34501) | 1,2,3,4-Tetra-methyl-benzene, water, unfltrd μg/L (77168) | 1,2,3,5-Tetra-methyl-benzene, water, unfltrd μg/L (49999) | 1,2,3-Tetra-methyl-benzene, water, unfltrd μg/L (50000) | 1,2,3-Tri-chloro-propane, water, unfltrd μg/L (77613) | 1,2,3-Tri-chloro-benzene, water, unfltrd μg/L (77443) | 1,2,3-Tri-methyl-benzene, water, unfltrd μg/L (77221) |
|-----------|--|--|---|--|---|---|--|---|---|---|---|---|---|
| Mar 12... | <.04 | <.04 | <.10 | <.04 | <.04 | <.06 | <.02 | <.04 | <.1 | <.1 | <.1 | <.12 | <.1 |

01457500 DELAWARE RIVER AT RIEGELSVILLE, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 2 of 7

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

| Date | 1,2,4-Tri-chloro-benzene water, unfltrd | 1,2,4-Tri-methyl-benzene water, unfltrd | Dibromo propane | 1,2-Di-bromo-ethane, water, unfltrd | 1,2-Di-bromo-benzene | 1,2-Di-chloro-ethane, water, unfltrd | 1,2-Di-chloro-propane | 1,3,5-Tri-methyl-benzene | 1,3-Di-chloro-benzene | 1,3-Di-chloro-propane | 1,4-Di-chloro-benzene | 2,2-Di-chloro-propane | 2-Chloro-toluene | |
|-----------|---|---|-----------------|-------------------------------------|----------------------|--------------------------------------|-----------------------|--------------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------|------|
| | µg/L (34551) | µg/L (77222) | µg/L (82625) | µg/L (77651) | µg/L (34536) | µg/L (32103) | µg/L (34541) | µg/L (77226) | µg/L (34566) | µg/L (77173) | µg/L (34571) | µg/L (77170) | µg/L (77275) | |
| Mar 12... | <.1 | <.04 | <.5 | <.04 | <.04 | <.1 | <.02 | <.04 | <.04 | <.04 | <.1 | <.04 | <.06 | <.04 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 3 of 7

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

| Date | 2-Ethyl-toluene water, unfltrd | 3-Chloro-propene water, unfltrd | 4-Chloro-toluene water, unfltrd | 4-Iso-propyl-toluene water, unfltrd | Acetone | Acrylo-nitrile | Benzene | Bromo-benzene | Bromo-methane | Bromo-methane | Bromo-ethene, water, unfltrd | Bromo-methane | Carbon di-sulfide |
|-----------|--------------------------------|---------------------------------|---------------------------------|-------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------------------|-----------------|-------------------|
| | µg/L (77220) | µg/L (78109) | µg/L (77277) | µg/L (77356) | µg/L (81552) | µg/L (34215) | µg/L (34030) | µg/L (81555) | µg/L (77297) | µg/L (32101) | µg/L (50002) | µg/L (34413) | µg/L (77041) |
| Mar 12... | <.04 | <.08 | <.04 | <.08 | <6 | <.4 | E.01 | <.02 | <.06 | <.04 | <.1 | <.4 | <.06 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 4 of 7

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

| Date | Chloro-benzene water, unfltrd | Chloro-ethane, water, unfltrd | Chloro-methane | cis-1,2-Di-chloro-ethene, water, unfltrd | cis-1,3-Di-chloro-ethene, water, unfltrd | Di-bromo-chloro-propene | Di-bromo-methane | Di-chloro-fluoro-methane | Di-chloro-methane | Di-ethyl-ether, water, unfltrd | Diiso-propyl-ether, water, unfltrd | Ethyl-methacrylate, water, unfltrd | Ethyl-methyl-ketone, water, unfltrd |
|-----------|-------------------------------|-------------------------------|-----------------|--|--|-------------------------|------------------|--------------------------|-------------------|--------------------------------|------------------------------------|------------------------------------|-------------------------------------|
| | µg/L (34301) | µg/L (34311) | µg/L (34418) | µg/L (77093) | µg/L (34704) | µg/L (32105) | µg/L (30217) | µg/L (34668) | µg/L (34423) | µg/L (81576) | µg/L (81577) | µg/L (73570) | µg/L (81595) |
| Mar 12... | <.02 | <.1 | <.1 | E.03 | <.06 | <.1 | <.04 | <.14 | M | <.1 | <.06 | <.1 | <1.6 |

01457500 DELAWARE RIVER AT RIEGELSVILLE, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 5 of 7

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

| Date | Ethyl-benzene water, unfltrd | Hexa-chloro-butadiene, water, unfltrd | Hexa-chloro-ethane, water, unfltrd | Iodo-methane water, unfltrd | Iso-butyl ketone, unfltrd | Iso-propyl-benzene water, unfltrd | Methyl acrylonitrile water, unfltrd | Methyl acrylate, water, unfltrd | Methyl methacrylate, water, unfltrd | Methyl tert-pentyl ether, water, unfltrd | meta-+ para-Xylene, water, unfltrd | Naphthalene, water, unfltrd | Methyl n-butyl ketone, water, unfltrd |
|-----------|------------------------------------|---|--|-----------------------------------|---------------------------------|---|--|--|--|--|--|-----------------------------------|---|
| | µg/L (34371) | µg/L (39702) | µg/L (34396) | µg/L (77424) | µg/L (78133) | µg/L (77223) | µg/L (81593) | µg/L (49991) | µg/L (81597) | µg/L (50005) | µg/L (85795) | µg/L (34696) | µg/L (77103) |
| Mar 12... | <.02 | <.1 | <.1 | <.40 | <.2 | <.04 | <.4 | <.4 | <.4 | <.2 | <.04 | <.08 | <.4 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 6 of 7

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

| Date | n-Butyl benzene water, unfltrd | n-propyl- benzene water, unfltrd | o-Xylene, water, unfltrd | sec-Butyl- benzene water, unfltrd | Styrene water, unfltrd | t-Butyl ether, water, unfltrd | Methyl ether, water, unfltrd | tert-Butyl- benzene water, unfltrd | Tetra-chloro- ethene, water, unfltrd | Tetra-chloro- methane water, unfltrd | Tetra-hydro- furan, water, unfltrd | Toluene water, unfltrd | trans-1,2-Di- chloro-ethene, water, unfltrd |
|-----------|---|---|--------------------------------|--|------------------------------|--|---------------------------------------|---|---|---|---|------------------------------|--|
| | µg/L (77342) | µg/L (77224) | µg/L (77135) | µg/L (77350) | µg/L (77128) | µg/L (50004) | µg/L (78032) | µg/L (77353) | µg/L (34475) | µg/L (32102) | µg/L (81607) | µg/L (34010) | µg/L (34546) |
| Mar 12... | <.1 | <.04 | <.04 | <.04 | <.04 | <.04 | <.1 | <.08 | E.02 | <.08 | <1 | E.02 | <.02 |

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 7 of 7

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

| Date | trans-1,3-Di- chloro-propene water, unfltrd | trans-1,4-Di- chloro-butene, water, unfltrd | Tri-bromo-methane water, unfltrd | Tri-chloro-ethene, water, unfltrd | Tri-fluoro-methane water, unfltrd | Tri-chloro-methane water, unfltrd | Vinyl chloride, water, unfltrd |
|-----------|--|--|--|---|---|---|--------------------------------------|
| | µg/L (34699) | µg/L (73547) | µg/L (32104) | µg/L (39180) | µg/L (34488) | µg/L (32106) | µg/L (39175) |
| Mar 12... | <.10 | <.6 | <.08 | E.02 | <.08 | E.03 | <.1 |