

DELAWARE RIVER BASIN

01443000 DELAWARE RIVER AT PORTLAND, PA

LOCATION.--Lat 40°55'26", long 75°05'46", Northampton County, Hydrologic Unit 02040105, at walkbridge connecting Portland, PA and Columbia, NJ, and 0.5 mi upstream from Paulins Kill.

DRAINAGE AREA.--4,165 mi<sup>2</sup>.

PERIOD OF RECORD.--Water years 1976 to current year.

COOPERATION.--Determination of dissolved ammonia, total ammonia, dissolved nitrite, BOD, total residue, Chlorophyll A, fecal coliform, E. coli, and enterococcus bacteria was performed by the New Jersey Department of Health and Environmental Laboratories.

COOPERATIVE NETWORK SITE DESCRIPTOR.--Delaware River Main Stem, New Jersey Department of Environmental Protection Watershed Management Area 1.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)	UV ABSORB-ANCE 254 NM, WTR FLT (UNITS) /CM (50624)	UV ABSORB-ANCE 280 NM, WTR FLT (UNITS) /CM (61726)	BARO-METRIC PRES-SURE (MM HG) OF (00025)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (MG/L) (00301)	OXYGEN, DIS-SOLVED (MG/L) (00300)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)
NOV 02...	0950	1950	--	.064	.049	756	102	11.8	7.5	98	15.5	8.5	31
FEB 13...	0930	5730	--	.068	.052	762	96	13.8	7.0	125	7.0	.5	30
MAY 02...	1330	4660	--	.065	.051	756	106	10.3	7.7	108	32.0	16.5	29
AUG 08...	1000	2310	1.3	.062	.047	752	102	7.9	7.3	111	34.0	28.0	30

DATE	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	ANC UNFLTRD TIT 4.5 LAB (MG/L AS CACO3) (90410)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)
NOV 02...	9.57	1.72	.81	6.2	22	9.1	<.2	.8	8.1	56	50	.030	.13
FEB 13...	9.13	1.71	.76	10.2	16	18.2	<.2	3.8	8.8	74	64	<.030	.14
MAY 02...	8.68	1.68	.71	7.4	20	13.5	<.2	1.1	8.1	80	54	<.030	.20
AUG 08...	9.02	1.83	.90	7.9	22	13.7	<.2	1.4	8.1	59	56	.060	.21

DATE	NITRO-GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN DIS-SOLVED (MG/L AS N) (00602)	NITRO-GEN TOTAL (MG/L AS N) (00600)	NITRO-GEN, PAR TICULTE WAT FLT SUSP (MG/L AS N) (49570)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	CARBON, INORG + ORGANIC PARTIC. (MG/L AS C) (00694)	CARBON, INOR-GANIC, PARTIC. (MG/L AS C) (00688)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC PARTIC-ULATE TOTAL (MG/L AS C) (00689)
NOV 02...	.05	.14	.045	.003	.17	.19	.028	.010	.015	.2	<.1	2.2	.2
FEB 13...	<.03	.14	.360	<.003	.50	.50	<.022	.011	.022	.4	<.1	2.3	.4
MAY 02...	<.03	.18	.222	<.003	.42	.40	.060	.009	.016	.3	<.1	2.6	.3
AUG 08...	<.03	.26	.091	<.003	.30	.35	.104	.013	.021	.7	<.1	2.3	.7

DATE	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L) (00310)	CHLORO-PHYLL A FLUORO-METRIC METHOD CORR. (UG/L) (32209)	BORON, DIS-SOLVED (UG/L AS B) (01020)	RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (MG/L) (00530)
NOV 02...	E1.2	--	<13	6
FEB 13...	E1.1	--	E7	6
MAY 02...	E1.3	2.60	<13	8
AUG 08...	<1.0	2.50	E8	5

## DELAWARE RIVER BASIN

01443000 DELAWARE RIVER AT PORTLAND, PA--Continued

**WATER-COLUMN BACTERIA ANALYSES**  
**Samples collected synoptically during the summer months**

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	COLI-FORM, FECAL, EC BROTH (MPN) (31615)	E COLI, MTEC MF WATER (COL/100 ML) (31633)	ENTERO-COCCI, ME MF, WATER (COL/100 ML) (31649)	DATE	TIME	COLI-FORM, FECAL, EC BROTH (MPN) (31615)	E COLI, MTEC MF WATER (COL/100 ML) (31633)	ENTERO-COCCI, ME MF, WATER (COL/100 ML) (31649)
AUG					AUG				
01...	0930	<20	<100	20	15...	1012	20	<100	<10
08...	0850	<20	<100	60	22...	0955	<20	<100	10
					29...	0950	20	<100	40