

## 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, fecal coliform, E. coli, and enterococci bacteria were performed by the New Jersey Department of Health, Public 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 1999 TO SEPTEMBER 2000

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	OXYGEN, DIS-SOLVED (MG/L) (00300)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (µS/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)	UV ABSORB-ANCE 254 NM, WTR FLT (UNITS /CM) (50624)	UV ABSORB-ANCE 280 NM, WTR FLT (UNITS /CM) (61726)	
NOV 1999	15...	2980	747	103	12.4	--	97	6.5	.074	.056	
FEB 2000	23...	5350	764	109	15.8	7.2	109	.5	.060	.045	
MAY	01...	8920	755	104	11.1	7.5	78	12.0	.073	.062	
AUG	01...	7280	756	90	7.9	7.3	96	21.5	.106	.081	
DATE	TIME	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	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)
NOV 1999	15...	26	7.91	1.59	.7	6.0	18	10.4	<.1	1.9	8.2
FEB 2000	23...	27	8.16	1.61	.7	8.2	15	14.3	<.1	3.9	8.3
MAY	01...	23	6.91	1.42	.6	5.2	15	9.2	<.1	2.2	7.3
AUG	01...	22	6.66	1.32	.8	6.2	16	9.9	<.1	1.8	6.9
DATE	TIME	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, TOTAL (MG/L AS N) (00600)	NITRO-GEN, DIS-SOLVED (MG/L AS N) (00602)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)
NOV 1999	15...	.10	.14	.07	.030	.19	.16	.054	<.003	E.004	E.007
FEB 2000	23...	.18	.13	<.03	<.030	.56	.61	.429	<.003	.008	.014
MAY	01...	.12	.19	<.03	<.030	.35	.28	.164	<.003	E.004	.013
AUG	01...	.23	.30	<.03	<.030	.52	.46	.225	<.003	.018	.030
DATE	TIME	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC PARTIC-ULATE TOTAL (MG/L AS C) (00689)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L) (00310)	RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (MG/L) (00530)	SOLIDS, RESIDUE AT 180 DEG. C (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	BORON, DIS-SOLVED (µG/L AS B) (01020)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	
NOV 1999	15...	2.6	<.2	E1.1	<1	49	48	<16	--	--	
FEB 2000	23...	2.1	.2	<1.0	<1	66	56	<16	--	--	
MAY	01...	2.3	.7	E1.2	--	53	43	<16	108	4	
AUG	01...	3.2	.4	E1.4	--	53	44	E10	77	4	

## 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 1999 TO SEPTEMBER 2000

DATE	TIME	COLI-FORM, FECAL, EC BROTH (MPN) (31615)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	ENTERO-COCCI ME, MF WATER TOTAL (COL / 100 ML) (31649)	DATE	TIME	COLI-FORM, FECAL, EC BROTH (MPN) (31615)	E. COLI WATER WHOLE TOTAL UREASE (COL / 100 ML) (31633)	ENTERO-COCCI ME, MF WATER TOTAL (COL / 100 ML) (31649)
AUG 2000					AUG 2000				
02...	0845	40	200	90	16...	0925	50	100	20
09...	1020	<20	<100	10	23...	0945	<20	<100	10
					30...	0850	<20	<100	30