

FINDINGS OF THE 1992 SCENIC RIVERS WATER QUALITY MONITORING PROGRAM

REPORT NO. 15 DRBC/NPS
COOPERATIVE MONITORING PROGRAM



DELAWARE RIVER BASIN COMMISSION
IN COOPERATION WITH THE NATIONAL PARK SERVICE

MARCH 1993

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The 1992 Scenic Rivers Water Quality Monitoring Program was a cooperative effort between the Commission and two units of the National Park Service. Overall design and Quality Assurance/Quality Control audits were performed by Todd W. Kratzer (Delaware River Basin Commission). Management of the program was provided by Deborah Drelich (Delaware Water Gap National Recreation Area) and Warren R. Huff (Delaware River Basin Commission).

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Prosser Laboratories was contracted for BOD₅, nutrient and Escherichia coliform analyses. Richard Evans and Linda Lohner were contracted for macroinvertebrate analyses.

Silver Canoe Rentals, Port Jervis, New York, assisted the monitoring program by providing a canoe and access to the Neversink River.

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INTRODUCTION

This report presents the findings of the 1992 DRBC/NPS Scenic Rivers Water Quality Monitoring Program. The program is conducted by the Delaware River Basin Commission (DRBC) and the National Park Service (NPS) in the Upper Delaware Scenic and Recreational River (UDSRR) and the Delaware Water Gap National Recreation Area (DWGNRA). The program determines the status of water quality in the Upper and Middle Delaware Scenic and Recreational Rivers; the eight miles of the Delaware that separate these two components of the National Wild and Scenic Rivers System (NWSRS); and many of the 70 plus tributaries that flow into the Delaware River.

The UDSRR and the Middle Delaware Scenic and Recreational River (MDSRR) both provide a tremendous amount of recreational opportunities to local residents and visitors. Most components of the NWSRS are located in western states away from urban centers and developing areas. Of the 120 river segments currently in the NWSRS, only 19 river segments are located in states east of the Mississippi River. The UDSRR and the MDSRR themselves are the only National Wild and Scenic River segments in New Jersey, New York, and Pennsylvania and the only river reaches located within a one to two hour drive of about 20 percent of the U.S. population.

The UDSRR and the MDSRR were added to the National Wild and Scenic River System by Congress in 1978. The Commission began monitoring these waters in 1969. In 1984, a cooperative program was established with the DWGNRA. In 1985, the program was expanded to include the UDSRR. The Scenic Rivers Monitoring Program has remained flexible over these years to address specific or changing priorities.

In December 1992, the DRBC adopted Resolution Number 92-21, Water Quality Regulations for Special Protection Waters. The Upper and Middle Delaware Scenic and Recreational Rivers were classified as Outstanding Basin Waters. The intervening 8-mile reach between the two scenic rivers segments was classified as Significant Resource Waters. The Special Protection Waters classification is a stringent anti-degradation program premised on no measurable change in existing water quality. Water quality control points (i.e., Boundary Control Point and Interstate Special Waters Control points) surround each park service unit and are located in the Delaware River. Preservation of water quality within each park unit requires that sources of pollution upstream of the control points are managed in such a way as to prevent measurable water quality changes from occurring at the control points.

Included in the Special Protection Waters program are policies and regulations addressing point and non-point pollution sources. The point source regulations were adopted in December 1992; adoption of the non-point source regulations is anticipated in 1993.

The data collected as part of the Scenic Rivers Monitoring Program and other data sources will be utilized to assess this new pollution prevention concept. The data will also be used to assess the need for management plans for the various tributary watersheds of the scenic rivers region.

The 1992 program was the ninth year of the DRBC/NPS monitoring program. The cooperative program operates under a quality assurance plan approved by the U.S. Environmental Protection Agency. Data are entered into the U.S. Environmental Protection Agency's STORET and BIOS

databases. A listing of the STORET data for 1992 is presented in Appendix A. Earlier reports of the program are available. The reports are listed on the inside back cover.

PROGRAM OBJECTIVES

There were four objectives targeted for the 1992 Scenic Rivers Monitoring Program:

1. Continue past baseline water quality monitoring;
2. Continue obtaining water quality data needed for the development of a scenic rivers water quality model and to define existing water quality along the mainstem and at tributary control points;
3. Continue tributary flow gaging efforts; and,
4. Conduct special investigations, where needed.

OVERVIEW OF PROGRAM

The 1992 DRBC/NPS Scenic Rivers Monitoring Program made over 700 station-visits to 87 sites in the scenic rivers region. During the sampling season, which covered the period May to September, 34 tributaries (46 sites) and 37 Delaware River locations (41 sites) were sampled up to ten or more times each. These station-visits were part of the baseline monitoring effort. In this effort, data were collected for dissolved oxygen, air temperature, water temperature, pH, conductivity, fecal coliform and other parameters. At selected sites, nutrient and biochemical oxygen demand samples were also taken for mathematical model development. Figures 1 and 2 show the locations of these stations and Table 1 provides location descriptions.

Macroinvertebrates (aquatic insects) were collected at 12 sites: 1 each in the East and West Branches of the Delaware River near Hancock, N.Y.; 4 in the UDSRR, 5 in the DWGNRA, and 1 in the intervening reach of the Delaware River. Macroinvertebrates serve as a surrogate for toxic analyses and an indicator of long-term changes in water quality. Macroinvertebrate data for samples collected in 1991 and 1992 will be discussed in a separate report.

Figure 1

Delaware Water Gap National Recreation Area Sampling Stations

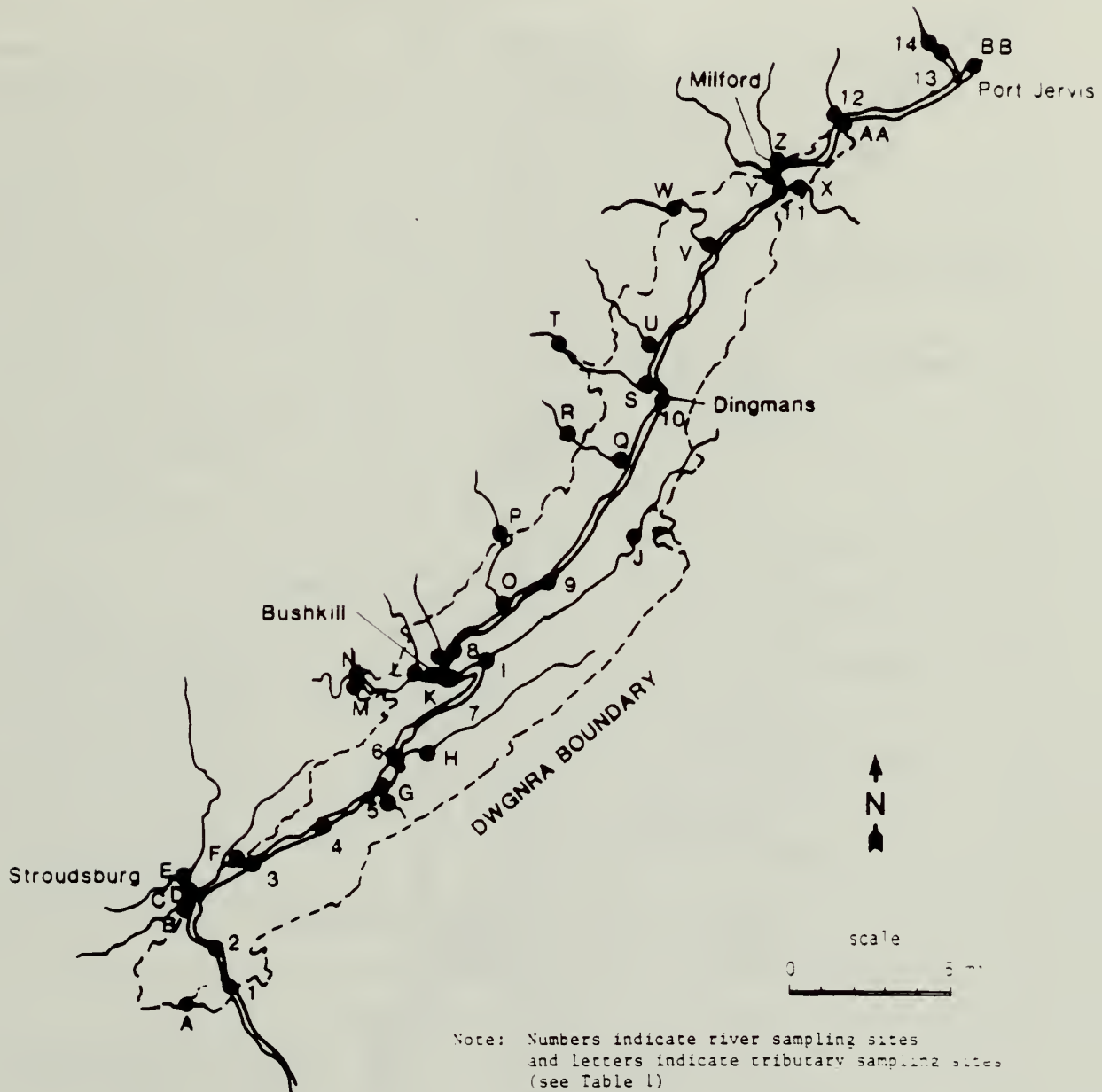


Figure 2

Upper Delaware Scenic and Recreational River Sampling Stations

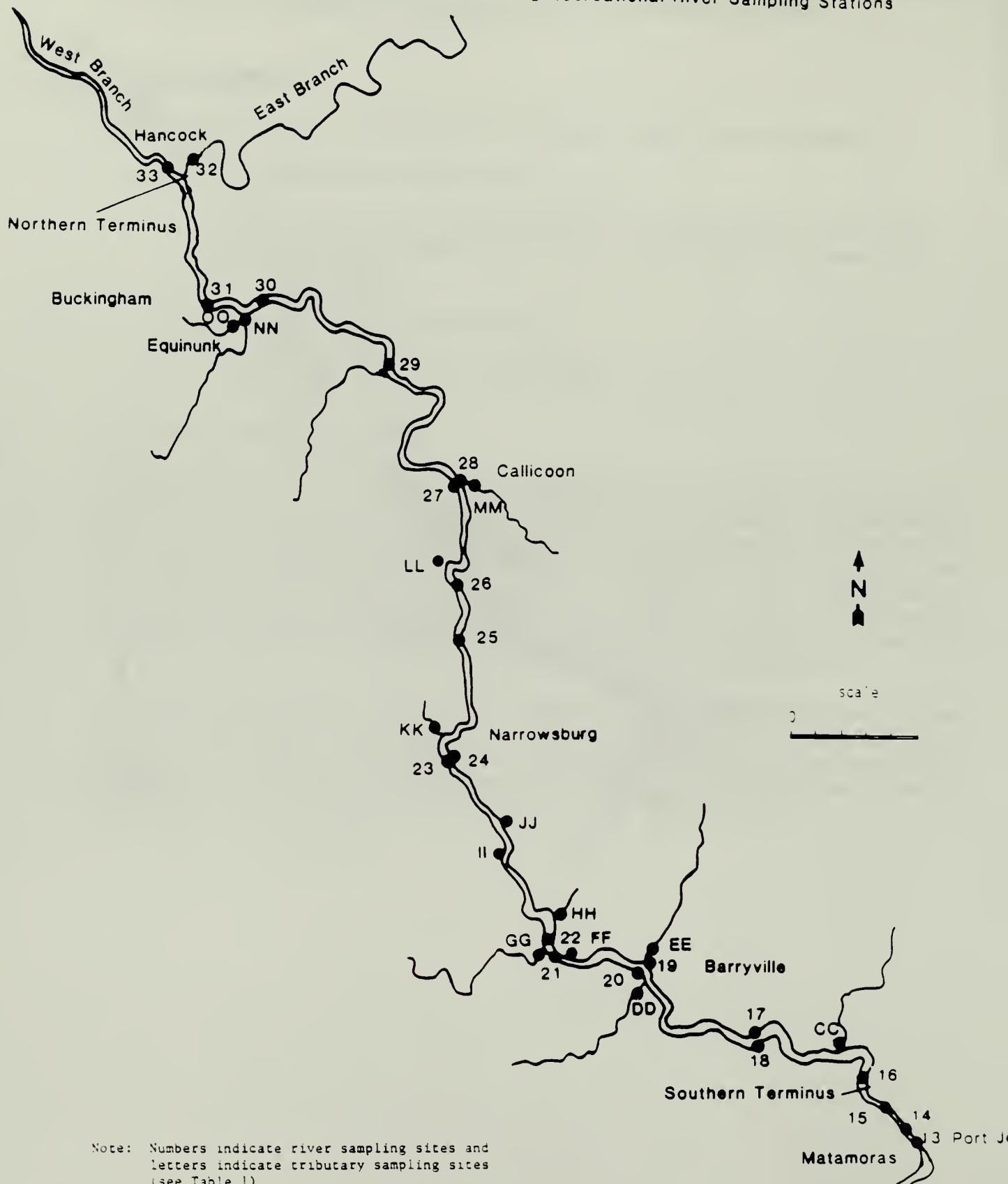


Table 1
Map Key for Figures 1 and 2

Map Code	Delaware River Stations	Map Code	Tributary Stations
1	Upstream of Arrow Island	A	Slateford Creek near Route 611
2	Kittatinny Access Area	B	Cherry Creek near Route 80 Bridge
3	Worthington Access Area	C	Brodhead Creek at Route 402 Bridge
4	Smithfield Access Area	D	Brodhead Creek at Route 80 Bridge
5	Poxono Access Area	E	Marshalls Creek at Minisink Hills Bridge
6	Depew Access Area	F	Shawnee Creek at Resort Parking Lot
7	Walpack Access Area	G	Pahaquarry Creek at Old Mine Road Bridge
8	Bushkill Access Area	H	Van Campens Brook at Old Mine Road Bridge
9	Eshback Access Area	I	Flat Brook at Old Mine Road Bridge
10	Dingmans Access Area	J	Flat Brook at Walpack Center Bridge
11	Milford Access Area	K	Bushkill Creek at Route 209 Bridge
12	Northern DEWA (DWGNRA) Boundary	L	Little Bushkill near Bushkill Confluence
13	Port Jervis/Matamoras Bridge	M	Bushkill Creek at DEWA (DWGNRA) Boundary
14	Port Jervis Beach	N	Saw Creek near Bushkill Confluence
15	Matamoras Access Area	O	Toms Creek at Route 209 Bridge
16	Millrift	P	Toms Creek at DEWA (DWGNRA) Boundary
17	Pond Eddy, N.Y.	Q	Hornbeck Creek at Route 209 Bridge
18	Pond Eddy, PA.	R	Hornbeck Creek at DEWA (DWGNRA) Boundary
19	Shohola/Barryville Bridge, N.Y.	S	Dingmans Creek at Route 209 Bridge
20	Shohola/Barryville Bridge, PA.	T	Dingmans Creek at DEWA (DWGNRA) Boundary
21	Upstream of Lackawaxen River	U	Adams Creek at Route 209 Bridge
22	Lackawaxen/Minisink Bridge	V	Raymondskill Creek at Route 209 Bridge
28	Narrowsburg Access Area, PA.	W	Raymondskill Creek at DEWA (DWGNRA) Boundary
28	Narrowsburg Access Area, N.Y.	X	Shimers Brook at Route 521 Bridge
28	Skinner Falls Access Area	Y	Sawkill Creek at Route 209 Bridge
26	Damascus Access Area	Z	Vandermark Creek at Route 209 Bridge
28	Callicoon Access Area, PA.	AA	Cummins Creek
28	Callicoon Access Area, N.Y.	BB	Neversink River at Route 6 Bridge
29	Kellams Bridge	CC	Mongaup River at Route 97 Bridge
30	Equinunk/Lordville Bridge	DD	Shohola Creek at Railroad Bridge near Delaware River Confluence
31	Buckingham Access Area	EE	Halfway Brook at Route 97 Bridge
32	E. Branch Delaware River at Hancock	FF	Beaver Brook at Route 97 Bridge
33	W. Branch Delaware River at Hancock	GG	Lackawaxen River at Route 590 Bridge
		HH	York Lake Falls at Route 97 Bridge
		II	Masthope Creek at RR Bridge near confl. with Delaware
		JJ	Tenmile River at Route 97 Bridge
		KK	Atco Creek at Route 652 Bridge
		LL	Calkins Creek near confl. with Delaware River
		MM	Callicoon Creek at Route 97 Bridge
		NN	Equinunk Creek at Route 191 Bridge
		OO	Factory Creek at Route 191 Bridge

SPECIAL STUDIES

Special studies represent the research component of the program design and are conducted as follow up to the previous year's findings, to examine potential problems that become evident during current monitoring, or special subjects requiring investigation. During 1992, special emphasis was placed on development of rating curves for those tributaries for which gages do not currently exist, establishing a database for *Escherichia coli* form, and monitoring for zebra mussels.

Stream flow measurements were made on a number of tributaries over a range of flow conditions. As part of the routine water quality sampling effort, gage readings were recorded so that when a flow rating curve is developed, water quality constituent loads can be calculated. These loadings will be used to develop mathematical models of the river and the tributaries. The development of a water quality model is an essential element in the water quality protection strategy that was adopted by the Commission in December 1992. The rating curves will be published as a separate report.

During 1992, *Escherichia coli* form (E. coli) was added as a parameter at selected mainstem Delaware River sampling sites. These analyses were done in addition to the tests for fecal coliform. The U.S. Environmental Protection Agency¹ (EPA) has recommended that monitoring to assess bacterial quality include *Escherichia coli* form or enterococci, or both. These bacterial organisms are considered to be better indicators of recreational water quality than the fecal coliform test and in 1991, the Commission adopted *E. coli* standards for the Delaware Estuary. The EPA recommends that a database of these parameters be developed so that water pollution control agencies can begin the transition process to the new bacterial indicators. It is envisioned that *E. coli* will become a routine parameter for all river sites in 1993.

West End Beach on the Delaware River in Port Jervis, New York, was closed twice during the summer by the City of Port Jervis. The first closure occurred on August 5 and 6 as a result of high fecal coliform bacterial levels in samples collected by the City. The second closure occurred on August 14 and 15, 1992, again, as a result of high fecal coliform levels found in samples collected on August 10. The cause(s) for the high values was not ascertained.

The Scenic Rivers Monitoring Program sampled the river in the vicinity of the swimming area, both upstream and downstream, but did not sample at the frequency required for assessing bathing waters. The SRMP data were typically low and did not indicate any excursions of fecal bacteria levels beyond the standards. SRMP data for Port Jervis Beach are presented in Appendix G-1.

In 1992, the Pennsylvania Department of Environmental Resources initiated a statewide zebra mussel monitoring program. The Delaware River Basin Commission contributed \$1000 to the Department for the construction of monitors. As an adjunct to the SRMP, two zebra mussel monitoring sites were maintained in the Delaware River Scenic and Recreational segments, one at Milford Beach, Pennsylvania and another at Lackawaxen, Pennsylvania. The monitor at the Lackawaxen site was stolen. A safer site was selected just upstream of Narrowsburg, New York

¹ **Ambient Water Quality Criteria for Bacteria - 1986**, EPA440/5-84-002, January 1986.

Although zebra mussels have not been found in the Delaware River basin, there have been sightings in adjacent waters, i.e., the Susquehanna River below Johnson City, New York and four locations in the Hudson River. The most likely mode of interbasin transport of the zebra mussel in waters such as the upper Delaware River basin is recreational boat engine cooling water and angler's bait bucket water². Waterfowl have also been considered as possible transport mechanisms.

Once established, the mussel is prolific, producing 30,000 to 40,000 eggs per year. Spawning occurs when water temperature reaches 12° C (54°F). The impact on recreation waters such as the Upper Delaware River can only be assumed based on experiences in other water bodies. In those areas, footgear for bathers became a necessity to prevent cuts from the zebra mussel shells. In other cases, decomposition of mussels caused obnoxious smells. Downstream water users could experience blockages of water intake structures.

Monitoring for zebra mussels will continue in 1993.

PROGRAM FINDINGS

1. **GENERAL FINDINGS:** The 1992 Commission/National Park Service monitoring program revealed no new water quality problems at the river and tributary sites sampled. In general, satisfactory water quality existed at nearly all monitoring sites. Dissolved oxygen values were high albeit with occasional supersaturated conditions; nutrients, fecal coliform, biochemical oxygen demand, and other values were usually low (except as noted in the Model Input Studies section); and conductivity, pH and water temperature were normal.

Nutrient data are presented in Appendices B, C, D, and E; fecal coliform, E. coli and BOD₅ data are presented in Appendices F, G, H, and I.

A comparison of the parallel sampling, logarithmic average results for escherichia coli and fecal coliform is displayed in Figure 3. For ease of comparison, the water quality standards in existence during the time of the study are presented. River mile 258 is above Port Jervis, New York and river mile 210 is at the Delaware Water Gap. These data reflect the influences of urbanization and treated wastewater discharge. This can be seen in the peak just below Port Jervis and the gradual decline until the Brodhead Creek enters the river and another peak effect is produced. The low E. coli value above river mile 246 appears to be an anomaly. While the drop is mirrored in the fecal coliform data, the value appears to be out of range. Because of funding limitations, E. coli tests were limited to the DWGNRA.

Figure 4 displays the logarithmic average of the fecal coliform data for the entire study reach. The decline in fecal coliform levels from the Buckingham Access are probably a reflection of the elevated coliform levels from the Hancock, New York sewage

² Sea Grant Coastal Resources Fact Sheet, Cornell Cooperative Extension, State University of New York November, 1991.

treatment facility and/or other bacterial sources in the West and East Branches of the Delaware River. These levels are, however, well within the definition of existing water quality contained in the revised Basin Regulations - Water Quality.

Figure 3.

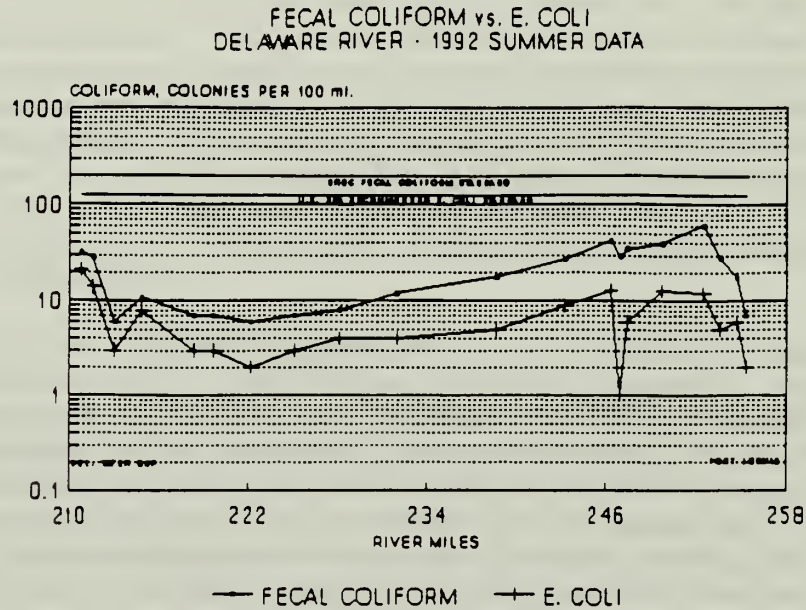
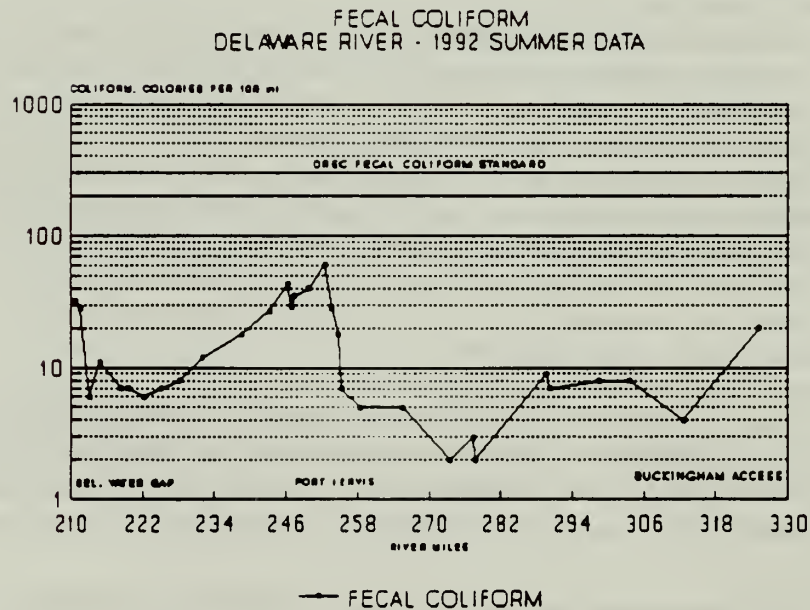


Figure 4



The completion of the Callicoon (Town of Delaware) sewage conveyance and treatment plant system resulted in significant improvements in Callicoon Creek. During 1991, fecal coliform values in Callicoon Creek ranged from 196 to 1600 colonies/ 100 ml. with a logarithmic average of 947. In 1992, the fecal coliform values ranged from 2 to 70 colonies/100 ml. with a logarithmic average of 26.

The 1991 SRMP Report discussed possible improvement in the Brodhead Creek. Arithmetic average fecal coliform values observed in 1984 to 1990 period generally ranged between 400 to greater than 500 colonies/100 ml. In 1991, however, the mean observed value was 110/100 ml. In 1992, the arithmetic mean was 228 colonies/100 ml, still an improvement over the 1984 to 1990 period. One possible reason for the increased fecal coliform values in 1992 at the Brodhead Creek site is an increase in rainfall. During 1991, rainfall measurements at Stroudsburg, PA. for June, July, August and September totaled 13.51 inches; in 1992, the total for the same period was 17.90 inches. Precipitation data are presented in Appendix J.

Also observed in past years, the water quality of the various streams and river locations tended to reflect the degree of urbanization within their watersheds. Notable in this regard are the Neversink River and the Shawnee and Cherry Creeks (Monroe County, Pennsylvania). Slateford Creek is in a rural area, however, downstream from a farming area. Occasional high values were encountered.

2. **MODEL INPUT STUDIES:** 1992 represented the fourth year for collecting the specialized data needed for the development of a scenic rivers model. Total orthophosphate, total phosphorus, nitrite plus nitrate, ammonia plus ammonium, and total Kjeldahl nitrogen were sampled at 36 tributary sites and 32 river sites from Hancock, New York to the downstream boundary of the DWGNRA. In addition to the nutrient data, biochemical oxygen demand (BOD) data were also obtained from the same locations.

Data collected for model development including tributary flow rating curves, time of travel and dispersion, and other related data will be the subject of a series of reports leading to model development.

Nutrient, BOD, and fecal coliform data collected in 1992, for modeling purposes, are presented in Appendices B through I for river and tributary sites. River and tributary data were collected as 2-sample composites across the flowing section of the respective cross sections.

Results of the 1992 modeling data are summarized in Figures 5 through 9. Arithmetic averages were used to present relative differences between sites. An arithmetic average will either equal or be greater than a geometric average.

Ammonia + ammonium nitrogen data for the Delaware River are presented in Figure 5. Ammonia-nitrogen serves as an indicator of organic pollution and it is a product of the natural breakdown of protein containing material.

These data show elevated levels of ammonia-nitrogen in the built up areas along the river. The peaks at river mile 303 and 289 are Callicoon and Narrowsburg, New York, respectively. The sharp increase below river mile 254 is below Matamoras, Pennsylvania and Port Jervis, New York and suggests the influence of the Neversink River, as reflected in the data displayed in Appendix E-1. The concentrations in the river below the Neversink River are higher than those in 1991. This may be the influence of greater rainfall in 1992.

Figure 5

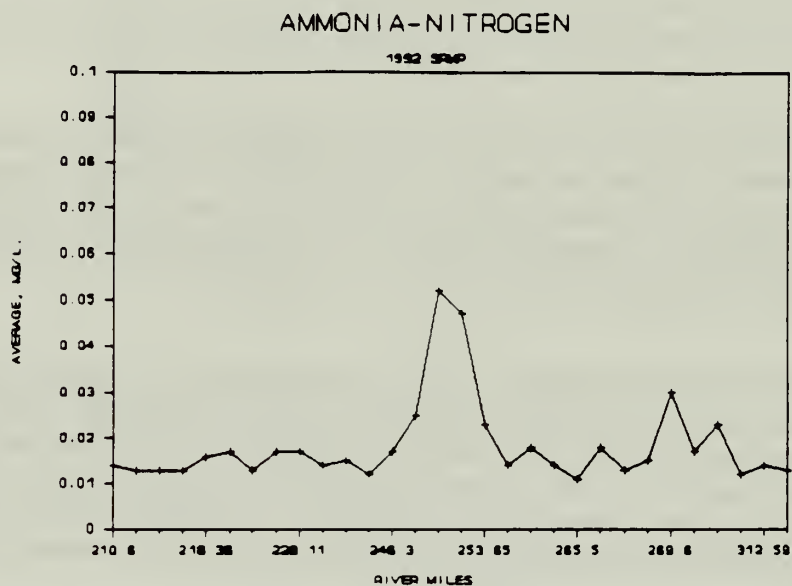
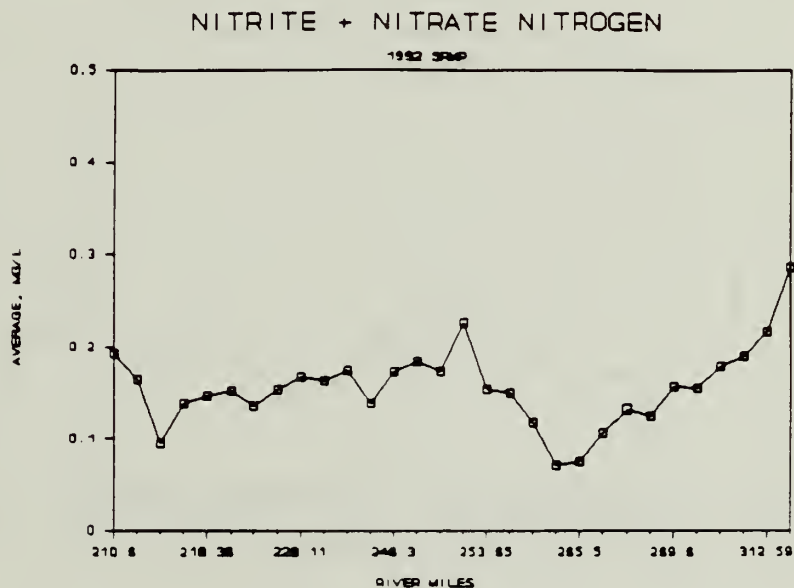


Figure 6 displays nitrite + nitrate nitrogen. These are products of the biochemical oxidation of ammonia + ammonium nitrogen and are a measure of the ability of the river system to assimilate pollution. Note the gradual decline in nitrite + nitrate nitrogen concentrations from the confluence of the East and West Branches downstream to just above Port Jervis and then renewed elevated levels declining downstream to just above the Delaware Water Gap. The former suggests the influence of the reservoir releases and urbanization affecting the assimilative capacity of the river. The sharp increase at the Delaware Water Gap suggests the contribution of the Brodhead and Cherry Creeks. The nitrate + nitrite nitrogen data for these tributaries is much higher than adjacent streams.

Figure 6



Total Kjeldahl Nitrogen (TKN) which is the sum of NH_3 , NH_4 , and organic nitrogen, is another indicator of water quality. Typical concentrations can range from a few hundredths of a milligram per liter, i.e., 0.300 mg/l, in good quality waters to more than 20 mg/l in raw sewage. Figure 7 displays the average TKN values in the Delaware River for 1992. The average values differ from location to location, however, the overall trend appears to show an increase in the downstream stations. Tributaries in the UDSRR all reported higher values for those samples collected on August 20. This is most likely the result of runoff from a rainstorm that occurred the previous day. Similar results are reflected for tributaries in the DWGNRA. In this instance, the rainfall event, over one inch, occurred on August 18.

Figure 7

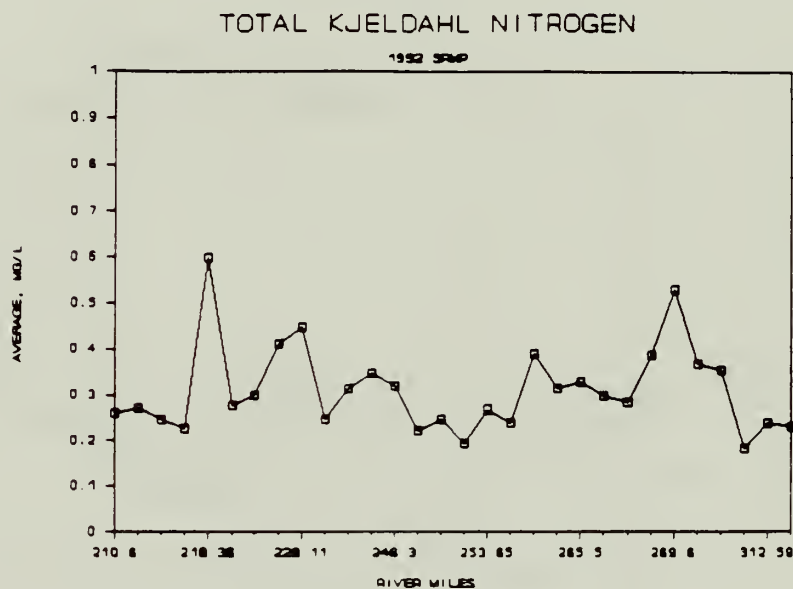


Figure 8 displays the average Total Phosphorus concentrations for the 1992 sampling. Phosphorus occurs in natural waters and in wastewaters, almost solely as phosphates. The sharp peak that is shown at river mile 247.4 is the result of one sample recorded on August 4, 1992. Other samples taken at that location were in the normal range of values of adjacent sites. The high value may, therefore, be an anomaly. Orthophosphates were also analyzed during the 1992 sampling program. Orthophosphate is applied to agricultural and residential land in fertilizers and can be carried into surface water by storm runoff. A majority of the orthophosphate river samples values were recorded as below the detection levels. The orthophosphate value for August 4, 1992 at river mile 247.4 was 0.010 mg/l. The occasional higher total phosphorus and total orthophosphate values in the tributaries coincide with rainfall events.

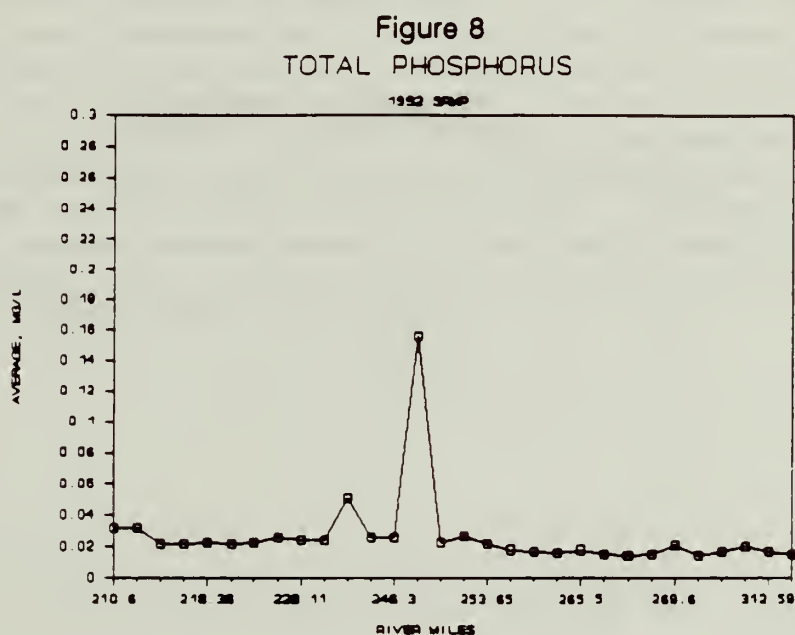
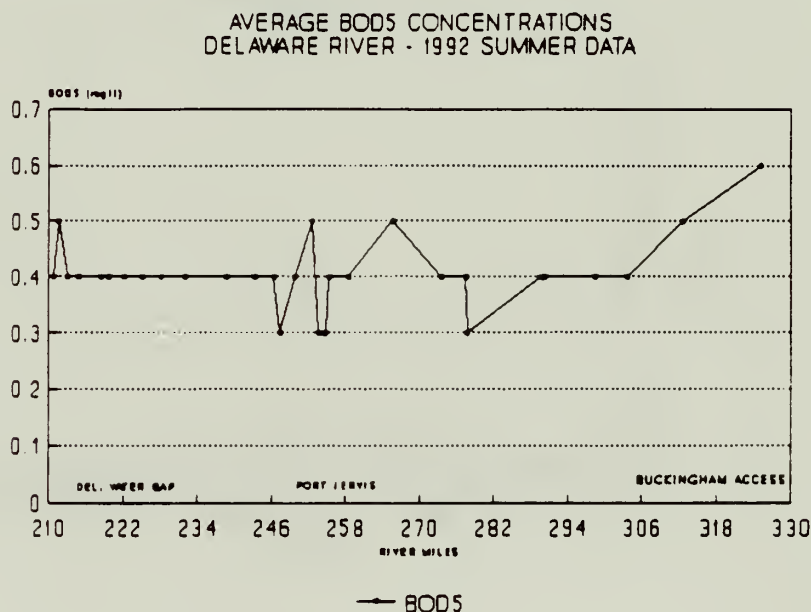


Figure 9 shows the average biochemical oxygen demand (BOD₅) concentrations in the Delaware River. The BOD₅ test is used as a basis for evaluating the purification or assimilative capacity of waters, and it is used as an indicator of the oxygen that will be consumed by wastes in the streams, thus affecting the dissolved oxygen content of the waters. The averages shown in this graph include values considered as less than the sensitivity of the test. Therefore, the average actually presents a situation that is greater (or worse) than what is occurring in the river. The graph shows decreasing concentrations of BOD₅ from the Buckingham Access area. This site is below the Hancock, New York sewage treatment facility (the confluence of the West and East Branches). Although the concentration at Buckingham is very low, less than 1 mg/l, this level when compared to background appears high.

Figure 9



Cherry Creek and Slateford Creek had BOD₅ that indicated pollution problems. On July 9 and 23, and August 27, Cherry Creek had readings of 2.86, 1.64, and 5.29 mg/l, respectively. Slateford Creek had a reading of 5.53 mg/l on July 23, 1992. The high readings for July 9 and 23 coincide with rainfall events.

These river and tributary values will be used to calibrate transformation and decay rates for these parameters in a water quality model that is currently being developed by the DRBC.

OTHER ACTIVITIES IN THE SCENIC RIVERS AREA

Other Monitoring Programs

The States of New Jersey, New York and Pennsylvania routinely sample selected sites on the Delaware River and tributary streams. In Pennsylvania, Monroe and Pike Counties each have their own monitoring programs for streams within their boundaries.

River Clean-up Programs

While not related to the SRMP, there are activities that have been undertaken to protect and improve the aesthetic appearance of the Delaware River. Three separate river clean-up efforts were undertaken in the Delaware River Corridor during 1992. Kittatinny Canoes, a canoe livery, annually hosts clean-up weekends utilizing volunteers. The 1992 clean-up was held for three days in July; 520 volunteers participated and over 20 tons of trash were removed from the river from Ten Mile River to the Delaware Water Gap, over 70 river miles. More than 300 tires were also recovered. Personnel from the UDSRR conducted a one-day clean-up effort which yielded 40 tires and 30 bags of trash. The 35 NPS personnel cleaned-up the stretch between Hancock, New York to Ten Mile River, approximately 48 river miles. In addition to the river clean-up programs, NPS personnel maintain recycling bins at eight public access sites. The collectibles are taken to a church group in Callicoon, New York for sorting and recycling. For the 1992 season, 22,000 beverage containers were recycled.

APPENDIX A
ROUTINE MONITORING DATA

Key

C= Value calculated
K= Less Than
L= Greater Than

STORET RETRIEVAL DATE 92/11/18

PGM=RET

PAGE: 1

DRBC/NPS002

40 56 43.0 075 07 19.0 2

AT OEMA BOUNDARY, CEMENT WALL ALONG CREEK

42095 PENNSYLVANIA NORTHAMPTON

NORTH ATLANTIC 020300

SLATEFORD CREEK RM 209.5,1.0

31DRBCSP 911019

0000 FEET DEPTH 02040105030 0002.230 OFF

/TYPA/AMBT/STREAM/BIO

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CONDUCTIVITY AT 25C MICROMHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4-N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L	70507 PHOS-T ORTHO MG/L
92/07/02	1310	WATER		8.1	19.9	21.0	100	7.00	.313	.010K	.28	.034	.010K
92/07/09	1255	WATER		8.0	21.2	26.0	85	7.50	.155	.015	.18	.044	.010K
92/07/13	1200	WATER		8.3	20.9	24.0	50	7.50	.162	.019	.22	.058	.010K
92/07/15	1200	WATER		7.9	23.0	28.0	96	7.00					
92/07/23	1230	WATER		8.6	19.3	16.5	110	7.50	.681	.013	.21	.073	.070
92/07/28	1000	WATER		7.6	17.8	18.0	120	7.50	.318	.261	.38	.024	.010K
92/08/06	1205	WATER		8.7	18.5	20.0	119	7.50	.100K	.011	.10	.034	.010K
92/08/11	1045	WATER		8.5	20.4	23.0	101	7.50	.203	.014	.18	.050	.010K
92/08/20	1230	WATER		8.9	17.8	19.5	132	7.50	1.470	.010K	.14	.025	.010K
92/08/27	1305	WATER		8.2	21.3	26.0	128	7.50	.404	.014	.14	.021	.010K
92/09/01	1215	WATER		8.2	16.7	18.0	131	7.00	.100K	.010K	.21	.010K	.010K

STORET RETRIEVAL DATE 92/11/10

PGM=RET

PAGE: 2

/TYPA/AMBT/STREAM/BIO

ORBC/NPS002
40 56 43.0 075 07 19.0 2
AT DEWA BOUNDARY, CEMENT WALL ALONG CREEK
42095 PENNSYLVANIA NORTHAMPTON
NORTH ATLANTIC 020300
SLATEFORD CREEK RM 209.5,1.0
31DRBCSP 911019 02040105030 0002.230 OFF
0000 FEET DEPTH

DATE FROM TO	TIME OF DAY	MEDIUM	SM# OR DEPTH (FT)	00310 BOD 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE DISS-180 C MG/L	31616 FEC COLI /100ML	31633 E. COLI THERMIOL #/100ML	31673 FECSTREP MPKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
92/07/02	1310	WATER		.3K	7	66	38			1
92/07/03	1300	WATER			16	58	1840			2
92/07/09	1255	WATER		1.1						
92/07/10	1045	WATER		.4	12	73	81			
92/07/13	1200	WATER					38			
92/07/15	1200	WATER			8	84	137			
92/07/23	1230	WATER		5.5	2	75	14			
92/07/28	1000	WATER		.3K	5	78	6			
92/08/06	1205	WATER		.3K	20	100	220			
92/08/11	1045	WATER		.3						
92/08/20	1230	WATER		.5	4	93	6			
92/08/27	1305	WATER		.3K	4	36	17			
92/09/01	1215	WATER		.3K	1	82	180			

SIORET RETRIEVAL DATE 92/11/18

PGH=RET

PAGE: 7

/TYPE/AMNT/STREAM/BIO

DRBC/NPS107
41 19 08.0 074 47 32.0 2
DEL RIV NORTH OF VANDERMARK CR
42103 PENNSYLVANIA PIKE
NORTH ATLANTIC 020300
DELAWARE RIVER ZONE 1
31DRBCSP 880227 02040104
0000 FEET DEPTH

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00310 BOD 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE DISS-180 C MG/L	31616 FEC COL1 MFH-FCBR /100ML	31633 E. COLI THERMITOL #/100ML	31673 FECSTREP MFKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
92/06/30	1300	WATER		.5			18	17		
92/07/07	1305	WATER		1.0			29	1		
92/07/21	1315	WATER		.3K	1	52	16	1K		
92/08/18	1150	WATER		.3K	1K	68	52	1		
92/08/25	1215	WATER		.3K	1K	59	84	38		

STORET RETRIEVAL DATE 92/11/18

PCM=RE1

PAGE: 8

DRBC/NPS108
41 20 38.0 074 45 39.0 2
CUMMINS CR
42103 PENNSYLVANIA PIKE
NORTH ATLANTIC 020300
DELAWARE RIVER ZONE 1
31DRBCSP 880227 02040104
0000 FEET DEPTH

/TYPE/AMBT/STREAM/BIO

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CONDUCTIVITY AT 25C MICROHMO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/06/01	1440	WATER		10.2	11.0	16.0	29	6.50					
92/06/18	1010	WATER		10.4	12.0	18.0	28	6.50					
92/06/30	1445	WATER		8.8	14.9	22.0	58	6.50	.420	.010K	.08	.020	.011
92/07/07	1030	WATER		9.7	13.6	22.0	59	6.50	.345	.010K	.08	.015	.012
92/07/21	1014	WATER		8.9	15.9	22.0	60	6.50	.100K	.043	.13	.022	.010
92/08/04	0940	WATER		9.4	14.7	19.0	57	6.50	.109	.051	.10	.019	.011
92/08/18	1015	WATER		9.5	14.0	15.0	54	6.50	.100K	.010	.12	.020	.011
92/08/25	1030	WATER		9.5	14.0	19.5	61	6.50	.671	.015	.14	.020	.012

11

SIOMET RETRIEVAL DATE 92/11/18

PGM=REI

PAGE: 3

DRBC/NPS01

40 58 03.0 075 07 15.0 2

JUST UPSTREAM OF ARROW ISLAND, ON PA SIDE

42095 PENNSYLVANIA NORTHAMPTON

NORTH ATLANTIC 020300

DELAWARE RIVER RM 211.1

310RBCSP 910309

0000 FEET DEPTH

02040105020 0004.100 ON

/TYPE/AMBT/STREAM/BIO

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00300 00 MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CONDUCTIV AT 25C MICROMHO	00400 PH	00625 TOT KJEL N MG/L	00610 NH3+NH4- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/08/20	1400	WATER		9.5	19.9	22.0	96	7.30					

SIORLI RETRIEVAL DATE 92/11/18

PGH=RE1

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/T/PA/AMBT/STREAM/BIO

DRBC/NPS1

40 58 12.0 075 07 40.0 2
DEL RIV AT KITTYATINNY ACCESS AREA
34041 NEW JERSEY WARREN
NORTH ATLANTIC 020300
DELAWARE RIVER ZONE 1
31DRBCSP 860614 02040104001 0001.200 ON
0000 FEET DEPTH

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CNOUCTIVY AT 25C MICROMHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/07/02	1250	WATER		8.8	25.0	26.5		7.00	.268	.010K	.12	.040	.012
92/07/09	1230	WATER		9.0	25.0	33.0		7.00	.100K	.014	.35	.040	.020
92/07/14	0820	WATER		6.7	23.0	21.0	109	6.50					
92/07/23	1258	WATER		7.9	24.0	19.0		7.00	.100K	.023	.24	.028	.016
92/07/29	0940	WATER		7.5	21.0	23.2	74	7.00					
92/08/06	1230	WATER		8.9	21.5	26.5		7.50	.336	.012	.07	.025	.010K
92/08/20	1255	WATER		9.6	23.0	23.0		7.50	.902	.010K	.07	.022	.010K
92/08/27	1325	WATER		9.3	24.0	32.5		9.00	.100K	.010K	.05K	.025	.010K
92/09/09	1045	WATER		7.4	21.0	26.0	83	7.00					

SIOTRE RETRIEVAL DATE 92/11/18

PGM=RET

PAGE: 5

/TYPA/AMBT/STREAM/BIO

ORBC/NPS1

40 58 12.0 075 07 40.0 2
OEL RIV AT KITTAUINNY ACCESS AREA
34041 NEW JERSEY WARREN
NORTH ATLANTIC 020300
DELAWARE RIVER ZONE 1
310RBCSP 860614
0000 FEET DEPTH

02040104001 0001.200 ON

DATE FROM TO	TIME OF DAY	MEDIUM	SAK OR DEPTH (FT)	00310 ROO 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE DISS-180 C MG/L	31616 FEC COLI MFM-FCBR /100ML	31633 E.COLI THERMIOL #/100ML	31673 FECSTREP MFKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
92/07/02	1250	WATER		.8			9	6		
92/07/09	1230	WATER		.8			460	300		
92/07/14	0820	WATER					78			
92/07/23	1258	WATER		.3	2	50	28	30		
92/07/29	0940	WATER					28			
92/08/06	1230	WATER		.3K	2	49	16	5		
92/08/20	1255	WATER		.3K	2	73	14	4		
92/08/27	1325	WATER		.3K	1	54	18	7		
92/09/09	1045	WATER					20			

STORET RETRIEVAL DATE 92/11/18

PGM=RET

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/TYPE/AMBT/STREAM/BIO

DRBC/NPS107
41 19 08.0 074 47 32.0 2
DEL RIV NORTH OF VANDERMARK CR
42103 PENNSYLVANIA PIKE
NORTH ATLANTIC 020300
DELAWARE RIVER ZONE 1
31DRBCSP 880227 02040104
0000 FEET DEPTH

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CONDUCTVY AT 25C MICROMHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/06/30	1300	WATER			22.5	31.0		7.50	.566	.010K	.16	.024	.010K
92/07/07	1305	WATER		8.8	23.0	24.5		7.00	.198	.017	.31	.031	.011
92/07/21	1315	WATER		8.7	25.5	24.0		7.00	.179	.034	.24	.030	.010K
92/08/04	1140	WATER			21.5	25.0		7.00					
92/08/18	1150	WATER			20.0	19.0		7.00	.159	.011	.23	.019	.010K
92/08/25	1215	WATER		9.9	24.0	29.0		8.00	.208	.016	.06	.021	.010K

SIOTRET RETRIEVAL DATE 92/11/18

PGM=REI

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/TYPA/AMNT/STREAM/BIO

DRBC/NPS108
41 20 38.0 074 45 39.0 2
CURTINS CR
42103 PENNSYLVANIA PIKE
NORTH ATLANTIC 020300
DELAWARE RIVER ZONE 1
31DRBCSP 880227 02040104
0000 FEET DEPTH

DATE FROM TO	TIME OF DAY	MEDIUM	SHK OR DEPTH (FT)	00310 BOD 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE DISS-180 C MG/L	31616 FEC COLI MFM-FCBR /100ML	31633 E.COLI THERMOL #/100ML	31673 FECSTREP MFKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
92/06/01	1440	WATER					62		148	21
92/06/18	1010	WATER					5			6
92/06/30	1445	WATER		.3K	14	48	7			1C
92/07/07	1030	WATER		1.4	1K	46	7			5C
92/07/21	1014	WATER		.3K	1K	37	4			2
92/08/04	0940	WATER		.3K	1K	62	10			4
92/08/18	1015	WATER		.3K	1	43	7			5
92/08/25	1030	WATER		.3K	1K	40	3			.5C

STORET RETRIEVAL DATE 92/11/18

PGM=REI

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DRBC/NPS1081
41 20 37.0 074 45 28.0 2
DELAWARE RIVER AT NORTHERN DEMA BOUNDARY (PA)
42103 PENNSYLVANIA PIKE
NORTH ATLANTIC 020300
DELAWARE RIVER - ZONE 1 RM250.2/
31DRBCSP 881227
0000 FEET DEPTH 02040104007 0003.200 ON

/TYP/AMBIT/STREAM/BIO

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00300 MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CNDUCTVY AT 25C MICROMHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L	70507 PHOS-T ORTHO MG/L
92/05/13	1308	WATER			19.1	26.4	73	7.00					
92/06/01	1146	WATER		9.3	14.5	19.0	43	7.00					
92/06/30	1145	WATER			22.0	28.0			.617	.170	.16	.023	.010K
92/07/07	1225	WATER		9.0	22.5	21.8		7.00	.109	.013	.32	.028	.016
92/07/21	1230	WATER		8.8	25.0	24.0		7.00	.100K	.032	.21	.026	.010K
92/08/12	1000	WATER		9.3	21.0	23.0	72	7.00					

STORET RETRIEVAL DATE 92/11/18

PGM=RET

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DRBC/NPS1081

41 20 37.0 074 45 28.0 2

DELAWARE RIVER AT NORTHERN DEMA BOUNDARY (PA)
42103 PENNSYLVANIA PIKE

NORTH ATLANTIC 020300

DELAWARE RIVER - ZONE 1 RM250.2/

310RBCSP 881227

0000 FEET DEPTH

02040104007 0003.200 ON

/TYPA/AMBNT/STREAM/BIO

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00310 BOD 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE DISS-180 C MG/L	31616 FEC COLI MFM-FCBR /100ML	31633 E.COLI THERM10L #/100ML	31673 FECSIREP MFKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
92/06/01	1146	WATER					260			
92/06/30	1145	WATER		.5			20	17		
92/07/07	1225	WATER		.9			53	4		
92/07/21	1230	WATER		.3K	2	44	13	1		
92/08/12	1000	WATER					42			

STORET RETRIEVAL DATE 92/11/18

PGM=RET

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/TYPE/AMBNT/STREAM/BIO

DRBC/NPS109

41 21 32.0 074 41 39.0 2
DEL RIV UPSTREAM OF NEVERSINK RIVER
42103 PENNSYLVANIA PIKE
NORTH ATLANTIC 020300
DELAWARE RIVER ZONE 1
31DRBCSP 880227 02040104
0000 FEET DEPTH

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CONDUCTVY AT 25C MICROMHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4-- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/06/30	1015	WATER			22.0	28.0		7.00	.611	.020	.13	.020	.010K
92/07/07	1015	WATER		8.7	22.5	26.0		7.00	.160	.022	.28	.044	.010K
92/07/21	1025	WATER		8.2	25.0	25.0		7.00	.100K	.038	.20	.023	.010K
92/08/04	0945	WATER			22.0	24.0		7.00	.147	.015	.09	.022	.010K
92/08/18	0950	WATER			20.0	20.0		6.50	.279	.025	.17	.011	.010K
92/08/25	1000	WATER		8.6	24.0	23.0		7.00	.306	.016	.05K	.014	.010K

STORE 1 RETRIEVAL DATE 92/11/18

PGM=RET

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DRBC/NPS109
41 21 32.0 074 41 39.0 2
DEL RIV UPSTREAM OF NEVERSINK RIVER
42103 PENNSYLVANIA PIKE
NORTH ATLANTIC 020300
DELAWARE RIVER ZONE 1
31DRBCSP 880227 02040104
0000 FEET DEPTH

/TYPE/AMBT/STREAM/BIO

DATE FROM TO	TIME OF DAY	MEDIUM	SHK OR DEPTH (FT)	00310 BOD 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE DISS-180 C	31616 FEC COLI MFM-FCBR /100ML	31633 E.COLI THERMOTOL #/100ML	31673 FECSTREP MFKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
92/06/30	1015	WATER		.6			19	20		
92/07/07	1015	WATER		.7			23	4		
92/07/21	1025	WATER		.3K	1	49	21	1K		
92/08/04	0945	WATER		.3K	1K	69	30	19		
92/08/18	0950	WATER		.3K	1	52	60	1		
92/08/25	1000	WATER		.3K	2	58	31	16		

STORE RETRIEVAL DATE 92/11/18

PGH=REI

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ORBC/NPS110
41 22 36.0 074 42 21.0 2
DEL RIV AT PORT JERVIS BEACH
36071 NEW YORK
NORTH ATLANTIC
ORANGE
020300
DELAWARE RIVER ZONE 1
31ORBCSP 880227
0000 FEET DEPTH
02040104

/TYPE/AMBT/STREAM/BIO

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00300 00 MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CONDUCTIV AT 25C MICROMHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/06/30	0935	WATER			22.0	26.5		7.00	.687	.011	.15	.020	.010K
92/07/02	1517	WATER			22.0	22.0		7.00	.447	.010K	.07	.022	.010K
92/07/07	0924	WATER		8.6	22.0	22.0		7.00	.134	.017	.29	.017	.010K
92/07/09	1405	WATER		8.7	25.0	34.0	80	7.00	.239	.010K	.13	.014	.010K
92/07/21	0940	WATER		7.9	24.5	23.5		7.00	.340	.028	.20	.026	.010K
92/07/23	1415	WATER			22.0	19.5	62	6.50	.100K	.019	.08	.011	.010
92/08/04	0910	WATER			21.0	20.0		7.00	.100K	.053	.10	.021	.010K
92/08/06	1345	WATER		9.2	24.0	28.8		7.50	.100K	.014	.05	.020	.010K
92/08/12	0920	WATER		8.0	20.5	21.8	66	7.00	.100K	.015	.15	.011	.010K
92/08/18	0915	WATER		7.6	20.0	20.0		7.00	.838	.012	.10	.015	.010K
92/08/20	1425	WATER			24.0	22.0		7.50	1.470	.013	.05K	.012	.010K
92/08/25	0915	WATER		7.5	24.0	22.0		7.50	.100K	.010K	.05K	.015	.010K
92/08/27	1425	WATER			18.5	18.0	65	7.00					
92/09/01	0900	WATER		7.9	18.5	18.0		7.00					

STORE1 REIRIEVAL DATE 92/11/18

PGM=RET

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/TYPE/AMBT/STREAM/BIO

DRBC/NPS110
41 22 36.0 074 42 21.0 2
DEL RIV AT PORT JERVIS BEACH
36071 NEW YORK ORANGE
NORTH ATLANTIC 020300
DELAWARE RIVER ZONE 1
31DRBCSP 880227 02040104
0000 FEET DEPTH

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00310 BOO 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE DISS-180 C	31616 FEC COLI MFM-FCBR /100ML	31633 E.COLI THERMTOL #/100ML	31673 FECSTREP MFKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
92/06/30	0935	WATER		.5			17	7		
92/07/02	1517	WATER		1.0			2			
92/07/07	0924	WATER		.8			13	1		
92/07/09	1405	WATER		.7			1			
92/07/21	0940	WATER		.3K	2	59	1	1K		
92/07/23	1415	WATER		.3			10			
92/08/04	0910	WATER		.3K	1K	88	6	1		
92/08/06	1345	WATER		.3K			2			
92/08/12	0920	WATER					25			
92/08/18	0915	WATER		.3K	1K	54	10	1		
92/08/20	1425	WATER		.3K	1K	56	53			
92/08/25	0915	WATER		.3K	1K	57	14	16		
92/08/27	1425	WATER		.3K			6	1K		
92/09/01	0900	WATER					65			

STORET RETRIEVAL DATE 92/11/18

PGH=RET

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DRBC/NPS1111

41 22 20.0 074 41 49.0 2

DEL RIVER AT PORT JERVIS/MATAHORAS BR. (NY)

36071 NEW YORK

NORTH ATLANTIC

DELAWARE RIVER - ZONE 1 RM254.8/

31DRBCSP 890225

02040104007 0001.100 ON

0000 FEET DEPTH

/TYPA/AMBNT/STREAM/BIO

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CONDUCTIVITY AT 25C MICRONHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4-- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/06/30	0950	WATER				26.0		7.50	.642	.011	.14	.019	.010K
92/07/07	0950	WATER		8.7	22.0	22.5		7.00	.115	.012	.28	.016	.010K
92/07/14	1050	WATER		8.6	23.0	28.0	77	7.00					
92/07/21	1000	WATER		8.1	25.0	24.0		7.00	.100K	.019	.19	.020	.010K
92/08/04	0925	WATER			21.5	24.0	67	7.00	.210	.013	.10	.028	.010K
92/08/12	0935	WATER		8.4	20.2	21.8		7.00		.012	.15	.010	.010K
92/08/18	0930	WATER			20.0	20.0		7.00	.152	.015	.05K	.012	.010K
92/08/25	0935	WATER		8.7	24.0	23.0		7.50	.202			.012	.010K

STORET RETRIEVAL DATE 92/11/18

PGM=RET

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/TYPE/AMBN/STREAM/BIO

ORBC/NPS1111

41 22 20.0 074 41 49.0 2

OEL RIVER AT PORT JERVIS/MATAMORAS BR. (NY)

36071 NEW YORK ORANGE

NORTH ATLANTIC 020300

OELAHARE RIVER - ZONE 1 RM254.8/

310RBCSP 890225

0000 FEET DEPTH

02040104007 0001.100 ON

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00310 BOD 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE OISS-180 C MG/L	31616 FEC COLI MFH-FCBR /100ML	31633 E. COLI THERMTOL #/100ML	31673 FECSTREP MKKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
92/06/30	0950	MATER		.5				25	25	
92/07/07	0950	MATER		.8				23	5	
92/07/14	1050	MATER					400			
92/07/21	1000	MATER		.3K	1	53	5	5	1K	
92/08/04	0925	MATER		.3K	1	62	18	10	10	
92/08/12	0935	MATER					292			
92/08/18	0930	MATER		.3K	1K	43	43	12	12	
92/08/25	0935	MATER		.3K	1K	63	22	2	2	

STORET RETRIEVAL DATE 92/11/18

PCH=RET

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/TYPE/AMBT/STREAM/BIO

DRBC/NPS112
 41 24 23.0 074 44 21.0 2
 DEL RIV AT MILLRIFT
 42103 PENNSYLVANIA PIKE
 NORTH ATLANTIC 020300
 DELAWARE RIVER ZONE 1
 31DRBCSP 880227
 0000 FEET DEPTH 02040104

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CNDUCTVY AT 25C MICROMHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/06/10	1329	WATER		9.8	18.5		48	6.50					
92/06/18	1410	WATER		8.9	21.0	27.0	60	7.00					
92/06/25	1355	WATER		9.7	19.5	25.0	54	7.00					
92/07/02	1455	WATER							.300	.010K	.05K	.020	.010K
92/07/09	1345	WATER		8.7	24.0	32.0	74	7.00	.129	.012	.10	.013	.010K
92/07/15	1500	WATER		8.7	25.5	29.0	79	7.00					
92/07/23	1355	WATER			21.0	18.0	58	6.50	.705	.016	.07	.010K	.010K
92/08/06	1320	WATER		9.3	23.0	25.0		7.50	.100K	.020	.07	.022	.010K
92/08/13	1440	WATER		9.7	20.4	24.0	59	7.00					
92/08/27	1350	WATER		9.5	25.7	31.8		8.00	.324	.010	.07	.016	.010K

-

11

STORET RETRIEVAL DATE 92/11/18

PGH=RET

PAGE: 19

/TYP/A/MBNT/STREAM/BIO

ORBC/NPS112
41 24 23.0 074 44 21.0 2
DEL RIV AT MILLRIFT
42103 PENNSYLVANIA PIKE
NORTH ATLANTIC 020300
DELAWARE RIVER ZONE 1
310RBCSP 880227 02040104
0000 FEET DEPTH

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00310 BOD 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE DISS-180 C MG/L	31616 FEC COLI MFM-FCBR /100ML	31633 E. COLI THERMITOL #/100ML	31673 FECSTREP MFKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
92/06/10	1329	WATER								
92/06/18	1410	WATER								
92/06/25	1355	WATER								
92/07/02	1455	WATER		.5						
92/07/09	1345	WATER		.5						
92/07/15	1500	WATER								
92/07/23	1355	WATER		.3K						
92/08/06	1320	WATER		.3K						
92/08/13	1440	WATER								
92/08/27	1350	WATER		.3K						

SIOTRET RETRIEVAL DATE 92/11/18

PGH=RET

PAGE: 21

/TYPA/AMBNT/STREAM/BIO

DRBC/NPS114
41 26 22.0 074 49 12.0 2
OEL RIV AT PONO E00Y (NY)
36105 NEW YORK SULLIVAN
NORTH ATLANTIC 020300
DELAWARE RIVER ZONE 1
31DR8CSP 880227 02040104
0000 FEET DEPTH

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00310 800 5 DAY MG/L	00530 RESIQUE TOT NFLT MG/L	70300 RESIQUE OISS-180 C	31616 FEC COLI MFH-FCBR /100ML	31633 E.COLI THERMTOL #/100ML	31673 FECSTREP MFKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
92/06/18	1330	WATER					3			
92/06/25	1320	WATER					24			
92/07/02	1408	WATER		.8			1			
92/07/09	1300	WATER		.9			3			
92/07/15	1355	WATER					7			
92/07/23	1315	WATER		.4			12			
92/07/29	1420	WATER					21			
92/08/06	1230	WATER		.3K			12			
92/08/20	1400	WATER		.3K			3			
92/08/27	1300	WATER		.3K			8			

STORET RETRIEVAL DATE 92/11/18

PGH=RLT

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/TYPE/AMBT/STREAM/BIO

DRBC/NPS115
41 26 22.0 074 49 12.0 2
DEL RIV AT POND EDOY (PA)
42103 PENNSYLVANIA PIKE
NORTH ATLANTIC 020300
DELAWARE RIVER ZONE I
31DRBCSP 880227 02040104
0000 FEET DEPTH

DATE FROM TO	TIME OF DAY	MEDIUM	SWK OR DEPTH (FT)	00300 00 MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CNOUCTVY AT 25C MICROMHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L	70507 PHOS-T ORTHO MG/L
92/05/28	1412	WATER		11.5	15.0	21.5	52	7.50					
92/07/15	1410	WATER		9.2	24.5	30.8	77	7.00					
92/08/13	1345	WATER		9.0	21.4	22.7	58	7.00					

SIORET RETRIEVAL DATE 92/11/18

PGH=RET

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DR8C/NPS115
41 26 22.0 074 49 12.0 2
DEL RIV AT POND EDDY (PA)
42103 PENNSYLVANIA PIKE
NORTH ATLANTIC 020300
DELAWARE RIVER ZONE 1
31DRBCSP 880227 02040104
0000 FEET DEPTH

/TYP/A/AMBT/STREAM/BIO

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00310 BOD 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE DISS-180 C MG/L	31616 FEC COLI MFH-FCBR /100HL	31633 E. COLI THERMITOL #/100ML	31673 FECSTREP MFKFAGAR /100HL	00061 STREAM FLOW, INST-CFS
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92/05/28 1412 WATER
92/07/15 1410 WATER
92/08/13 1345 WATER

4
68
11

STORET RETRIEVAL DATE 92/11/18

PGH=RET

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DRBC/NPS1161
41 36 47.0 075 04 25.0 2
ATCO CREEK AT ROUTE 652 BRIDGE (PA)
42127 PENNSYLVANIA WAYNE
NORTH ATLANTIC 020300
DELAWARE RIVER - ZONE 1 RM289.6/0.5/
31DRBCSP 881227 02040101001 0011.900 OFF
0000 FEET DEPTH

/TYP/A/MBNT/STREAM/BIO

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CONDUCTIV AT 25C MICROMHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4-- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/05/28	1005	WATER		11.0	10.0	18.0	41	7.00					
92/06/10	0945	WATER		10.2	14.1	21.0	39	6.50					
92/06/18	0952	WATER		9.0	15.0	20.5	50	7.00					
92/06/25	0930	WATER		9.7	14.0	18.5	47	7.00					
92/07/15	1010	WATER		8.5	19.0	26.0	72	7.00					
92/07/29	1000	WATER		9.0	15.0	22.0	64	7.00					

STORET RETRIEVAL DATE 92/11/18

PGM=RET

PAGE: 25

DRBC/NPS1161
41 36 47.0 075 04 25.0 2
ATCO CREEK AT ROUTE 652 BRIOGE (PA)
42127 PENNSYLVANIA MAYNE
NORTH ATLANTIC 020300
DELAWARE RIVER - ZONE 1 RH289.6/0.5/
31DRBCSP 881227 02040101001 0011.900 OFF
0000 FEET DEPTH

/TYP/A/AMBT/STREAM/BIO

DATE FROM TO	TIME OF DAY	MEDIUM	SM# OR DEPTH (FT)	00310 BOO 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE DISS-180 C MG/L	31616 FEC COLI /100HL	31633 E. COLI THERMITOL #/100ML	31673 FEC SIREP MFKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
92/05/28	1005	WATER								
92/06/10	0945	WATER								
92/06/18	0952	WATER								
92/06/25	0930	WATER								
92/07/15	1010	WATER								
92/07/29	1000	WATER								

STORET RETRIEVAL DATE 92/11/18

PCM=RET

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DRBC/NPS12
41 22 30.0 074 42 17.0 2
DEL R AT MATAMORAS ACC AREA
42103 PENNSYLVANIA PIKE
NORTH ATLANTIC 020300
DELAWARE RIVER ZONE 1
310RBCSP 860614
0000 FEET DEPTH

/TYPA/AMBNT/STREAM/BIO

02040104023 0001.380 ON

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CONDUCTIVITY AT 25C MICROMHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4-- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/07/15	0930	WATER		8.2	24.5	26.8	85						
92/08/12	0845	WATER		8.7	21.0	21.0	68						
92/08/14	1720	WATER		10.4	20.9	22.0	82						
92/09/01	1005	WATER		10.1	21.0	21.0	69						

STORE RETRIEVAL DATE 92/11/18

PCM=RET

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DRBC/NPS12
41 22 30.0 074 42 17.0 2
DEL R AT MATAMORAS ACC AREA
42103 PENNSYLVANIA PIKE
NORTH ATLANTIC 020300
DELAWARE RIVER ZONE 1
31DRBCSP 860614 02040104023 0001.380 OK
0000 FEET DEPTH

/TYPE/AMBT/STREAM/BIO

DATE FROM TO	TIME OF DAY	MEDIUM	SM* OR DEPTH (FT)	00310 BOD 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE DISS-180 C MG/L	31616 FEC COLI MFM-FCBR /100HL	31633 E. COLI THERMITOL #/100HL	31673 FECSTREP MFKFAGAR /100HL	00061 STREAM FLOW, INST-CFS
92/07/15	0930	WATER		35						
92/08/12	0845	WATER		15						

STORET RETRIEVAL DATE 92/11/18

PGH=RET

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/TYPE/AMBN/STREAM/BIO

ORBC/NPS13

41 28 37.0 074 54 50.0 2

DEL R AT BARRYVILLE AT BRIDGE

36105 NEW YORK SULLIVAN

NORTH ATLANTIC 020300

DELAWARE RIVER ZONE 1

310RBCSP 860614

0000 FEET DEPTH

02040104035 0000.300 ON

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CONDUCTIVITY AT 25C MICRONHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/06/10	1225	WATER		9.6	21.0	31.0	52	6.50					
92/06/18	1227	WATER		8.9	20.5	22.5	63	7.00					
92/06/25	1200	WATER		10.2	20.0	21.5	63	7.00					
92/07/02	1255	WATER							.364	.010K	.09	.025	.010K
92/07/09	1150	WATER							.142	.016	.18	.013	.010K
92/07/15	1320	WATER		9.1	26.0	30.0	83	7.00	.100K	.020	.12	.010K	.010K
92/07/23	1155	WATER			21.2	20.0	64	6.50					
92/07/29	1340	WATER		9.3	22.5	29.5	72	7.50					
92/08/06	1120	WATER		9.3	20.2	22.8			.241	.039	.07	.020	.010K
92/08/20	1325	WATER							.831	.010K	.08	.010	.010K
92/08/27	1140	WATER		9.3	24.7	30.8		7.50	.100K	.010K	.08	.013	.010K

SIOTRET RETRIEVAL DATE 92/11/18

PGM=RET

PAGE: 29

DRBC/NPS13

41 28 37.0 074 54 50.0 2

DEL R AT BARRYVILLE AT BRIDGE

36105 NEW YORK SULLIVAN

NORTH ATLANTIC 020300

DELAWARE RIVER ZONE 1

310RBCSP 860614

0000 FEET DEPTH

02040104035 0000.300 ON

/TYP/A/AMBT/STREAM/BIO

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00310 BOD 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE DISS-180 C MG/L	31616 FEC COLI /100ML	31633 E. COLI THERMTOL #/100ML	31673 FECSTREP MFKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
92/06/10	1225	WATER								
92/06/18	1227	WATER								
92/06/25	1200	WATER								
92/07/02	1255	WATER		.4						
92/07/09	1150	WATER		.7						
92/07/15	1320	WATER								
92/07/23	1155	WATER		.3						
92/07/29	1340	WATER								
92/08/06	1120	WATER		.3K						
92/08/20	1325	WATER		.3K						
92/08/27	1140	WATER		.3K						

STORET RETRIEVAL DATE 92/11/18

PGM=RET

PAGE: 30

ORBC/NPS14
41 28 32.0 074 54 50.0 2
OEL R AT SHOHOLA AT BRIDGE
42103 PENNSYLVANIA PIKE
NORTH ATLANTIC 020300
DELAWARE RIVER ZONE 1
310RBCSP 860614
0000 FEET DEPTH

/TYP/AMBNT/STREAM/BIO

02040104035 0000.300 ON

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CONDUCTVY AT 25C MICROMHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/08/10	1520	WATER		9.2	23.7	24.0	83	8.00					

STORL1 REIRIEVAL DATE 92/11/18

PGM=RET

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/TYPA/AMBNT/STREAM/BIO

DRBC/NPS15

41 29 20.0 074 59 12.0 2

DEL R AT LACKAMAXEN ACC AREA

42103 PENNSYLVANIA PIKE

NORTH ATLANTIC 020300

DELAWARE RIVER ZONE 1

31DRBCSP 860614

HQ 02040101001 0000.450 OFF

0000 FEET DEPTH

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CNDUCTVY AT 25C MICROMHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/05/28	1226	WATER		11.0	14.8	25.0	49	7.00					
92/06/10	1115	WATER		9.5	16.0	25.0	51	7.00					
92/06/18	1145	WATER		8.3	21.5	23.5	60	7.00					
92/06/25	1125	WATER		9.3	18.0	22.0	53	7.00					
92/07/02	1150	WATER							.453	.010	.14	.020	.010K
92/07/09	1055	WATER		8.0	23.8	29.0	75	7.00	.100K	.014	.16	.013	.010K
92/07/15	1140	WATER		7.9	26.0	28.0	86	7.00					
92/07/23	1055	WATER			22.0	20.0	65	7.00	.100K	.010K	.15	.010K	
92/07/29	1220	WATER		8.8	21.0	34.0	64	7.00					
92/08/06	1030	WATER		9.2	20.0	25.0		7.00	.100K	.014	.10	.017	.010K
92/08/20	1215	WATER					.626		.626	.018	.12	.012	.010K
92/08/27	1030	WATER		7.9	24.2	26.0	.311	7.00	.311	.010K	.13	.013	.010K

STORET RETRIEVAL DATE 92/11/18

PCM=RET

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/TYPE/AMBN/STREAM/BIO

ORBC/NPS15

41 29 20.0 074 59 12.0 2

DEL R AT LACKAWAXEN ACC AREA

42103 PENNSYLVANIA PIKE

NORTH ATLANTIC 020300

DELAWARE RIVER ZONE 1

31DRBCSP 860614

0000 FEET DEPTH

HQ 02040101001 0000.450 OFF

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00310 BOD 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE OISS-180 C	31616 FEC COLI MFM-FCBR /100ML	31633 E.COLI THERMITOL #/100ML	31673 FECSTREP MFKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
92/05/28	1226	WATER								
92/06/10	1115	WATER								
92/06/18	1145	WATER								
92/06/25	1125	WATER								
92/07/02	1150	WATER		.5						
92/07/09	1055	WATER		.7						
92/07/15	1140	WATER								
92/07/23	1055	WATER		.3K						
92/07/29	1220	WATER								
92/08/06	1030	WATER		.3K						
92/08/20	1215	WATER		.3K						
92/08/27	1030	WATER								

119

9

5

6

2

3

7

5

24

1

5

8

STORET RETRIEVAL DATE 92/11/18

PGM=RET

PAGE: 33

DRBC/NPS16

41 36 35.0 075 03 40.0 2
DEL R AT NARROWSBURG ACC AREA
36105 NEW YORK SULLIVAN
NORTH ATLANTIC 020300
DELAWARE RIVER ZONE 1
310RBCSP 860614 02040101001 0012.000 ON
0000 FEET DEPTH

/TYPE/AMBT/STREAM/BIO

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CNOUCTVY AT 25C MICROMHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4-- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/05/27	1222	WATER		8.9	14.5	15.0	55	6.50					
92/06/09	1300	WATER		8.1	21.1	26.0	46	6.50					
92/06/17	1320	WATER		8.3	24.0	35.0	71	7.00					
92/06/24	1325	WATER		8.3	19.0	24.0	70	6.50					
92/07/01	1440	WATER							.573	.010	.13	.020	.010K
92/07/07	1310	WATER							.128	.021	.23	.010K	.010K
92/07/16	1335	WATER		6.7	29.0	27.5	108	7.00	.100K	.017	.14	.016	.010K
92/07/22	1345	WATER			24.0	32.0	74	7.00					
92/07/30	1340	WATER		8.3	23.0	26.0	67	7.00					
92/08/05	1315	WATER		8.9	21.5	27.0	60	7.00	.100K	.010K	.17	.015	.010K
92/08/20	0930	WATER							1.440	.036	.10	.010K	.010K
92/08/26	1309	WATER		7.8	25.0	28.8		7.00	.384	.023	.14	.016	.010K

DRBC/NPS 16

41 36 35.0 075 03 40.0 2

0EL R AT NARROWSBURG ACC AREA
36105 NEW YORK
NORTH ATLANTIC
SULLIVAN
020300

/TYPA/AMBNT/STREAM/BIO

DELAWARE RIVER ZONE 1

31DRBCSP 860614

02040101001 0012.000 0N

0000 FEET DEPTH

DATE FROM	TIME OF	DAY	MEDIUM	SWK OR DEPTH (FT)	00310 BOD 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE OISS-180 C MG/L	31616 FEC COLI MFM-FCBR /100ML	31633 E. COLI THERMOTOL #/100ML	31673 FECSTREP MFKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
92/05/27	1222		WATER					8			
92/06/09	1300		WATER					22			
92/06/17	1320		WATER					16			
92/06/24	1325		WATER					110			
92/07/01	1440		WATER		.6			1K			
92/07/07	1310		WATER		.6			4			
92/07/16	1335		WATER					40			
92/07/22	1345		WATER		.7			1K			
92/07/30	1340		WATER					30			
92/08/05	1315		WATER		.3K			8			
92/08/20	0930		WATER		.3K			92			
92/08/26	1309		WATER		.3K			22			

STORET RETRIEVAL DATE 92/11/18

PGM=RET

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/TYPE/AMBT/STREAM/BIO

DRBC/NPS17

41 36 37.0 075 03 45.0 2

DEL R AT NARROWSBURG ACC AREA

42127 PENNSYLVANIA WAYNE

NORTH ATLANTIC 020300

DELAWARE RIVER ZONE 1

31DRBCSP 860614

02040101001 0012.100 ON

0000 FEET DEPTH

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CONDUCTVY AT 25C MICROMHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/05/27	1150	WATER			14.0	15.0	49	7.00					
92/05/28	0953	WATER		8.7	14.0	13.5	51	7.00					
92/06/09	1315	WATER		8.8	20.0	25.0	41	6.50					
92/06/10	0914	WATER		8.0	19.5	18.5	43	6.50					
92/06/17	1326	WATER		7.6	23.0	32.0	64	7.00					
92/06/18	0901	WATER		7.2	22.0	24.0	64	7.00					
92/06/24	1335	WATER		8.7	18.0	26.5	56	7.00					
92/06/25	0855	WATER		8.8	18.0	22.0	58	7.00					
92/07/01	1450	WATER							.649	.010	.15	.020	.010K
92/07/02	0915	WATER		7.0	25.0	20.0	80	7.00	.428	.010K	.15	.016	.010K
92/07/07	1320	WATER		8.3	24.0		74	7.00	.204	.018	.23	.081	.010K
92/07/09	0825	WATER		7.6	23.0	23.5	72	7.00	.149	.021	.20	.012	.010K
92/07/15	0930	WATER		7.3	25.0	28.0	83	7.00					
92/07/22	1400	WATER			23.5	28.0	66	7.00	.100K	.021	.16	.016	.010
92/07/23	0910	WATER		7.6	23.0	19.5	66	7.00	.100K	.017	.14	.010K	.010K
92/07/29	0940	WATER		8.8	20.5	20.0	59	7.00					
92/08/05	1330	WATER		8.7	20.8	25.5	56	7.00	.100K	.010K	.17	.020	.010K
92/08/12	1515	WATER		9.2	21.8	24.5	75	8.00					
92/08/20	0945	WATER		8.9	20.0	20.5	61	7.00	1.340	.053	.12	.012	.010K
92/08/26	1320	WATER		8.0	25.0	29.8		7.00	.218	.010K	.15	.013	.010K
92/08/27	0715	WATER		7.6	24.5	22.4		7.00	.100K	.092	.18	.014	.010K

STORET RETRIEVAL DATE 92/11/10

PGM=RET

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ORBC/NPS17

41 36 37.0 075 03 45.0 2

OEL R AT NARROWSBURG ACC AREA

42127 PENNSYLVANIA WAYNE

NORTH ATLANTIC 020300

OELANARE RIVER ZONE 1

31DRBCSP 860614

02040101001 0012.100 ON

0000 FEET DEPTH

/TYPE/AMBT/STREAM/BIO

DATE FROM TO	TIME OF DAY	MEDIUM	SH# OR DEPTH (FT)	00310 BOD 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE OISS-180 C MG/L	31616 FEC COLI MFH-FCBR /100ML	31633 E. COLI THERMITOL #/100ML	31673 FECSTREP MFKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
92/05/27	1150	WATER					2			
92/05/28	0953	WATER					2			
92/06/09	1315	WATER					12			
92/06/10	0914	WATER					8			
92/06/17	1326	WATER					1K			
92/06/18	0901	WATER					20			
92/06/24	1335	WATER					8			
92/06/25	0855	WATER					8			
92/07/01	1450	WATER		.6			1K			
92/07/02	0915	WATER		.6			8			
92/07/07	1320	WATER		.5			4			
92/07/09	0825	WATER		.7			10			
92/07/15	0930	WATER					16			
92/07/22	1400	WATER		.3K			1K			
92/07/23	0910	WATER		.3K			10			
92/07/29	0940	WATER					12			
92/08/05	1330	WATER		.3K			24			
92/08/20	0945	WATER		.3K			40			
92/08/26	1320	WATER		.3K			26			
92/08/27	0715	WATER		.3K			44			

STORET RETRIEVAL DATE 92/11/18

PGH=RET

PAGE: 37

/TYPE/AMNT/STREAM/BIO

ORBC/NPS18
41 40 15.0 075 00 33.0 2
OEL R AT SKINNERS FALLS ACC AREA
36105 NEW YORK SULLIVAN
NORTH ATLANTIC 020300
OELAHARE RIVER ZONE 1
31DRBCSP 860614 02040101
0000 FEET DEPTH

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00300 00 MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CONDUCTVY AT 25C MICROMHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4-- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/05/27	1130	WATER			13.6	24.0	48	6.50					
92/06/09	1017	WATER		9.0	18.5	22.0	42	6.50					
92/06/17	1300	WATER		10.6	23.4	29.0	71	8.50					
92/06/24	1305	WATER		10.1	18.5	22.0	57	8.00					
92/07/16	1315	WATER		9.4	23.0	26.0	91	7.50					
92/07/30	1320	WATER		10.8	22.0	27.0	66	8.00					

STORET RETRIEVAL DATE 92/11/18

PGH=RET

PAGE: 38

DRBC/NPS18
41 40 15.0 075 00 33.0 2
DEL R AT SKINNERS FALLS ACC AREA
36105 NEW YORK SULLIVAN
NORTH ATLANTIC 020300
DELANARE RIVER ZONE 1
31DRBCSP 860614 02040101
0000 FEET DEPTH

/TYPE/AMBN/STREAM/BIO

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00310 BOD 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE DISS-180 C MG/L	31616 FEC COLI MFM-FCBR /100ML	31633 E.COLI THERMTOL #/100ML	31673 FECSTREP MFKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
92/05/27	1130	WATER		4						
92/06/09	1017	WATER		16						
92/06/17	1300	WATER		4						
92/06/24	1305	WATER		30						
92/07/16	1315	WATER		88						
92/07/30	1320	WATER		206						

STORET RETRIEVAL DATE 92/11/18

PGH=RET

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DRBC/NPS2
41 00 13.0 075 06 20.0 2
DEL R AT WORTHINGTON ACC AREA
34041 NEW JERSEY WARREN
NORTH ATLANTIC 020300
DELAWARE RIVER ZONE 1
31DRBCSP 860614
0000 FEET DEPTH

/TYPE/AMBT/STREAM/BIO

02040104002 0001.800 ON

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CONDUCTVY AT 25C MICROWHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/07/14	0940	WATER		7.5	23.6	22.0	97	7.00					
92/07/29	1030	WATER		8.6	21.0	22.5	74	7.00					
92/09/09	1115	WATER		8.4	21.0	26.5	78	7.50					

PGH=RET

STORL1 RETRIEVAL DATE 92/11/18

DRBC/NPS2
41 00 13.0 075 06 20.0 2
DEL R AT WORTHINGTON ACC AREA
34041 NEW JERSEY WARREN
NORTH ATLANTIC 020300
DELAWARE RIVER ZONE 1
31DRBCSP 860614 02040104002 0001.800 ON
0000 FEET DEPTH

/TYPE/AMBT/STREAM/BIO

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00310 BOD 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE DISS-180 C MG/L	31616 FEC COLI MFH-FCBR /100ML	31633 E.COLI THERMTOL #/100ML	31673 FECSTREP MFKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
--------------	-------------	--------	-------------------	----------------------	-----------------------------	-------------------------------	--------------------------------	-------------------------------	--------------------------------	-----------------------------

92/07/14	0940	WATER		26						
92/07/29	1030	WATER		28						
92/09/09	1115	WATER		18						

SIGMET RETRIEVAL DATE 92/11/10

PGH=RET

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/TYPE/ARBENT/STREAM/BIO

DRBC/NP720
41 42 20 0 075 04 05.0 2
DEL R AT DAMASCUS ACC AREA
42127 PENNSYLVANIA HAYNE
NORTH ATLANTIC 020300
DELAWARE RIVER ZONE 1
310RBCSP 860614
0000 FEET DEPTH

02040101001 0020.600 ON

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (ft)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CONDUCTVY AT 25C MICROMHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4-- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS--TOT MG/L P	70507 PHOS--T ORTHO MG/L P
92/05/27	1022	WATER		8.8	14.0	13.0	43	7.00					
92/06/02	1232	WATER		10.6	14.5	25.0	28	7.00					
92/06/03	1105	WATER			18.0	26.0		6.50					
92/06/09	1200	WATER		9.6	20.5	24.0	39	7.00					
92/06/17	1155	WATER		8.9	22.0	28.0	57	7.50					
92/06/24	1200	WATER		9.1	16.7	22.0	52	7.00					
92/07/01	1357	WATER		9.3	26.0	29.0	85	8.00	.576	.010K	.16	.022	.010K
92/07/07	1215	WATER		9.8	21.0	23.0	69	7.00	.147	.015	.28	.017	.010K
92/07/16	1205	WATER		8.5	22.5	25.0	95	7.00	.501	.016	.19	.016	.010K
92/07/22	1220	WATER			22.0	24.0	64	7.50					
92/07/30	1205	WATER		9.4	20.5	26.0	57	7.00					
92/08/05	1210	WATER		9.6	20.0	22.0	51	7.00	.100K	.010K	.16	.015	.010K
92/08/19	1330	WATER		10.2	19.0	20.0	49	7.50	.100K	.011	.17	.015	.010K
92/08/20	0745	WATER		7.9	18.9	17.0	55	7.00	.934	.080	.11	.016	.010K
92/08/26	1137	WATER		8.7	23.2	27.0		7.00	.100K	.017	.19	.015	.010K

STORET RETRIEVAL DATE 92/11/18

PCM=RET

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/TYPE/AMBN/STREAM/BIO

DRBC/NPS20
41 42 20.0 075 04 05.0 2
DEL R AT DAMASCUS ACC AREA
42127 PENNSYLVANIA WAYNE
NORTH ATLANTIC 020300
DELAWARE RIVER ZONE 1
31DRBCSP 860614
0000 FEET DEPTH
02040101001 0020.600 ON

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00310 BOD 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE DISS-180 C MG/L	31616 FEC COLI MFM-FCBR /100ML	31633 E.COLI THERMTOL #/100ML	31673 FECSTREP MFKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
92/05/27	1022	WATER	1							
92/06/02	1232	WATER	119							
92/06/03	1105	WATER	30							
92/06/09	1200	WATER	16							
92/06/17	1155	WATER	5							
92/06/24	1200	WATER	26							
92/07/01	1357	WATER	4	.5						
92/07/07	1215	WATER	3	.6						
92/07/16	1205	WATER	200L							
92/07/22	1220	WATER	6	.4						
92/07/30	1205	WATER	119							
92/08/05	1210	WATER	11	.3K						
92/08/19	1330	WATER	9	.3K						
92/08/20	0745	WATER	17	.3K						
92/08/26	1137	WATER	18	.3K						

DRBC/NPS21

41 '66 10.0 075 05 28.0 2

DEL R AT CALLICOON ACC AREA

36105 NEW YORK

NORTH ATLANTIC

DELMARE RIVER ZONE 1

31DRBCSP 860614

0000 FEET DEPTH

/TYPA/AMBT/STREAM/BIO

02040101001 0025.200 ON

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CNDUCTVY AT 25C MICROMHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/06/02	1137	WATER		9.8	14.5	18.5	47	7.00					
92/06/09		WATER		10.1	18.0	22.0	63	7.50					
92/06/17	1129	WATER		10.3	19.0	27.0	80	7.50					
92/06/24	1145	WATER		10.3	15.0	21.0	72	7.50					
92/07/01	1255	WATER		9.3	23.9	31.0	115	9.00	.566	.010K	.18	.047	.010K
92/07/07	1145	WATER							.128	.010K	.27	.010K	.010K
92/07/16	1130	WATER		9.6	21.0	24.0	115	7.00					
92/07/22	1130	WATER			20.0	26.0	88	8.50	.100K	.014	.19	.016	.010K
92/07/30	1130	WATER		10.7	19.5	23.0	80	8.00					
92/08/05	1120	WATER		11.0	18.0	21.0	71	8.00	.100K	.010K	.17	.015	.010K
92/08/19	1315	WATER			18.0	18.5	67	8.50	.100K	.010K	.13	.010K	.010K
92/08/26	1055	WATER		14.2	21.7	26.5		9.50	.100K	.016	.21	.021	.010K

SIORET RETRIEVAL DATE 92/11/18

PGM=RET

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ORBC/NPS21
41 46 10.0 075 05 28.0 2
OEL R AT CALLICOON ACC AREA
36105 NEW YORK SULLIVAN
NORTH ATLANTIC 020300
DELAWARE RIVER ZONE 1
310BCSP 860614 02040101001 0025.200 ON
0000 FEET DEPTH

/TYPE/AMBT/STREAM/BIO

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00310 BOD 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE DISS-180 C MG/L	31616 FEC COLI MFH-FCBR /100ML	31633 E.COLI THERMTOL #/100ML	31673 FECSTREP HFKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
92/06/02	1137	WATER					236			
92/06/09		WATER					22			
92/06/17	1129	WATER					28			
92/06/24	1145	WATER					164			
92/07/01	1255	WATER		.5	1K	84	130			
92/07/07	1145	WATER		.7			2			
92/07/16	1130	WATER					268			
92/07/22	1130	WATER		.4			1K			
92/07/30	1130	WATER					268			
92/08/05	1120	WATER		.3K			12			
92/08/19	1315	WATER		.3K						
92/08/26	1055	WATER		.3K			10			

11

SIORET RETRIEVAL DATE 92/11/10

PGM=RET

PAGE: 45

DRBC/NPS22
41 45 40.0 075 03 35.0 2
OEL R AT CALLICOON ACC AREA
42127 PENNSYLVANIA WAYNE
NORTH ATLANTIC 020300
DELAWARE RIVER ZONE 1
310RBCSP 860614
0000 FEET DEPTH

/TYPE/AMBT/STREAM/BIO

02040101001 0024.900 ON

DATE FROM TO	TIME OF DAY	MEDIUM	SWK OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CONDUCTIVITY AT 25C MICRONHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4-- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/06/02	1205	WATER		10.2	14.1	21.0	27	7.00					
92/06/09	1145	WATER		9.8	20.0	22.0	39	7.00					
92/06/17	1117	WATER		9.3	23.0	29.0	60	7.00					
92/06/24	1132	WATER		9.5	16.1	21.0	48	7.00					
92/07/16	1150	WATER		8.9	22.0	24.0	94	7.00					
92/07/30	1145	WATER		9.9	20.0	21.0	54	7.50					
92/08/07	1430	WATER		11.3	23.6		72	8.50					

STORET REIRIEVAL DATE 92/11/18

PGM=RET

PAGE: 46

DRBC/NPS22
41 45 40.0 075 03 35.0 2
DEL R AT CALLICOON ACC AREA
42127 PENNSYLVANIA WAYNE
NORTH ATLANTIC 020300
DELAWARE RIVER ZONE 1
31DRBCSP 860614
0000 FEET DEPTH

02040101001 0024.900 ON

/TPA/AMBT/STREAM/BIO

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00310 BOD 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE DISS-180 C MG/L	31616 FEC COLI MFH-FCBR /100ML	31633 E.COLI THERMTOL #/100ML	31673 FECSTREP MFKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
92/06/02	1205	WATER								
92/06/09	1145	WATER								
92/06/17	1117	WATER								
92/06/24	1132	WATER								
92/07/16	1150	WATER								
92/07/30	1145	WATER								

78
8
1K
28
40
110

STORET RETRIEVAL DATE 92/11/18

PGM=RET

PAGE: 47

ORBC/NPS23
41 52 05.0 075 12 55.0 2
DEL R AT EQUINUNK AT BR TO L OROVILLE
42127 PENNSYLVANIA WAYNE
NORTH ATLANTIC 020300
DELAWARE RIVER ZONE 1
31ORBCSP 860614
0000 FEET DEPTH

/TYPE/MBNT/STREAM/BIO

02040101005 0017.400 ON

DATE FROM TO	TIME OF DAY	MEDIUM	SHK OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CONDUCTIVITY AT 25C MICROMHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4-N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/06/17	0947	WATER		7.8	19.0	20.0	55	7.00					
92/06/24	0955	WATER		8.7	16.0	18.0	50	7.00					
92/07/16	1040	WATER		8.8	19.0	22.5	70	7.00					
92/08/11	1410	WATER		10.8	20.0	27.5		8.00					

STORET RETRIEVAL DATE 92/11/18

PGM=RET

PAGE: 48

DRBC/NPS23

41 52 05.0 075 12 55.0 2
DEL R AT EQUINUNK AT BR TO L ORDVILLE
42127 PENNSYLVANIA WAYNE
NORTH ATLANTIC 020300
DELAWARE RIVER ZONE 1
31DRBCSP 860614 02040101
0000 FEET DEPTH

02040101005 0017.400 ON

/TYPA/AMBNT/STREAM/BIO

DATE	TIME	SMK	00310	00530	70300	31616	31633	31673	00061
FROM	OF	DEPTH	800	RESIDUE	RESIDUE	FEC COLI	E. COLI	FECSTREP	STREAM
TO	DAY	(FT)	5 DAY	TOT NFLT	DISS-180	MFH-FCBR	THERMOTOL	MFKFAGAR	FLOW,
			MG/L	MG/L	C	/100ML	%/100ML	/100ML	INST-CFS
92/06/17	0947	WATER							
92/06/24	0955	WATER				138			
92/07/16	1040	WATER				178			
92/08/11	1410	WATER				4			

STORED REIRIEVAL DATE 92/11/18

PGM=HEI

PAGE: 49

/TYPE/AMBT/STREAM/BIO

DRBC/NPS24

41 52 08.0 075 15 52.0 2

DEL R AT BUCKINGHAM ACC AREA

42127 PENNSYLVANIA WAYNE

NORTH ATLANTIC 020300

DELAWARE RIVER ZONE 1

31DRBCSP 860614

0000 FEET DEPTH

02040101006 0002.500 ON

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CONDUCTVY AT 25C MICROMHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/06/17	1000	WATER		9.0	19.5	23.0	55	7.00					
92/06/24	1010	WATER		9.2	15.0	17.5	48	7.00					
92/07/01	1045	WATER		9.3	21.5	24.5	60	7.50	.776	.010K	.28	.016	.010K
92/07/07	0955	WATER		9.0	18.0	19.0	56	7.00	.115	.013	.28	.012	.010K
92/07/16	0955	WATER		8.7	21.8	18.0	52	7.00	.123	.014	.30	.017	.010
92/07/22	1000	WATER			18.1	20.0	51	7.00					
92/07/30	1000	WATER		9.4	20.0	21.0	54	7.00	.109	.010K	.29	.019	.010K
92/08/05	0911	WATER		9.2	16.2	16.0	46	7.50					
92/08/11	1135	WATER		10.4	18.7	25.0							
92/08/17	1400	WATER		10.5	17.7	19.0	80	8.00	.100K	.013	.19	.012	.010K
92/08/19	0930	WATER		10.1	18.5	18.0	49	6.50	.145	.015	.38	.015	.010K
92/08/26	0910	WATER		8.1	20.0	23.5		7.00					

STORET RETRIEVAL OAIE 92/11/18

PGM=RET

PAGE: 50

/TYPA/AMBNT/STREAM/BIO

ORBC/NPS24

41 52 08.0 075 15 52.0 2

DEL R AT BUCKINGHAM ACC AREA

42127 PENNSYLVANIA WAYNE

NORTH ATLANTIC 020300

DELAWARE RIVER ZONE 1

310RBCSP 860614

0000 FEET DEPTH

02040101006 0002.500 ON

DATE FROM TO	TIME OF	DEPTH (FT)	SMK OR	00310 BOO 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE OISS-180 C MG/L	31616 FEC COLI MFM-FCBR /100HL	31633 E. COLI THERMOTOL #/100HL	31673 FECSTREP MFKFAGAR /100HL	00061 STREAM FLOW, INST-CFS
92/06/17	1000		WATER				4			
92/06/24	1010		WATER				16			
92/07/01	1045		WATER	.4			6			
92/07/07	0955		WATER	.9			12			
92/07/16	0955		WATER				292			
92/07/22	1000		WATER	1.3			12			
92/07/30	1000		WATER				76			
92/08/05	0911		WATER	.3K			74			
92/08/11	1135		WATER				16			
92/08/19	0930		WATER	.7			20			
92/08/26	0910		WATER	.3K			48			

STORE RETRIEVAL DATE 92/11/18

PGM=RET

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DRBC/NPS25
40 58 14.0 075 07 37.0 2
OUNFIELD CR AT FOOT BRIDGE
34041 NEW JERSEY WARREN
NORTH ATLANTIC 020300
DELAWARE RIVER ZONE 1
31DRBCSP 860614
0000 FEET DEPTH

/TYPA/AMBT/STREAM/BIO

02040104001 0001.300 OFF

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CONDUCTVY AT 25C MICROMHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/07/14	0915	WATER		7.4	16.8	21.0	41	6.50					
92/07/29	1010	WATER		9.2	15.0	20.0	24	6.50					
92/09/09	1055	WATER		9.1	16.5	21.0	23	6.50					

STORET RETRIEVAL DATE 92/11/18

PGM=RET

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ORBC/NPS25

40 58 14.0 075 07 37.0 2
OANFIELD CR AT FOOT BRIDGE
34041 NEW JERSEY
WARREN
020300
NORTH ATLANTIC
02ELAHARE RIVER ZONE 1
310RBCSP 860614
0000 FEET DEPTH
020

/TYPA/AMBNT/STREAM/BIO

DATE FROM TO	TIME OF DAY	DEPTH (FT)	SMK OR	00310 BOO 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE OISS-180 C	31616 FEC COLI MFM-FCBR /100ML	31633 E. COLI THERNTOL #/100ML	31673 FECSTREP MFKFAGAR /100ML	00061 STREAM FLOM, INST-CFS
92/07/14	0915						21			
92/07/29	1010						16			
92/09/09	1055						16			

SIOTRET RETRIEVAL DATE 92/11/18

PGM=RET

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ORBC/NPS26
40 59 10.0 075 08 15.0 2
CHERRY CR NEAR RT 80 BRIDGE
42089 PENNSYLVANIA MONROE
NORTH ATLANTIC 020300
DELAWARE RIVER ZONE 1
310RBCSP 860614
0000 FEET DEPTH

/TYP/A/HBNT/STREAM/BIO

02040104001 0001.840 OFF

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CONDCTVY AT 25C MICROMHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4-- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/06/23	1215	WATER		10.5	13.0	22.0	124	8.00					
92/07/02	1215	WATER		9.2	18.3	20.5	220	8.00	.725	.148	.58	.088	.061
92/07/09	1200	WATER		8.0	19.4	26.0	179	7.50	.542	.079	.47	.126	.052
92/07/13	1130	WATER		8.7	19.5	25.0	255	8.00	.691	.188	.67	.053	.041
92/07/15	1120	WATER		8.5	21.0	27.5	221	8.00					
92/07/23	1155	WATER		8.6	18.3	17.0	268	7.80	.100K	.145	.91	.160	.153
92/07/28	0935	WATER		8.1	17.0	18.5	287	7.50	.187	.070	.83	.136	.121
92/08/06	1140	WATER		9.3	17.0	23.5	285	7.50	.222	.222	.75	.088	.069
92/08/11	1005	WATER		9.1	18.8	22.5	312	7.50	.462	.124	.80	.074	.059
92/08/20	1140	WATER		9.4	16.6	19.5	266	7.50	1.650	.123	.79	.104	.075
92/08/27	1215	WATER		9.2	20.7	28.0	273	8.20	.224	.113	.95	.151	.070
92/09/01	1125	WATER		9.5	16.2	19.0	290	7.50	.717	.205	.91	.131	.095

SIOTRET RETRIEVAL DATE 92/11/18

PGH=RET

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/TYPE/AMBN/STREAM/BIO

ORBC/NPS26
40 59 10.0 075 08 15.0 2
CHERRY CR NEAR RT 80 BRIDGE
42089 PENNSYLVANIA MONROE
NORTH ATLANTIC 020300
DELAWARE RIVER ZONE 1
310RBCSP 860614 02040104001 0001.840 OFF
0000 FEET DEPTH

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00310 BOO 5 DAY MG/L	00530 RESIOUE TOT NFLT MG/L	70300 RESIOUE DISS-180 C	31616 FEC COLI MFM-FCBR /100ML	31633 E.COLI THERMTOL #/100ML	31673 FECSTREP MFKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
92/06/23	1215	WATER								
92/07/02	1215	WATER		.4	1	141	32			35C
92/07/09	1200	WATER		2.9	134	117	59			20C
92/07/12	1130	WATER					4000			104
92/07/13	1130	WATER		.4	3	160				15C
92/07/15	1120	WATER					460			
92/07/23	1155	WATER		1.6	3	172	352			8C
92/07/28	0935	WATER		.5	3	164	1760			13C
92/08/06	1140	WATER		.3K	2	169	400			6C
92/08/11	1005	WATER		.3K	3	215	111			2C
92/08/20	1140	WATER		.3	4	198	480			5C
92/08/27	1215	WATER		5.3	3	214	420			64C
92/09/01	1125	WATER		.3K	7	177	360			.3C

STORET RETRIEVAL DATE 92/11/18

PGH=RET

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/TYPE/AMBT/STREAM/BIO

DRBC/NPS27

40 59 52.5 075 08 35.0 2

BROOHEAO CR AT BRIDGE RT 402

42089 PENNSYLVANIA MONROE

NORTH ATLANTIC 020300

DELAWARE RIVER ZONE 1

310RBCSP 860614

02040104047 0000.800 ON

0000 FEET DEPTH

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CNOUCTVY AT 25C MICROMHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L	70507 PHOS-T ORTHO MG/L
92/07/02	1145	WATER		9.1	19.6	20.5	127	7.50	.890	.010	.45	.082	.066
92/07/09	1120	WATER		9.1	19.8	25.0	118	7.50	.142	.013	.46	.103	.051
92/07/13	1100	WATER		8.8	20.7	27.0	130	7.50	.100K	.013	.56	.044	.042
92/07/15	1350	WATER		9.1	23.0	30.8	120	7.50					
92/07/23	1045	WATER		8.1	19.5	19.0	148	7.00	.100K	.013	.60	.084	.062
92/07/28	0830	WATER		7.9	18.0	17.0	128	7.30	.207	.104	.51	.057	.033
92/08/06	1045	WATER		9.2	18.0	22.0	151	7.50	.405	.194	.44	.091	.064
92/08/11	0915	WATER		8.9	19.3	20.0	130	7.50	.100K	.011	.40	.275	.262
92/08/20	1045	WATER		9.5	17.0	17.0	144	7.50	.818	.010K	.39	.146	.109
92/08/27	1113	WATER		10.1	21.6	25.0	152	7.50	.191	.010K	.38	.336	.297
92/09/01	1035	WATER		10.4	17.7	20.5	150	7.50	.941	.010K	.47	.185	.156

STORET RETRIEVAL DATE 92/11/18

PGM=RET

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/TYPE/AMBN/STREAM/BIO

DRBC/NPS27
40 59 52.5 075 08 35.0 2
BRODHEAD CR AT BRIDGE RT 402
42089 PENNSYLVANIA MONROE
NORTH ATLANTIC 020300
DELAWARE RIVER ZONE 1
31DRBCSP 860614 02040104047 0000.800 ON
0000 FEET DEPTH

DATE FROM TO	TIME OF DAY	MEDIUM	SHK OR DEPTH (FT)	00310 BOD 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE DISS-180 C	31616 FEC COLI MFM-FCBR /100ML	31633 E. COLI THERMIOL #/100ML	31673 FECSTREP MFKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
92/07/02	1145	WATER		.3	1K	74	3			
92/07/09	1120	WATER		1.7	40	68	1040			
92/07/13	1100	WATER		.3	3	73	1K			
92/07/15	1350	WATER					32			
92/07/23	1045	WATER		.5	2	85	82			
92/07/28	0830	WATER		.4	2	46	82			
92/08/06	1045	WATER		.3K	1K	88	8			
92/08/11	0915	WATER		.3K	2	90	380			
92/08/20	1045	WATER		.3	1	112	320			
92/08/27	1113	WATER		5.6	1	100	320			
92/09/01	1035	WATER		.3K	2	77	45			

STORET RETRIEVAL DATE 92/11/18

PGM=RET

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DRBC/NPS27
40 59 52.5 075 08 35.0 2
BROOHEAD CR AT BRIDGE RT 402
42089 PENNSYLVANIA MONROE
NORTH ATLANTIC 020300
DELAWARE RIVER ZONE 1
310RBCSP 860614 02040104047 0000.800 ON
0000 FEET DEPTH

/TYPE/AIRNT/STREAM/BIO

DATE FROM TO	TIME OF DAY	MEDIUM	SNK OR DEPTH (FT)	00310 BOO 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE DISS-180 C MG/L	31616 FEC COLI MFM-FCBR /100ML	31633 E. COLI THERMIOL #/100ML	31673 FECSTREP MFKFACAR /100ML	00061 STREAM FLOW, INST-CFS
92/07/02	1145	WATER		.3	1K	74	3			
92/07/09	1120	WATER		1.7	40	68	1040			
92/07/13	1100	WATER		.3	3	73	1K			
92/07/15	1350	WATER					32			
92/07/23	1045	WATER		.5	2	85	82			
92/07/28	0830	WATER		.4	2	46	82			
92/08/06	1045	WATER		.3K	1K	88	8			
92/08/11	0915	WATER		.3K	2	90	380			
92/08/20	1045	WATER		.3	1	112	320			
92/08/27	1113	WATER		5.6	1	100	320			
92/09/01	1035	WATER		.3K	2	77	45			

STORE REIRIEVAL DATE 92/11/18

PGH=RET

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/TYPE/AMBT/STREAM/B10

DRBC/NPS2701

41 59 50.0 075 08 59.0 2

RR BRIDGE JUST DS OF RT 80

42089 PENNSYLVANIA MONROE

NORTH ATLANTIC 020300

BRODHEAD CREEK RM 213.0,1.3

31DRBCSP 920725

02040104048 0001.300 ON

0000 FEET DEPTH

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CONDUCTVY AT 25C MICRON#10	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/07/23	1115	WATER		8.5	19.2	17.0	128	7.00	.104	.012	.66	.154	.082
92/07/28	0850	WATER		8.2	17.8	17.0	114	7.00	.100K	.013	.51	.065	.037
92/08/06	1110	WATER		9.4	18.1	22.0	138	7.50	.100K	.019	.53	.106	.088
92/08/11	0935	WATER		9.1	19.4	20.5	126	7.00	.100K	.018	.40	.269	.259
92/08/20	1100	WATER		9.4	17.0	18.0	136	7.00	1.050	.010K	.38	.189	.127
92/08/27	1145	WATER		9.3	21.3	24.5	148	7.50	.100K	.010K	.37	.423	.378
92/09/01	1105	WATER		9.1	17.5	18.0	150	7.30	.100K	.010K	.46	.183	.156

STORE RETRIEVAL DATE 92/11/18

PGH=RET

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/TYPE/AMBN/STREAM/BIO

DRBC/NPS2701
41 59 50.0 075 08 59.0 2
RR BRIDGE JUST DS OF RT 80
42089 PENNSYLVANIA MONROE
NORTH ATLANTIC 020300
BRODHEAD CREEK RM 213.0,1.3
31DRBCSP 920725 02040104048 0001.300 ON
0000 FEET DEPTH

DATE FROM TO	TIME OF DAY	MEDIUM	SHK OR DEPTH (FT)	00310 BOD 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE OISS-180 C	31616 FEC COLI MFM-FCBR /100ML	31633 E.COLI THERMTOL #/100ML	31673 FECSTREP MFKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
92/07/23	1115	WATER	.3K	1K	69	112				
92/07/28	0850	WATER	.3K	2	55	99				
92/08/06	1110	WATER	.3K	1K	89	10				
92/08/11	0935	WATER	.3K	2	95	240				
92/08/20	1100	WATER	.3K	1	107	360				
92/08/27	1145	WATER	.3K	1	105	260				
92/09/01	1105	WATER	.3K	1K	84	49				

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/TYPA/AMBNT/STREAM/BIO

OATE FROM	TIME OF	SPEC OR DEPTH (FT)	MEDIUM	00310 BOO 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE OISS-180 C	31616 FEC COLI MFH-FCBR /100HL	31633 E. COLI THERMIOL #/100HL	31673 FECSTREP MFKFAGAR /100HL	00061 STREAM FLOW, INST-CFS
92/06/03	1125		WATER				30		290	25
92/06/03	1152		WATER				100			3C
92/06/25	1200		WATER				55			.2C
92/07/02	1000		WATER	.3K	1K	140	600			4C
92/07/09	1000		WATER	1.0	4	142	720			.5C
92/07/13	0930		WATER	.3K	2	158	428			1K
92/07/13	1155		WATER	.5	3	160	700			1K
92/07/23	0945		WATER	.3K	1	157	71			1K
92/07/28	0730		WATER	.3K	1	163	50			.5C
92/08/06	0945		WATER	.3K	2	166	132			1K
92/08/11	0815		WATER							.2C
92/08/20	0915		WATER							15C
92/08/27	1040		WATER							.5C
92/09/01	1010		WATER							

STORET RETRIEVAL DATE 92/11/18

PGM=RET

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DRBC/NPS271

41 00 29.0 075 06 43.0 2

SHAWNEE CREEK AT RESORT PARKING LOT (PA)

42089 PENNSYLVANIA MONROE

NORTH ATLANTIC 020300

DELAWARE RIVER - ZONE 1 RM214.4/0.2/

31DRBCSP 881227

02040104002 0001.400 OFF

0000 FEET DEPTH

/TYPE/AMBENT/STREAM/BIO

DATE FROM TO	TIME OF DAY	MEDIUM	SNK OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CONDUCTIVITY AT 25C MICROMHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/06/03	1152	WATER		9.2	15.0	21.0	127	8.00					
92/06/25	1200	WATER		8.9	17.0	22.0	172	8.00					
92/07/02	1000	WATER		8.7	19.0	19.3	250	8.00	.243	.010K	.20	.045	.016
92/07/09	1000	WATER		8.0	20.8	25.5	227	7.80	.155	.011	.14	.030	.017
92/07/13	0930	WATER		7.7	21.0	24.0	263	8.00	.480	.010K	.19	.044	.016
92/07/13	1155	WATER		8.4	22.0	26.0	226	8.00					
92/07/23	0945	WATER		8.2	19.0	18.0	284	8.00	.117	.018	.43	.017	.017
92/07/28	0730	WATER		8.0	18.2	16.0	273	8.00	.102	.102	.33	.026	.010K
92/08/06	0945	WATER		8.7	17.4	18.0	273	8.00	.100K	.019	.22	.026	.015
92/08/11	0815	WATER		8.4	19.7	19.0	275	7.80	.100K	.012	.26	.029	.016

STORET RETRIEVAL DATE 92/11/18

PGH=RET

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/TYPA/AMBT/STREAM/BIO

DRBC/NPS28
40 59 55.0 075 08 18.0 2
MARSHALLS CR IN MINISINK HILLS AT BRIDGE
42089 PENNSYLVANIA MONROE
NORTH ATLANTIC 020300
DELAWARE RIVER ZONE 1
31DRBCSP 860614
0000 FEET DEPTH 02040104047 0000.420 OFF

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CONDUCTIVITY AT 25C MICROMHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4-N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L	70507 PHOS-T ORTHO MG/L
92/06/03	1300	WATER		9.9	15.1	25.0	62	7.00					
92/07/15	0930	WATER		7.9	21.6	23.0	154	7.50					
92/07/15	1300	WATER		8.7	22.5	30.0	138	7.50					
92/09/09	1010	WATER		8.6	18.5	24.0	135	7.00					

STIOMET RETRIEVAL DATE 92/11/18

PGM=RET

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/TYPA/AMBNT/STREAM/BIO

DRBC/NPS28

40 59 55.0 075 08 18.0 2

MARSHALLS CR IN MINISINK HILLS AT BRIDGE

42089 PENNSYLVANIA MONROE

NORTH ATLANTIC 020300

DELAWARE RIVER ZONE 1

310RBCSP 860614

02040104047 0000.420 OFF

0000 FEET DEPTH

DATE FROM TO	TIME OF DAY	SMK OR DEPTH (FT)	00310 BOD 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE OISS-180 C MG/L	31616 FEC COLI MFH-FCBR /100ML	31633 E. COLI THERMTOL #/100ML	31673 FECSTREP MFKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
92/06/03	1230	WATER							126
92/06/03	1300	WATER				108		180	16
92/07/02	1620	WATER				58			210
92/07/15	0930	WATER				72			24C
92/07/15	1300	WATER							33
92/07/16	1100	WATER				40			150
92/09/09	1010	WATER							

STORET RETRIEVAL DATE 92/11/18

PGM=RET

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ORBC/NPS3

41 01 28.0 075 03 35.0 2

OEL R AT SMITHFIELD ACC AREA

42123 PENNSYLVANIA

NORTH ATLANTIC

OELAMARE RIVER ZONE 1

31ORBCSP 860614

0000 FEET DEPTH

02040104002 0004.900 ON

/TYP/AQBNT/STREAM/BIO

OATE FROM TO	TIME OF DAY	MEDIUM	SHK OR DEPTH (FT)	00300 OO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CONDUCTVY AT 25C MICRONHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4-- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/07/01		WATER		9.0	25.0		90	7.00	.630	.010K	.10	.028	.010K
92/07/02	1045	WATER		7.9	24.5	23.0		7.00	.377	.010K	.11	.037	.010K
92/07/08	1415	WATER		8.1	24.0	28.0		7.00	.287	.019	.25	.026	.012
92/07/09	0950	WATER		8.1	24.0	27.0		7.00	.155	.016	.31	.022	.012
92/07/15	1019	WATER		8.2	25.4	27.0	101	7.00					
92/07/15	1325	WATER		8.2	26.0	31.0	102	7.00					
92/07/22	1420	WATER		8.7	24.0	29.0	88	7.50	.100K	.014	.20	.014	.013
92/07/23	1120	WATER		7.9	24.0	19.0		7.00	.100K	.010K	.19	.019	.014
92/07/29	0915	WATER		8.1	21.2	19.0	90	7.00					
92/08/05	1355	WATER		9.3	23.0	26.0	77	7.00	.100K	.010K	.13	.029	.010K
92/08/06	1005	WATER		8.6	21.0	22.5		7.00	.100K	.011	.09	.025	.010K
92/08/19	1350	WATER		9.7	21.5	21.0	74	7.50	1.020	.010K	.11	.020	.010K
92/08/19	1515	WATER		9.4	20.4	21.5	91	7.50					
92/08/20	1015	WATER		9.4	21.0	21.0		7.50	3.080	.010K	.11	.022	.010K
92/08/27	1100	WATER		8.4	23.5	25.5		7.00	.431	.062	.05K	.016	.010K
92/09/09	0920	WATER		8.5	20.5	21.5	80	7.00					

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STORET RETRIEVAL DATE 92/11/18

PGH=RET

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/IYPA/AMBNT/STREAM/BIO

DRBC/NPS3
41 01 28.0 075 03 35.0 2
DEL R AT SMITHFIELD ACC AREA
42123 PENNSYLVANIA WARREN
NORTH ATLANTIC 020300
DELAWARE RIVER ZONE 1
31DRBCSP 860614
0000 FEET DEPTH
02040104002 0004.900 ON

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00310 BOD 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE DISS-180 C MG/L	31616 FEC COLI MFH-FCBR /100ML	31633 E. COLI THERMTOL #/100ML	31673 FECSTREP MFKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
92/07/01		MATER		.6			9	7		
92/07/02	1045	MATER		.6			7	3		
92/07/08	1415	MATER		.6			2	1K		
92/07/09	0950	MATER		.9			8	7		
92/07/15	1019	MATER					4			
92/07/15	1325	MATER		.3K	2	51	30	4		
92/07/22	1420	MATER		.3K	1	29	11	2		
92/07/23	1120	MATER					5			
92/07/29	0915	MATER		.3K			26			
92/08/05	1355	MATER		.3K	1K	54	9	1K		
92/08/06	1005	MATER		.3K	1K	52	5	2		
92/08/19	1350	MATER		.3K	1K	57	10	1K		
92/08/20	1015	MATER		.3K	1K	69	4	4		
92/08/27	1100	MATER		.3K	1K	65	15	9		
92/09/09	0920	MATER					26			

STORET RETRIEVAL DATE 92/11/18

PGM=RET

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DRBC/NPS30

41 02 17.0 075 01 37.0 2

PAHAQUARRY CR AT OLD MINE RD BRIDGE

34041 NEW JERSEY WARREN

NORTH ATLANTIC 020300

DELAWARE RIVER ZONE 1

31DRBCSP 860614

02040104002 0006.400 OFF

0000 FEET DEPTH

/TYPA/AMBNT/STREAM/BIO

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CNDUCTVY AT 25C MICROMHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4-- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/07/13	1300	WATER		9.5	18.2	24.0	45	6.50	.142	.010K	.10	.010K	.010K
92/07/28	1050	WATER		8.2	15.6	19.0	45	6.50	.100K	.018	.13	.010K	.010K
92/08/11	1145	WATER		9.4	16.1	22.0	26	6.50	.140	.010K	.05K	.010K	.010K
92/09/01	1310	WATER		9.7	15.2	20.5	44	6.50	.512	.055	.10	.010K	.010K

STORET RETRIEVAL DATE 92/11/18

PCH=RET

PAGE: 66

DRBC/NPS30
41 02 17.0 075 01 37.0 2
PAHAQUARRY CR AT OLD MINE RD BRIDGE
34041 NEW JERSEY WARREN
NORTH ATLANTIC 020300
DELAWARE RIVER ZONE 1
31DRBCSP 860614 02040104002 0006.400 OFF
0000 FEET DEPTH

/TYPE/AMBT/STREAM/BIO

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00310 BOD 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE DISS-180 C MG/L	31616 FEC COLI MFM-FCBR /100ML	31633 E.COLI THERMTOL #/100ML	31673 FECSTREP MFKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
92/07/13	1300	WATER		.3K	3	32	500			
92/07/28	1050	WATER		.3K	1K	29	5			
92/08/11	1145	WATER		.3K	2	36	10			
92/09/01	1310	WATER		.3K	2	29	6			

STORE RETRIEVAL DATE 92/11/18

PGH-RET

PAGE: 67

/TYPE/AMBT/STREAM/BIO

DRBC/NPS31

41 03 28.0 075 00 05.0 2

VAN CAMPENS BROOK AT OLD MINE RD BRIDGE

34041 NEW JERSEY WARREN

NORTH ATLANTIC 020300

DELAWARE RIVER ZONE 1

31DRBCSP 860614

0000 FEET DEPTH

02040104002 0007.100 OFF

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CONDUCTIVITY AT 25C MICROMHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4 - N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/06/02	1430	WATER		9.9	14.0	22.0	31	6.75					
92/06/24	1042	WATER		9.5	13.5	17.0	45	7.00					
92/07/14	1045	WATER		8.4	19.0	25.0	97	7.00	.100K	.010K	.06	.013	.010K
92/07/28	1110	WATER		8.0	16.7	19.0	80	7.00	.100K	.049	.09	.012	.010K
92/08/11	1220	WATER		9.0	18.4	23.0	67	7.00	.100K	.010K	.05K	.011	.010K
92/09/01	1325	WATER		9.5	15.8	19.6	89	7.00	.100K	.010K	.07	.010K	.010K
92/09/09	1355	WATER		9.0	18.0	22.0	60	7.50					

STORET RETRIEVAL DATE 92/11/18

PGM=RET

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ORBC/NPS31

41 03 28.0 075 00 05.0 2

VAN CAMPENS BROOK AT OLD MINE RD BRIDGE

34041 NEW JERSEY WARREN

NORTH ATLANTIC 020300

DELAWARE RIVER ZONE 1

310RBCSP 860614

02040104002 0007.100 OFF

0000 FEET DEPTH

/TYPA/AMBNT/STREAM/BIO

DATE FROM	DATE TO	TIME OF DAY	DEPTH (FT)	SWK OR	00310 BOO 5 DAY	00530 RESIDUE TOT	70300 RESIDUE OISS-180	31616 FEC COLI MFM-FCBR	31633 E. COLI THERMOTOL	31673 FECSTREP MFKFAGAR	00061 STREAM FLOW, INST-CFS
					MG/L	MG/L	C	/100ML	#/100ML	/100ML	
92/06/02	1430							32			42
92/06/24	1042							262			9
92/07/14	1045				.3K	1K	57	34			20
92/07/28	1110				.3K	1K	48	22			120
92/08/11	1220				.3K	2	53	15			150
92/09/01	1325				.3K	1K	60	26			240
92/09/09	1355							25			

STORET RETRIEVAL DATE 92/11/18

PGM=RET

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DRBC 144532

41 0 074 57 45.0 2

FLAT CR AT OLD MINE ROAD BRIDGE
34041 NEW JERSEY WARREN 020300
NORTH ATLANTIC

/TYPA/AMBT/STREAM/BIO

DELAWARE RIVER ZONE 1

31DRBCSP 860614 02040104003 0000.500 ON
0000 FEET DEPTH

DATE FROM TO	TIME OF DAY	MEDIUM	SPK OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CONDUCTVY AT 25C MICROMHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4-- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L	00665 PHOS-T MG/L	70507 PHOS-T MG/L
92/07/01	1230	WATER		8.9	20.6	24.5	210	8.00	.560	.010	.10	.021		.010K
92/07/08	1225	WATER		9.2	19.5	26.0	213	8.00	.211	.012	.12	.017		.010K
92/07/22	1210	WATER		9.1	20.8	29.0	223	8.50	.872	.016	.05K	.014		.010K
92/07/29	1130	WATER		9.8	18.0	25.5	129	8.50						
92/08/05	1200	WATER		9.8	18.4	25.0	186	8.00	.100K	.010K	.05K	.014		.010K
92/08/19	1110	WATER		10.1	17.7	21.0	147	8.00	1.270	.011	.05K	.015		.010K
92/08/26	1100	WATER		9.4	19.2	23.0	200	8.00	.100K	.026	.05K	.011		.010K
92/09/09	1410	WATER		10.4	20.0	28.0	167	9.00						

SIOTRET RETRIEVAL DATE 92/11/18

PGM=RET

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DRBC/NPS32
41 06 08.0 074 57 45.0 2
FLATBROOK CR AT OLD MINE ROAD BRIDGE
34041 NEW JERSEY WARREN
NORTH ATLANTIC 020300
DELANARE RIVER ZONE 1
31DRBCSP 860614 02040104003 0000.500 ON
0000 FEET DEPTH

/TYPA/AMBNT/STREAM/BIO

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00310 BOD 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE DISS-180 C MG/L	31616 FEC COLI MFH-FCBR /100ML	31633 E.COLI THERMTOL #/100ML	31673 FECSTREP HFKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
92/07/01	1230	WATER		.5	4	118	7			
92/07/08	1225	WATER		.5	2	133	16			
92/07/22	1210	WATER		.3K	1K	145	30			
92/07/29	1130	WATER					51			
92/08/05	1200	WATER		.3K	1K	120	28			
92/08/19	1110	WATER		.3K	1	107	75			
92/08/26	1100	WATER		.3K	1K	120	27			
92/09/09	1410	WATER					32			

STOR ET RETRIEVAL DATE 92/11/10

PGH=RET

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DRBC/NPS321
41 09 25.0 074 52 39.0 2
FLAT BROOK AT WALPACK CENTER BRIDGE (NJ)
34037 NEW JERSEY SUSSEX
NORTH ATLANTIC 020300
DELAWARE RIVER - ZONE 1 RM225.3/7.2/
31DRBCSP 890225
0000 FEET DEPTH 02040104003 0007.200 ON

/TYPA/AMBNT/STREAM/BIO

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CONDUCTVY AT 25C MICROMHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L	70507 PHOS-T ORTHO MG/L
92/07/29	1155	WATER		9.7	18.0	29.0	138	8.00					
92/09/09	1440	WATER		10.6	19.0	28.0	175	8.00					

STORET RETRIEVAL DATE 92/11/18

PGM=RET

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/TYPA/AMBNT/STREAM/BIO

DRBC/NPS321

41 09 25.0 074 52 39.0 2

FLAT BROOK AT WALPACK CENTER BRIDGE (NJ)

34037 NEW JERSEY SUSSEX

NORTH ATLANTIC 020300

DELAWARE RIVER - ZONE 1 RM225.3/7.2/

31DRBCSP 890225 02040104003 0007.200 ON

0000 FEET DEPTH

DATE	TIME	SMK	OR	DEPTH	00310	00530	70300	31616	31633	31673	00061
FROM	DAY	DAY	BOD	5 DAY	TOT	RESIDUE	RESIDUE	FEC COLI	E. COLI	FECSTREP	STREAM
TO	DAY	MEDIUM	MG/L	MG/L	MG/L	MG/L	DISS-180	MFM-FCBR	THERMOTOL	MFKTAGAR	FLOW,
		(FT)					C	/100ML	8/100ML	/100ML	INST-CFS

92/07/29	1155	WATER	52
92/09/09	1440	WATER	100

SIORRET RETRIEVAL DATE 92/11/18

PGM=RET

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DRBC/NPS33
41 05 30.0 075 00 12.0 2
BUSHKILL CR AT RT 209 BRIDGE
42103 PENNSYLVANIA PIKE
NORTH ATLANTIC 020300
DELAWARE RIVER ZONE 1
31DRBCSP 860614
0000 FEET DEPTH

/TYPA/AMBT/STREAM/BIO

02040104044 0000.700 ON

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CONDUCTVY AT 25C MICROMHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4 - N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/07/01	1400	WATER		8.6	23.4	28.0	53	7.00	.604	.010K	.05K	.045	.019
92/07/08	1345	WATER		8.3	22.0	26.0	52	6.50	.166	.018	.05K	.043	.021
92/07/14	1415	WATER		8.2	25.0	31.5	58	6.50					
92/07/15	1140	WATER		8.3	23.5	28.0	55	6.80					
92/07/22	1345	WATER		8.3	23.2	24.5	58	7.00	.100K	.022	.04	.052	.034
92/07/28	1310	WATER		9.0	19.0	21.0	37	6.80					
92/08/05	1313	WATER		8.8	20.0	24.0	31	6.80	.100K	.012	.08	.048	.031
92/08/11	1315	WATER		9.1	22.0	30.0	56	6.50					
92/08/19	1215	WATER		9.6	19.0	20.5	63	7.00	.690	.011	.31	.111	.010K
92/08/26	1210	WATER		9.4	21.7	24.0	64	7.00	.100K	.028	.10	.037	.029
92/09/01	1430	WATER		8.6	20.5	23.0	55	6.00					

STORET RETRIEVAL DATE 92/11/18

PGM=RET

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/TYPE/AMBT/STREAM/BIO

DRBC/NPS33

41 05 30.0 075 00 12.0 2

BUSHKILL CR AT RT 209 BRIDGE

42103 PENNSYLVANIA PIKE

NORTH ATLANTIC 020300

DELAWARE RIVER ZONE 1

31DRBCSP 860614

0000 FEET DEPTH

02040104044 0000.700 ON

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00310 BOO 5 DAY MG/L	00530 RESIQUE TOT NFLT MG/L	70300 RESIQUE OISS-180 C	31616 FEC COLI MFH-FCBR /100ML	31633 E.COLI THERMIOL #/100ML	31673 FECSTREP MFKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
92/07/01	1400	WATER		.3K	5	42	15			
92/07/08	1345	WATER		.3K	4	44	4			
92/07/14	1415	WATER					22			
92/07/15	1140	WATER					28			
92/07/22	1345	WATER		.3K	1	45	12			
92/07/28	1310	WATER					43			
92/08/05	1313	WATER		.3K	1K	36	12			
92/08/11	1315	WATER					19			
92/08/19	1215	WATER		.3K	2	60	20			
92/08/26	1210	WATER		.3K	1	53	58			
92/09/01	1430	WATER					31			

STORET RETRIEVAL DATE 92/11/18

PGH=RET

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DRBC/NPS3312
41 05 03.0 075 01 21.0 2
BUSHKILL CR 266 FT DS OF DISCHARGE - SECT 3B(PA)
42089 PENNSYLVANIA MONROE
NORTH ATLANTIC 020300
DELAWARE RIVER - ZONE 1 RM226.9/2.22
31DRBCSP 900519 02040104046 0001.320 ON
0000 FEET DEPTH

/TYPE/AMBT/STREAM/BIO

DATE FROM TO	TIME OF DAY	MEDIUM	SHK OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CONDUCTIVITY AT 25C MICROMHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L	70507 PHOS-T ORTHO MG/L
92/08/19	1310	WATER		9.6	18.9	19.5	57	6.80	.863	.024	.08	.055	.010K
92/08/26	1303	WATER		9.2	21.7	23.5	68	7.00	.100K	.044	.05K	.046	.028
92/09/01	1230	WATER		9.4	17.5	19.8	60	6.50	.345	.180	.43	.140	.128

STORE1 RETRIEVAL DATE 92/11/10

PGH=RET

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DRBC/NPS3312
41 05 03.0 075 01 21.0 2
BUSHKILL CR 266 FT DS OF DISCHARGE - SECT 38(PA)
42089 PENNSYLVANIA MONROE
NORTH ATLANTIC 020300
DELAWARE RIVER - ZONE 1 RM226.9/2.22
31DRBCSP 900519 02040104046 0001.320 ON
0000 FEET DEPTH

/TYPE/AMBNIT/STREAM/BIO

DATE FROM TO	TIME OF DAY	MEDIUM	SN# OR DEPTH (FT)	00310 BOD 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE DISS-180 C MG/L	31616 FEC COLI MFM-FCBR /100ML	31633 E.COLI THERMTOL #/100ML	31673 FECSTREP MFKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
92/08/19	1310	WATER		.3K	2	48	73			
92/08/26	1303	WATER		.3K	1	92	58			
92/09/01	1230	WATER		.3K	1	56	30			

STORE1 RETRIEVAL DATE 92/11/18

PGH=RET

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DRBC/NPS332

41 05 01.0 075 01 26.0 2

BUSHKILL CR 50 FT US OF DISCHARGE - SECT 1 (PA)

42089 PENNSYLVANIA MONROE

NORTH ATLANTIC 020300

DELAWARE RIVER - ZONE 1 RM226.9/2.27

31DRBCSP 900512

0000 FEET DEPTH

02040104046 0001.370 ON

/TYPE/AMBNT/STREAM/BIO

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CONDUCTIVITY AT 25C MICROMHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4-N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/08/19	1245	WATER		9.3	18.9	19.5	49	6.50	.896	.010K	.05K	.034	.010K
92/08/26	1247	WATER		9.4	21.7	24.0	59	7.00	.100K	.026	.05K	.029	.012
92/09/01	1215	WATER		10.0	18.0	21.5	47	7.00	.100K	.010K	.30	.070	.055

STORET RETRIEVAL DATE 92/11/18

PGH=RET

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ORBC/NPS332

41 05 01.0 075 01 26.0 2

BUSHKILL CR 50 FT US OF DISCHARGE - SECT 1 (PA)

42089 PENNSYLVANIA

NORTH ATLANTIC

DELAWARE RIVER - ZONE 1

310RBCSP 900512

0000 FEET DEPTH

020300
02040104046 0001.370 ON

/TYP/AMBT/STREAM/BIO

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00310 BOD 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE OISS-180 C MG/L	31616 FEC COLI MFM-FCBR /100ML	31633 E. COLI THERMOTOL #/100ML	31673 FECSTREP MFKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
92/08/19	1245	WATER		.3K	2	39				
92/08/26	1247	WATER		.3K	1	48				
92/09/01	1215	WATER		.3K	1K	49				

STORET RETRIEVAL DATE 92/11/18

PGM=RET

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DRBC/NPS34
41 05 30.0 075 00 15.0 2
LITTLE BUSHKILL 8R NEAR CONF W/ BUCHKILL CR
42103 PENNSYLVANIA PIKE
NORTH ATLANTIC 020300
DELAWARE RIVER ZONE 1
31DR8CSP 880227 02040104
0000 FEET DEPTH

/TYPE/ANBNT/STREAM/BIO

DATE FROM TO	TIME OF DAY	MEDIUM	SPK OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CONDUCTIVITY AT 25C MICROMHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4-- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/05/27		WATER		10.2	11.3	12.0	29	6.50					
92/06/16	1033	WATER		9.0	16.1	19.8	25	6.50					
92/06/23	1345	WATER		9.9	14.0	26.0	25	6.80					
92/06/25	1305	WATER		9.8	16.0	21.0	16	6.50					
92/07/13	1058	WATER		8.1	20.0	26.5	32	6.50					
92/07/14	1410	WATER		8.6	22.0	31.5	75	6.50					
92/07/15	1126	WATER		8.1	21.9	28.0	43	6.50					
92/07/28	1305	WATER		9.1	18.0	21.0	26	6.50					
92/08/11	1300	WATER		9.2	21.0	30.0	37	6.50					
92/08/19	1228	WATER		9.2	17.3	20.0	42	6.50	.825	.010K	.06	.024	.010K
92/08/26	1222	WATER		8.9	19.6	24.2	46	6.50	.351	.018	.11	.025	.010K
92/09/01	1350	WATER		9.9	17.0	25.0	27	6.50	.672	.010K	.06	.017	.010K

SI ORET RETRIEVAL DATE 92/11/18

PGM=RET

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/TYPE/AMBT/STREAM/BIO

DRBC/NPS34
41 05 30.0 075 00 15.0 2
LITTLE BUSHKILL BR NEAR CONF W/ BUCHKILL CR
42103 PENNSYLVANIA PIKE
NORTH ATLANTIC 020300
DELAWARE RIVER ZONE 1
31DRBCSP 880227 02040104
0000 FEET DEPTH

DATE FROM TO	TIME OF DAY	MEDIUM	SWK OR DEPTH (FT)	00310 BOD 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE DISS-180 C MG/L	31616 FEC COLI MFM-FCBR /100ML	31633 E.COLI THERMOTOL #/100ML	31673 FECSTREP MFKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
92/05/27		WATER					9			34C
92/06/16	1033	WATER					1			76C
92/06/23	1345	WATER					18			28C
92/06/25	1305	WATER					6			31C
92/07/01	1448	WATER								21
92/07/13	1058	WATER					11			17
92/07/14	1410	WATER					9			58C
92/07/15	1126	WATER					9			16C
92/07/22	1405	WATER								14
92/07/28	1305	WATER					35			35C
92/08/05	1500	WATER								18
92/08/11	1300	WATER					5			21C
92/08/19	1228	WATER		.3K	3	42	17			29C
92/08/26	1222	WATER		.3K	1K	41	27			66C
92/09/01	1350	WATER		.3K	1	41	20			12C

STORE1 RETRIEVAL DATE 92/11/18

PGH=RET

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DRBC/NPS341

41 05 19.0 075 02 18.0 2

BUSHKILL CREEK AT DEWA BOUNDARY (PA)

42103 PENNSYLVANIA PIKE

NORTH ATLANTIC 020300

DELAWARE RIVER - ZONE 1 RM226.9/3.2/

31DRBCSP 881227

0000 FEET DEPTH

/TYPA/AMBT/STREAM/BIO

02040104046 0003.200 ON

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CONDUCTVY AT 25C MICROMHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/07/14	1345	WATER		8.5	22.0	32.5	33	7.00	.265	.010K	.05K	.027	.012
92/07/28	1230	WATER		9.4	19.1	20.0	27	6.80	.100K	.072	.05K	.029	.010K
92/08/11	1240	WATER		9.4	22.0	33.5	38	7.00	.354	.010	.05K	.022	.010K
92/09/01	1320	WATER		9.8	19.0	19.2	33	6.50	.100K	.018	.05K	.013	.010K

STORE RETRIEVAL DATE 92/11/18

PGH=RET

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/TYPE/AMBT/STREAM/BIO

DRBC/NPS341
41 05 19.0 075 02 18.0 2
BUSHKILL CREEK AT DEMA BOUNDARY (PA)
42103 PENNSYLVANIA PIKE
NORTH ATLANTIC 020300
DELAWARE RIVER - ZONE 1 RM226.9/3.2/
31DRBCSP 881227 02040104046 0003.200 ON
0000 FEET DEPTH

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00310 BOD 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE DISS-180 C	31616 FEC COLI MFN-FCBR /100ML	31633 E.COLI THERMTOL #/100ML	31673 FECSTREP MFKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
92/07/14	1345	WATER		.3K	1K	47	23			
92/07/28	1230	WATER		.3K	1	28	32			
92/08/11	1240	WATER		.3K	1	40	22			
92/09/01	1320	WATER		.3K	1K	35	20			

STORE1 RETRIEVAL DATE 92/11/18

PGM=RET

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/TYPE/AMBT/STREAM/BIO

ORBC/NPS342

41 05 24.0 075 02 18.0 2

SAM CREEK NEAR BUSHKILL CREEK CONFLUENCE (PA)

42103 PENNSYLVANIA

NORTH ATLANTIC

020300

DELAWARE RIVER - ZONE 1 RM226.9/3.3/.1

31ORBCSP 881227

0000 FEET DEPTH

02040104046 0003.300 OFF

DATE	TIME	SMK	DO	WATER	AIR	CONDUCTIVITY	PH	TOT KJEL	NH3+NH4-	NO2&NO3	PHOS-TOT	PHOS-T
FROM	OF	OR	DO	TEMP	TEMP	AT 25C	PH	N	N TOTAL	N-TOTAL	MG/L P	MG/L P
TO	OAY	DEPTH	MG/L	CENT	CENT	MICROMHO	SU	MG/L	MG/L	MG/L	MG/L P	MG/L P
92/06/02	1200	WATER	9.6	13.0	23.0	23	6.50					70507
92/06/11	1125	WATER	9.6	19.0	23.0	30	6.50					PHOS-T
92/06/18	1138	WATER	9.2	17.0	20.0	34	6.75					ORTHO
92/06/23	1445	WATER	9.9	14.0	25.0	31	6.80					MG/L P
92/06/25	1428	WATER	9.7	17.0	23.0	38	6.50					
92/07/14	1350	WATER	8.7	22.0	34.0	52	7.00					
92/07/15	1110	WATER	8.4	21.6	31.0	62	6.50					
92/07/28	1250	WATER	9.1	18.0	22.8	50	6.80					
92/08/11	1300	WATER	9.4	20.0	32.0	45	7.00					
92/09/01	1335	WATER	10.0	17.5	20.0	43	6.50					

STORET RETRIEVAL DATE 92/11/18

PGN=RET

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ORBC/NPS342

41 05 24.0 075 02 18.0 2

SAM CREEK NEAR BUSHKILL CREEK CONFLUENCE (PA)

42103 PENNSYLVANIA PIKE

NORTH ATLANTIC 020300

DELAWARE RIVER - ZONE 1 RM226.9/3.3/.1

310RBCSP 881227 02040104046 0003.300 OFF

0000 FEET DEPTH

/YTPA/AFBNT/STREAM/BIO

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00310 800 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE DISS-180 C MG/L	31616 FEC COLI MFM-FCBR /100ML	31633 E. COLI THERMITOL #/100ML	31673 FECSTREP MFKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
92/06/02	1200	WATER					100			379C
92/06/11	1125	WATER					143			88C
92/06/18	1138	WATER					16			31C
92/06/23	1445	WATER					16			22C
92/06/25	1428	WATER					34			30C
92/07/14	1350	WATER					236			20C
92/07/15	1110	WATER					195			21C
92/07/16	1410	WATER					182			33
92/07/28	1250	WATER								32C
92/07/30	1050	WATER								24
92/08/03	1049	WATER								20
92/08/11	1300	WATER					221			24C
92/09/01	1335	WATER					73			15C

STORLI REIRIEVAL DATE 92/11/18

PGH=RET

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/TYPA/AMBT/STREAM/BIO

DRDC/NPS36

41 07 29.0 074 57 14.0 2

TOMS CR AT RT 209 BRIDGE

42103 PENNSYLVANIA PIKE

NORTH ATLANTIC 020300

DELAWARE RIVER ZONE 1

31DRBCSP 860614

02040104005 0003.500 OFF

0000 FEET DEPTH

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CONDUCTIVITY AT 25C MICROMHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/05/27	1130	WATER		11.0	10.1	13.5	29						
92/06/18	1215	WATER		10.1	14.0	20.0	38						
92/07/13	1445	WATER		9.6	18.0	26.0	43						
92/07/15	1212	WATER		9.1	18.6	27.0	67						
92/07/28	1430	WATER		9.4	16.0	21.0	43						
92/08/11	1420	WATER		8.8	15.0	27.0	60						
92/09/01	1445	WATER		9.7	15.0	21.5	53						

SIOTRET RETRIEVAL DATE 92/11/18

PGH=RET

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/TYPA/ABNT/STREAM/BIO

DRBC/NPS36
41 07 29.0 074 57 14.0 2
TOMS CR AT RT 209 BRIDGE
42103 PENNSYLVANIA PIKE
NORTH ATLANTIC 020300
DELAWARE RIVER ZONE 1
310RBCSP 860614
0000 FEET DEPTH
02040104005 0003.500 OFF

DATE FROM TO	TIME OF DAY	MEDIUM	SHK OR DEPTH (FT)	00310 BOD 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE DISS-180 C MG/L	31616 FEC COLI MFM-FCBR /100ML	31633 E. COLI THERMTOL #/100ML	31673 FECSTREP MFKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
92/05/27	1130	WATER								8
92/06/18	1215	WATER								9
92/07/06	1550	WATER								10
92/07/13	1445	WATER								6C
92/07/15	1212	WATER								4C
92/07/28	1430	WATER								10C
92/08/11	1420	WATER								8C
92/09/01	1445	WATER								4C

PGH=RET

STORET RETRIEVAL DATE 92/11/18

DRBC/NPS361
41 09 07.0 074 57 19.0 2
TOMS CREEK AT DENA BOUNDARY (PA)
42103 PENNSYLVANIA PIKE
NORTH ATLANTIC 020300
DELMARE RIVER - ZONE 1 RM230.4/2.7/
31DRBCSP 890225
0000 FEET DEPTH

/TYPE/ABNT/STREAM/BIO

02040104005 0003.500 OFF

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CONDUCTVY AT 25C MICROWHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/07/14	1317	WATER		9.0	20.0	31.5	54	7.00	.100K	.012	.07	.016	.010K
92/07/28	1130	WATER		9.4	16.0	22.5	44	6.80	.102	.095	.11	.014	.010K
92/08/11	1120	WATER		9.6	19.0	30.0	53	7.00	.100K	.011	.08	.012	.010K
92/09/01	1140	WATER		9.8	15.0	23.5	45	7.00	.204	.031	.08	.010K	.010K

STORET RETRIEVAL DATE 92/11/18

PGM=RET

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/TYPE/AMBT/STREAM/BIO

DRBC/NPS361
41 09 07.0 074 57 19.0 2
TOMS CREEK AT DEWA BOUNDARY (PA)
42103 PENNSYLVANIA PIKE
NORTH ATLANTIC 020300
DELAWARE RIVER - ZONE 1 RM230.4/2.7/
31DRBCSP 890225 02040104005 0003.500 OFF
0000 FEET DEPTH

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00310 BOD 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE DISS-180 C MG/L	31616 FEC COLI MFM-FCBR /100ML	31633 E. COLI THERMTOL #/100ML	31673 FECSTREP MFKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
92/07/14	1317	WATER		.3K	1K	40				
92/07/28	1130	WATER		.3K	1K	52	25			
92/08/11	1120	WATER		.3K	1	56	70			
92/09/01	1140	WATER		.3K	1K	63	20			
							15			

STORET RETRIEVAL DATE 92/11/18

PGM=RET

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/TYPA/AMBNT/STREAM/BIO

DRBC/NPS4

41 02 18.0 075 02 00.0 2

DEL R AT POXONO ACC AREA

34041 NEW JERSEY

WARREN

020300

NORTH ATLANTIC

DELAWARE RIVER ZONE 1

31DRBCSP 860614

0000 FEET DEPTH

02040104002 0006.400 ON

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CONDUCTVY AT 25C MICROMHO	00400 PH	00625 TOT KJEL N MG/L	00610 NH3+NH4- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/07/14	1000	WATER		7.8	23.9	25.0	96						
92/07/29	1055	WATER		8.2	22.0	24.0	75						
92/09/09	1145	WATER		8.2	22.0	27.0	82						

ii

STORE1 RETRIEVAL DATE 92/11/18

PGN=RET

PAGE: 90

DRBC/NPS4

41 02 18.0 075 02 00.0 2

DEL R AT POXONO ACC AREA

34041 NEW JERSEY

WARREN

020300

NORTH ATLANTIC

DELAWARE RIVER ZONE 1

31DRBCSP 860614

0000 FEET DEPTH

02040104002 0006.400 ON

/TYPE/AMBT/STREAM/BIO

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00310 BOD 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE DISS-180 C MG/L	31616 FEC COLI MFH-FCBR /100ML	31633 E. COLI THERITOL #/100ML	31673 FECSTREP MFKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
92/07/14	1000	WATER								
92/07/29	1055	WATER								
92/09/09	1145	WATER								

5
12
15

SIOTRET RETRIEVAL DATE 92/11/18

PGH=RET

PAGE: 91

/TYPA/AMBNT/STREAM/BIO

DRBC/NPS41

41 11 22.5 074 53 04.0 2

HORNBECK CR AT RT 209 BRIDGE

42103 PENNSYLVANIA PIKE

NORTH ATLANTIC 020300

DELMARE RIVER ZONE 1

31DRBCSP 860614

0000 FEET DEPTH

02040104005 0009.900 OFF

DATE FROM TO	TIME OF DAY	MEDIUM	SHK OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CNDUCTVY AT 25C MICROMHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4-- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/05/27	1247	WATER		10.4	12.0	16.0	45	7.00					
92/07/15	1410	WATER		8.7	23.0	31.0	82	7.00					
92/07/28	1450	WATER		9.3	17.5	21.5	58	7.00					
92/08/12	1130	WATER		9.2	18.0	24.0	61	7.00					
92/09/02	1050	WATER		9.9	14.0	21.0	56	7.00					

STORET RETRIEVAL DATE 92/11/18

PGM=RET

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DRBC/NPS41
41 11 22.5 074 53 04.0 2
HORNBECK CR AT RT 209 BRIDGE
42103 PENNSYLVANIA PIKE
NORTH ATLANTIC 020300
DELAWARE RIVER ZONE 1
31DRBCSP 860614
0000 FEET DEPTH

02040104005 0009.900 OFF

/TYP/A/MBNT/STREAM/BIO

DATE FROM TO	TIME OF DAY	MEIUM	SMK OR DEPTH (FT)	00310 BOO 5 DAY MG/L	00530 RESIQUE TOT NF LT MG/L	70300 RESIQUE OISS-180 C MG/L	31616 FEC COLI MFM-FCBR /100ML	31633 E.COLI THERMTOL #/100ML	31673 FECSTREP MFKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
92/05/27	1247	WATER		12						5
92/07/15	1410	WATER		1K						1C
92/07/28	1450	WATER		26						4C
92/08/12	1130	WATER		10						
92/09/02	1050	WATER		24						.7C

SIORET RETRIEVAL DATE 92/11/18

PGM=RET

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/TYPE/AMBT/STREAM/BIO

DRBC/NPS411

41 11 44.0 074 54 35.0 2

HORNBECKS CREEK AT DEWA BOUNDARY (PA)

42103 PENNSYLVANIA PIKE

NORTH ATLANTIC 020300

DELAWARE RIVER - ZONE 1 RM236.4/2.1/

31DRBCSP 881227

0000 FEET DEPTH

02040104005 0009.500 OFF

DATE FROM TO	TIME OF DAY	MEDIUM	SNK OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CONDUCTVY AT 25C MICRONHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/07/14	1240	WATER											
92/07/28	1110	WATER		7.8	19.0	21.0	62	6.50	.100K	.010K	.05K	.034	.012
92/08/11	1155	WATER		6.9	22.5	31.0	81	6.50	.100K	.063	.05	.023	.010K
92/09/01	1120	WATER		7.7	20.0	21.8	81	6.50	.380	.038	.05K	.025	.010K
									2.190	.015	.05K	.019	.010K

SIURET RETRIEVAL DATE 92/11/18

PGH=RET

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/TPA/AMBT/STREAM/BIO

DRBC/NPS411
41 11 44.0 074 54 35.0 2
HORNBECKS CREEK AT OEMA BOUNDARY (PA)
42103 PENNSYLVANIA PIKE
NORTH ATLANTIC 020300
OELAMARE RIVER - ZONE 1 RM236.4/2.1/
310RBCSP 881227 02040104005 0009.500 OFF
0000 FEET DEPTH

DATE FROM TO	TIME OF DAY	MEDIUM	SHK OR DEPTH (FT)	00310 BOO 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE OISS-180 C MG/L	31616 FEC COLI MFH-FCBR /100ML	31633 E. COLI THERMTOL #/100ML	31673 FECSTREP MFKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
92/07/14	1240	WATER		.6	2	60				
92/07/28	1110	WATER		.4	1K	62				
92/08/11	1155	WATER		.3K	2	65				
92/09/01	1120	WATER		.3K	1K	77				

STORET RETRIEVAL DATE 92/11/18

PGM=RET

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DRBC/NPS42
41 13 15.0 074 52 17.0 2
DINGMANS CR AT RT 209 BRIDGE
42103 PENNSYLVANIA PIKE
NORTH ATLANTIC 020300
DELAWARE RIVER ZONE 1
31DRBCSP 860614
0000 FEET DEPTH

HQ 02040104005 0012.870 OFF

/TYPE/AMNT/STREAM/BIO

DATE FROM	TIME OF DAY	SMK OR DEPTH (FT)	00310 BOD 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE DISS-180 C MG/L	31616 FEC COLI MFM-FCBR /100ML	31633 E. COLI THERMIOL #/100ML	31673 FECSTREP MFKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
92/06/03	1403	WATER				10		50	75C
92/06/11	1254	WATER				5			43
92/06/16		WATER				6			
92/07/01	1315	WATER	.3	21	48	12			51C
92/07/08	1120	WATER	.3K	1K	38	1K			5C
92/07/15	1430	WATER				12			9C
92/07/17	1610	WATER							7
92/07/22	1130	WATER	.3K	1K	54	6			
92/07/29	1027	WATER				15			12C
92/07/30	1335	WATER							4
92/08/05	1120	WATER	.3K	1K	37	3			2C
92/08/12	1355	WATER				7			5C
92/08/19	1040	WATER	.3K	1K	58	42			18C
92/08/26	0950	WATER	.3K	1K	61	6			1K
92/09/02	1020	WATER				10			1K

PGH=RET

STORET RETRIEVAL DATE 92/11/10

ORRC/NPS421
41 14 17.0 074 55 12.0 2
INGHANS CREEK AT OEMA BOUNDARY (PA)
42103 PENNSYLVANIA PIKE
NORTH ATLANTIC 020300
DELAWARE RIVER - ZONE 1 RM239.2/3.5/
31DRBCSP 881227
02040104005 0012.300 OFF
0000 FEET DEPTH

/TYP/A/ENT/STREAM/BIO

DATE FROM TO	TIME OF DAY	MEDIUM	SWK OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CNDUCTVY AT 25C MICROMHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/07/15	1445	WATER		7.4	25.0	31.0	50	6.50					
92/07/29	1050	WATER		8.0	19.9	20.0	53	6.80					
92/08/12	1100	WATER		8.3	20.0	23.0	45	7.00					
92/09/02	1320	WATER		9.0	17.0	21.0	39	7.00					

PGM=RET

STORET RETRIEVAL DATE 92/11/18

DRBC/NPS43
41 14 21.0 074 51 28.0 2
ADAMS CR AT RT 209 BRIDGE
42103 PENNSYLVANIA PIKE
NORTH ATLANTIC 020300
DELAWARE RIVER ZONE 1
31DRBCSP 860614
0000 FEET DEPTH

HQ 02040104005 0014.260 OFF

/TYPE/AMBT/STREAM/BIO

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00310 BOD 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE OISS-180 C MG/L	31616 FEC COLI MFH-FCBR /100ML	31633 E.COLI THERMIOL 8/100ML	31673 FECSTREP MFKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
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92/07/29 1125 WATER

STORET RETRIEVAL DATE 92/11/18

PGM=RET

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/TYPE/AMBT/STREAM/BIO

ORBC/NPS45

41 17 12.5 074 50 05.0 2
RAYMONDSKILL CR AT RT 209 BR10GE
42103 PENNSYLVANIA PIKE
NORTH ATLANTIC 020300
DELAWARE RIVER ZONE 1
310RBCSP 860614 02040104041 0000.300 ON
0000 FEET DEPTH

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CNDUCTVY AT 25C MICROMHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/05/20	1515	WATER		9.2	17.0		49	7.00					
92/06/11	1409	WATER		9.6	19.0	23.5	44	6.50					
92/06/24	1250	WATER		9.4	16.0	17.0	45	6.50					
92/07/01	1045	WATER		8.4	20.5	23.0	69	7.00	.693	.010K	.05	.025	.010K
92/07/08	0950	WATER		8.9	17.1	19.0	69	7.00	.109	.015	.05K	.017	.010K
92/07/22	1015	WATER		8.4	18.9	21.6	69	7.00	.100K	.015	.05	.024	.010
92/07/29	1150	WATER		9.0	18.2	22.0	66	6.50	.100K	.010K	.04	.018	.010K
92/08/05	1030	WATER		8.9	17.0	20.0	67	6.50					
92/08/12	1325	WATER		8.8	20.0	27.0	53	7.00					
92/08/19	0930	WATER		8.9	17.0	18.0	68	6.50	1.860	.010K	.07	.025	.010K
92/08/26	0845	WATER		8.3	19.9	19.1	73	7.00	.100K	.011	.07	.018	.010K
92/09/02	0920	WATER		9.9	13.5	14.0	40	7.00					

STORET RETRIEVAL DATE 92/11/18

PGM=RET

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/TYPE/AMBNT/STREAM/BIO

DRBC/NPS45

41 17 12.5 074 50 05.0 2
RAYMONDSKILL CR AT RT 209 BRIDGE
42103 PENNSYLVANIA PIKE
NORTH ATLANTIC 020300
DELAWARE RIVER ZONE 1
31DRBCSP 860614 02040104041 0000.300 ON
0000 FEET DEPTH

DATE FROM TO	TIME OF DAY	MEDIUM	SH# OR DEPTH (FT)	00310 BOD 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE DISS-180 C MG/L	31616 FEC COLI /100ML	31633 E.COLI THERMITOL #/100ML	31673 FECSTREP HFKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
92/05/21	1515	WATER								29
92/06/11	1409	WATER					22			42C
92/06/24	1250	WATER					111			
92/07/01	1045	WATER		.3	1K	60	4			.03C
92/07/08	0950	WATER		.3K	1K	51	9			8C
92/07/22	1015	WATER		.8	1K	56	1K			7C
92/07/29	1150	WATER					50			12C
92/08/05	1030	WATER		.3K	1K	62	2			8C
92/08/12	1325	WATER					9			9C
92/08/19	0930	WATER		.3K	3	54	58			21C
92/08/26	0845	WATER		.3K	1K	63	5			6C
92/09/02	0920	WATER					5			5C

SIUREI REIRIEVAL DATE 92/11/18

PGH=RET

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/TYPA/AMBNT/STREAM/BIO

DRBC/NPS451
41 18 20.0 074 51 06.0 2
RAYMONDSKILL CREEK AT DEMA BOUNDARY (PA)
42103 PENNSYLVANIA PIKE
NORTH ATLANTIC 020300
DELAWARE RIVER - ZONE 1 RM243.9/3.0/
31DRBCSP 881227 02040104041 0003.000 OFF
0000 FEET DEPTH

DATE FROM TO	TIME OF DAY	MEDIUM	SHK OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CNDUCTIVY AT 25C MICROMHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/07/15	1505	WATER		7.9	24.0	28.0	65	6.50					
92/07/29	1200	WATER		8.8	19.1	24.0	66	6.50					
92/08/12	1020	WATER		8.4	19.0	23.0	52	6.50					
92/09/02	1415	WATER		9.1	18.0	21.5	47	7.00					

STORET RETRIEVAL DATE 92/11/18

PGM=RET

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/TYPA/AMBNT/STREAM/BIO

DRBC/NPS451

41 18 20.0 074 51 06.0 2
RAYMONDSKILL CREEK AT DEMA BOUNDARY (PA)
42103 PENNSYLVANIA
NORTH ATLANTIC PIKE
DELAWARE RIVER - ZONE 1 020300
31DRBCSP 881227 RM243.9/3.0/
0000 FEET DEPTH 020640104-041

DATE FROM TO	TIME OF DAY	SWK OR DEPTH (FT)	00310 BOD 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE DISS-180 C MG/L	31616 FEC COLI MFH-FCBR /100ML	31633 E. COLI THERMOL #/100ML	31673 FECSTREP MFKFAGAR /100ML	00061 INST-CFS STREAM FLOW,
92/07/15	1505	WATER				17			
92/07/29	1200	WATER				15			
92/08/12	1020	WATER				23			
92/09/02	1415	WATER				7			

STORET RETRIEVAL DATE 92/11/18

PGM=RET

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DRBC/NPS461
41 18 33.0 074 47 44.0 2
DR AT MILFORD BEACH (PA)
42103 PENNSYLVANIA PIKE
NORTH ATLANTIC 020300
310R8CSP 880903 02040104
0000 FEET DEPTH

/TYPE/AMBT/STREAM/BIO

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00300 00 MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CONDUCTVY AT 25C MICROMHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/06/30	1330	WATER			22.0	28.5		7.00	.560	.015	.15	.022	.010K
92/07/01	0945	WATER		7.6	22.0	24.0	80		.604	.010	.14	.026	.010K
92/07/07	1336	WATER		8.6	23.0	25.0		7.00	.134	.015	.33	.031	.010K
92/07/08	0925	WATER		7.9	22.0	26.0		7.00	.134	.016	.18	.031	.016
92/07/21	1340	WATER		8.4	25.0	26.0			.123	.027	.25	.030	.010K
92/07/22	0915	WATER		7.8	22.5	20.0	223	7.00	.340	.015	.17	.025	.010
92/08/04	1200	WATER			21.5	25.0		7.00	.100K	.049	.16	.027	.010K
92/08/05	0925	WATER		8.6	20.0	22.5	63	7.00	.410	.010K	.15	.035	.010K
92/08/14	1400	WATER		9.6	20.3	25.0	83	7.00					
92/08/18	1215	WATER			20.0	19.0		7.00	.133	.010	.19	.021	.010K
92/08/19	0915	WATER		8.2	20.0	19.0	68	6.50	1.180	.010	.23	.022	.010K
92/08/25	1235	WATER		8.9	24.0	30.0		7.50	.195	.010K	.07	.016	.010K
92/08/26	0920	WATER		7.4	24.0	23.0	82	7.00	.100K	.019	.07	.020	.010K

STORET RETRIEVAL DATE 92/11/18

PGH=RET

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/TYPE/AMBNT/STREAM/BIO

ORBC/NPS461
41 18 33.0 074 47 44.0 2
DR AT MILFORD BEACH (PA)
42103 PENNSYLVANIA PIKE
NORTH ATLANTIC 020300
31DR8CSP 880903 02040104
0000 FEET DEPTH

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00310 BOD 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE DISS-180 C	31616 FEC COLI MFH-FCBR /100ML	31633 E. COLI THERMITOL #/100ML	31673 FECSTREP MFKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
92/06/30	1330	WATER		.6			29	18		
92/07/01	0945	WATER		.5			28	35		
92/07/07	1336	WATER		1.0			34	1K		
92/07/08	0925	WATER		.3K			33	30		
92/07/21	1340	WATER		.3K	3	69	17	1K		
92/07/22	0915	WATER		.4	2	51	30	18		
92/08/04	1200	WATER		.3K	2	70	48	7		
92/08/05	0925	WATER		.3K	3	69	33	26		
92/08/18	1215	WATER		.3	1K	14	80	17		
92/08/19	0915	WATER		.3K	1K	30	52	13		
92/08/25	1235	WATER		.3K	1K	55	160	68		
92/08/26	0920	WATER		.3K	1	69	140	85		

STORET RETRIEVAL DATE 92/11/18

PGM=RET

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/TYPE/AMBT/STREAM/BIO

DRBC/NPS47

41 18 47.0 074 46 52.5 2

SHIMERS BROOK AT RT 521 BRIDGE

34037 NEW JERSEY SUSSEX

NORTH ATLANTIC 020300

DELAWARE RIVER ZONE 1

31DRBCSP 860614

02040104006 0003.570 OFF

0000 FEET DEPTH

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CONDUCTIVITY AT 25C MICROMHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/05/22	1420	WATER		8.7	20.0	25.0	203	8.00					
92/06/01	1003	WATER		9.2	16.5	16.0	112	7.50					
92/06/11	0950	WATER		8.8	18.0	18.0	133	7.50					
92/06/30	1210	WATER		8.1	22.1	21.0	240	7.80	.763	.010	.22	.029	.010K
92/07/07	1300	WATER		8.9	19.9	19.8	304	8.00	.160	.014	.19	.021	.010K
92/07/14	1130	WATER		8.4	22.0	24.0	268	8.50	.100K	.022	.16	.026	.010K
92/07/21	1200	WATER		8.2	22.3	24.0	278	8.00	.228	.024	.18	.026	.010K
92/07/28	1020	WATER		8.9	18.5	20.2	235	8.50	.100K	.022	.35	.025	.010K
92/08/04	1105	WATER		7.1	21.0	21.0	276	8.00	.100K	.057	.23	.028	.010K
92/08/11	1010	WATER		8.6	21.0	23.2	258	8.50	.279	.012	.26	.027	.016
92/08/18	1215	WATER		9.1	17.5	17.0	357	8.00	.203	.044	.58	.042	.011
92/08/25	1205	WATER		8.4	19.0	20.0	336	8.00	.301	.015	.31	.030	.013
92/09/01	1040	WATER		9.5	17.0	19.0	269	9.00	.100K	.010K	.25	.046	.010K

STORET RETRIEVAL DATE 92/11/18

PGH=RET

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/TYPE/ANBN/STREAM/BIO

DRBC/NPS47

41 18 47.D 074 46 52.5 2

SHIMERS BROOK AT RT 521 BRIDGE

34037 NEW JERSEY SUSSEX

NORTH ATLANTIC D2D3D0

DELAWARE RIVER ZONE 1

310RBCSP 86D614

ODD0 FEET DEPTH

020401040D6 D0D3.57D OFF

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	D0310 BOD 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	7D300 RESIDUE DISS-180 C MG/L	31616 FEC COLI MFM-FCBR /100HL	31633 E.COLI THERMTOL 8/100HL	31673 FECSTREP MFKFAGAR /10DHL	0DD61 STREAM FLOW, INST-CFS
92/05/12	1413	WATER								11
92/06/01	1003	WATER					232			21C
92/06/11	0950	WATER					16			18
92/06/30	1210	WATER		.6	4	156	18			7C
92/07/07	1300	WATER		.4	3	190	11			6C
92/07/14	1130	WATER		.3K	4	205	41			6C
92/07/17	1110	WATER		.3K						7
92/07/21	1200	WATER		.3K	3	173	1K			6C
92/07/28	1020	WATER		.3K	5	207	4D			7C
92/07/30	1505	WATER		.3K						4
92/08/04	1105	WATER		.3K	4	189	18			6C
92/08/11	1010	WATER		.3K	5	212	19			6C
92/08/18	1215	WATER		.7	8	139	300			6C
92/08/24	1230	WATER		.3K						3
92/08/25	1205	WATER		.3K	3	215	17			5C
92/09/01	1040	WATER		.3K	1	266	16			5C

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STORET RETRIEVAL DATE 92/11/10

PGM=RET

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/TYPE/ABNT/STREAM/BIO

DR8C/MP548
41 19 02.0 074 48 00.0 2
SAWKILL CR AT RT 209 BRIDGE
42103 PENNSYLVANIA PIKE
NORTH ATLANTIC
020300
DELAWARE RIVER ZONE 1
31DRBCSP 860614
0000 FEET DEPTH
HQ 02040104040 0000.410 OFF

DATE FROM TO	TIME OF DAY	MEDIUM	SHK OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CONDUCTVY AT 25C MICROMHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/05/29	1420	WATER		10.1	14.0	22.0	49	7.00					
92/06/16	1410	WATER		9.6	16.5	21.0	56	7.00					
92/06/25	1020	WATER		9.8	14.1	19.0	47	6.50					
92/06/30	1420	WATER		8.3	19.4	22.0	86	7.10	.579	.010K	.20	.022	.010
92/07/07	1230	WATER		9.4	17.2	21.0	88	7.00	.198	.018	.22	.019	.012
92/07/21	1130	WATER		9.1	19.5	23.0	93	7.00	.100K	.034	.26	.022	.010K
92/08/04	1045	WATER		7.8	18.1	20.5	88	7.00	.147	.074	.27	.023	.010K
92/08/18	1150	WATER		9.5	16.1	17.0	85	6.80	.100K	.011	.30	.030	.010K
92/08/25	1140	WATER		9.4	17.3	20.0	79	6.80	.105	.014	.34	.016	.010K

STORET RETRIEVAL DATE 92/11/18

PGH=RET

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ORBC/NPS48
41 19 02.0 074 48 00.0 2
SAWILL CR AT RT 209 BRIDGE
42103 PENNSYLVANIA PIKE
NORTH ATLANTIC
020300
DELAWARE RIVER ZONE 1
31DRBCSP 860614
0000 FEET DEPTH

HQ 02040104040 0000.410 OFF

/T/PA/AMBT/STREAM/BIO

DATE FROM TO	TIME OF DAY	MEDIUM	SNK OR DEPTH (FT)	0031D BOD 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE OISS-180 C	31616 FEC COLI MPH-FCBR /100ML	31633 E. COLI THERMIOL #/100ML	31673 FECSTREP MPKFCAR /100ML	00061 STREAM FLOW, INST-CFS
92/05/29	1420	WATER					6			21
92/06/16	1410	WATER					9			30
92/06/25	1020	WATER					25			35
92/06/30	1420	WATER		.3K	1K		10			17C
92/07/07	1230	WATER		.4	1K		6			16C
92/07/21	1130	WATER		.3K	1K		8			15C
92/08/04	1045	WATER		.3K	1K		38			18C
92/08/18	1150	WATER		.3K	3		60			30C
92/08/25	1140	WATER		.3K	1K		11			11C

SIOTRET RETRIEVAL DATE 92/11/18

PGM=RET

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DRBC/NPS49

41 19 35.0 074 47 50.0 2

VANDERMARK CR AT RT 209 BRIDGE

42103 PENNSYLVANIA PIKE

NORTH ATLANTIC 020300

DELAWARE RIVER ZONE 1

31DR8CSP 860614

02040104

0000 FEET DEPTH

/1YPA/AMBNT/STREAM/BIO

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CONDUCTVY AT 25C MICROMHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/05/22	1213	WATER		10.2	14.0	28.0	48	6.70					
92/05/29		WATER		11.3	12.0	19.0	43	7.00					
92/06/01	1610	WATER		10.4	15.0	13.0	38	6.50					
92/06/24	1321	WATER		10.0	16.0	18.5	40	6.50					
92/06/30	1400	WATER		8.0	15.5	22.0	92	6.80	.535	.010K	.83	.026	.018
92/07/07	1140	WATER		9.7	14.5	20.0	90	6.50	.115	.012	.74	.024	.019
92/07/21	1120	WATER		10.1	15.7	23.0	99	6.50	.110	.024	.93	.030	.017
92/08/04	1028	WATER		8.7	14.7	19.0	92	6.50	.147	.075	.84	.033	.019
92/08/18	1120	WATER		9.8	14.3	16.5	84	6.50	.100K	.011	.66	.035	.020
92/08/25	1120	WATER		10.2	14.3	19.0	106	6.50	.101	.024	1.08	.025	.017

STORLT RETRIEVAL DATE 92/11/18

PGH=RET

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DRBC/NPS49
41 19 35.0 074 47 50.0 2
VANDERMARK CR AT RT 209 BRIDGE
42103 PENNSYLVANIA PIKE
NORTH ATLANTIC 020300
DELAWARE RIVER ZONE 1
31DRBCSP 860614 02040104
0000 FEET DEPTH

/TYP/AMBNT/STREAM/BIO

DATE FROM TO	TIME OF DAY	MEDIUM	SHK OR DEPTH (FT)	00310 BOD 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE DISS-180 C MG/L	31616 FEC COLI MFH-FCBR /100ML	31633 E. COLI THERMITOL #/100ML	31673 FECSTREP MFKFAGAR /100ML	00061 STREAM FLOM, INST-CFS
92/05/22	1213	WATER								7
92/05/29		WATER					22			11C
92/06/01	1610	WATER					168		284	33
92/06/24	1321	WATER					286			17C
92/06/30	1400	WATER		.3K	1K	56	127			9C
92/07/07	1140	WATER		.5	1K	61	99			9C
92/07/21	1120	WATER		.3K	1	61	58			9C
92/08/04	1028	WATER		.3K	1K	81	61			10C
92/08/18	1120	WATER		.3K	3	69	110			11C
92/08/25	1120	WATER		.3K	1K	72	11			6C

STORET RETRIEVAL DATE 92/11/18

PGH=RET

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ORBC/NPS5
41 03 30.0 075 00 57.5 2
OEL R AT DEPEM ACC AREA
34041 NEW JERSEY
WARREN
020300
NORTH ATLANTIC
DELAWARE RIVER ZONE 1
31DRBCSP 860614
0000 FEET DEPTH

/TYPE/AMBN/STREAM/BIO

02040104002 0008.200 ON

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CNDUCTVY AT 25C MICRONHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/07/08	1345	WATER		8.7	24.0	29.0		7.50	.128	.017	.27	.027	.011
92/07/14	1030	WATER		7.7	24.4	26.0	94	7.00					
92/07/22	1320	WATER		9.1	24.0	28.0	83	7.50	.100K	.018	.21	.026	.012
92/07/29	1110	WATER		8.3	21.0	25.0	74	7.00					
92/08/05	1310	WATER		9.4	21.5	23.0	74	7.00	.010K	.010K	.13	.027	.010K
92/08/19	1320	WATER		10.0	21.0	23.0	74	7.50	1.090	.010K	.12	.020	.010K
92/09/09	1240	WATER		9.8	22.0	27.0	85	9.00					

STORET REIRIEVAL DATE 92/11/10

PGM=RET

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/TYPE/MBNT/STREAM/BIO

DRBC/NPS5

41 03 30.0 075 00 57.5 2

DEL R AT DEPEM ACC AREA

34041 NEW JERSEY

NORTH ATLANTIC

DELAWARE RIVER ZONE 1

31DRBCSP B60614

0000 FEET DEPTH

WARREN

020300

02040104002 0008.200 ON

DATE FROM TO	TIME OF DAY	MEDIUM	SM OR DEPTH (FT)	00310 BOD 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE DISS-180 C MG/L	31616 FEC COLI /100ML	31633 E.COLI THERIOL #/100ML	31673 FECSTREP MFKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
92/07/08	1345	WATER		.4				1K	1K	
92/07/14	1030	WATER					100			
92/07/22	1320	WATER		.3K	2	54	5	1K		
92/07/29	1110	WATER					23			
92/08/05	1310	WATER		.3K	1K	56	4	1		
92/08/19	1320	WATER		.3K	1K	47	12	2		
92/09/09	1240	WATER					43			

STORET RETRIEVAL DATE 92/11/18

PGM=RET

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DRBC/NPS50

41 21 40.0 074 41 08.0 2

NEVERSINK R AT RT 6 BRIDGE

36071 NEW YORK ORANGE

NORTH ATLANTIC 020300

DELAWARE RIVER ZONE 1

31DRBCSP 860614

HQ 02040104008 0000.290 OFF

0000 FEET DEPTH

/TYPE/AMBT/STREAM/BIO

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CONDUCTVY AT 25C MICROMHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/06/30	1020	WATER			26.0			6.80	.547	.028	.38	.051	.037
92/07/07	1030	WATER		8.3	19.5	24.0		7.00	.100K	.055	.55	.075	.055
92/07/14	1010	WATER		7.3	22.8	23.5		7.00	.202	.028	.58	.094	.068
92/07/21	1035	WATER		7.2	24.0	23.5		7.00					
92/07/28	0925	WATER		8.0	18.0	19.5		6.50	.100K	.024	.68	.112	.066
92/08/04	1000	WATER			20.0	24.0		6.50	.260	.160	.46	.088	.050
92/08/11	0930	WATER		8.2	21.0	23.5		6.50	.152	.017	.50	.074	.050
92/08/18	1000	WATER			18.5	19.5		6.50	.272	.032	.71	.071	.056
92/08/25	1010	WATER		8.5	21.5	22.0		7.00	.328	.035	.55	.071	.010K
92/09/01	0940	WATER		8.3	17.5	16.5	85	6.50	.461	.068	.55	.092	.071

SIORER RETRIEVAL DATE 92/11/18

PGM=RET

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/TYPE/AMBT/STREAM/BIO

ORBC/NPS50

41 21 40.0 074 41 08.0 2

NEVERSINK R AT RT 6 BRIDGE

36071 NEW YORK ORANGE

NORTH ATLANTIC 020300

DELAWARE RIVER ZONE 1

31DRBCSP 860614

HQ 02040104008 0000.290 OFF

0000 FEET DEPTH

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00310 BOO 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE OISS-180 C	31616 FEC COLI MFM-FCBR /100ML	31633 E. COLI THERMTOL #/100ML	31673 FECSTREP MFKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
92/06/30	1020	WATER		.6	2	72	53			
92/07/07	1030	WATER		.9	3	81	13	69		
92/07/14	1010	WATER		.4	2	73	160			
92/07/28	0925	WATER		.3K	17	74	50			
92/08/04	1000	WATER		.3K	4	97	72			
92/08/11	0930	WATER		.3K	4	71	72			
92/08/18	1000	WATER		.6	2	72	340			
92/08/25	1010	WATER		.3K	1K	85	1100			
92/09/01	0940	WATER		.3K	2	88	94			

11

STORET RETRIEVAL DATE 92/11/18

PGM=RET

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/TYPE/AMBT/STREAM/BIO

DRBC/NPS51

41 25 37.0 074 45 22.0 2

HONGAUP RIVER AT RT 97 BRIDGE

36071 NEW YORK

NORTH ATLANTIC

DELAWARE RIVER ZONE 1

31DRBCSP 860614

0000 FEET DEPTH

HQ 02040104023 0007.430 OFF

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CONDUCTVY AT 25C MICROMHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/05/28	1435	WATER		10.5	14.0	23.0	57	6.50					
92/06/10	1315	WATER		10.3	16.5	23.0	57	6.50					
92/06/18	1350	WATER		9.8	17.0	25.0	58	6.50					
92/06/25	1335	WATER		9.7	17.5	22.5	58	6.50					
92/07/02	1428	WATER		9.1	20.0	24.0	56	6.50	.294	.010K	.06	.019	.010K
92/07/09	1320	WATER		9.3	19.2	28.0	60	7.00	.400	.017	.12	.016	.010K
92/07/15	1430	WATER		9.4	19.5	28.0	60	6.50					
92/07/23	1340	WATER			17.5	18.0	48	7.00	.100K	.010K	.11	.010K	.010K
92/07/29	1435	WATER		8.7		27.0		6.50					
92/08/06	1255	WATER		8.6	21.3	22.0	62	7.00	.100K	.010K	.13	.021	.010K
92/08/13	1410	WATER		9.3	19.5	20.0		6.50					
92/08/20	1411	WATER							.767	.099	.07	.010K	.010K
92/08/27	1325	WATER							.231	.010K	.17	.019	.010K

STORET RETRIEVAL DATE 92/11/18

PGM=RET

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/TYPE/AMBT/STREAM/BIO

ORBC/NPSS1
41 25 37.0 074 45 22.0 2
MONGAUP RIVER AT RT 97 BRIDGE
36071 NEW YORK ORANGE
NORTH ATLANTIC 020300
DELAWARE RIVER ZONE 1
310RBCSP 860614 HQ 02040104023 0007.430 OFF
0000 FEET DEPTH

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00310 BOO 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE DISS-180 C MG/L	31616 FEC COLI MFM-FCBR /100ML	31633 E.COLI THERMTOL #/100ML	31673 FECSTREP HFKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
92/05/28	1435	WATER					1K			
92/06/10	1315	WATER					8			
92/06/18	1350	WATER					2			
92/06/25	1335	WATER					6			
92/07/02	1428	WATER		.3K	1K	48	1K			
92/07/09	1320	WATER		.5	3	59	6			
92/07/15	1430	WATER					2			
92/07/23	1340	WATER		.5	1K	51	44			
92/07/29	1435	WATER					2			
92/08/06	1255	WATER		.3K	1K	55	4			
92/08/13	1410	WATER					1K			
92/08/20	1411	WATER		.3K	1K	54	1K			
92/08/27	1325	WATER		.03	1K	63	1K			

STORET RETRIEVAL DATE 92/11/18

PGM=RET

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/T/PA/AMBT/STREAM/BIO

ORBC/NPS56

41 28 20.0 074 54 47.5 2

SHOHOLA CR AT RAILROAD BRIDGE NEAR CONF W/ DEL

42103 PENNSYLVANIA PIKE

NORTH ATLANTIC 020300

DELAWARE RIVER ZONE 1

310RBCSP 860614

02040104039 0000.150 ON

0000 FEET DEPTH

DATE FROM TO	TIME OF DAY	MEDIUM	SWK OR DEPTH (FT)	00300 OO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CINOCTVY AT 25C MICROMHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/05/28	1330	WATER		10.6	15.0	20.0	35	6.50					
92/06/03	1447	WATER			19.0	26.0	34	6.50					
92/06/10	1215	WATER		9.6	20.0	36.0	35	6.50					
92/06/18	1240	WATER		9.0	20.0	25.0	36	6.50					
92/06/25	1249	WATER		9.4	19.0	21.0	35	6.50					
92/07/02	1318	WATER		8.7	21.0	27.0	42	6.50	.382	.010K	.05K	.026	.010
92/07/09	1200	WATER		8.7	22.5	24.5	48	6.50	.149	.010K	.06	.025	.010K
92/07/15	1310	WATER		8.4	24.0	27.5	52	6.50	.179	.012	.08	.018	.012
92/07/23	1255	WATER			20.0	21.0	40	6.50					
92/07/29	1325	WATER		8.8	22.0	29.5	38	6.50	.100K	.012	.05K	.033	.010K
92/08/06	1135	WATER		9.2	19.0	24.0		6.50					
92/08/13	1220	WATER		9.5	18.3	19.0	36	6.50	.786	.010K	.05K	.035	.010
92/08/20	1335	WATER							.118	.010K	.05K	.025	.010K
92/08/27	1205	WATER		8.8	22.0	30.5		6.50					

STORET RETRIEVAL DATE 92/11/18

PCM=RET

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/TYPE/AMBT/STREAM/BIO

ORBC/NPS56

41 28 20.0 074 54 47.5 2

SHOIOIA CR AT RAILROAD BRIDGE NEAR CONF W/ DEL

42103 PENNSYLVANIA PIKE

NORTH ATLANTIC D20300

DELAWARE RIVER ZONE 1

310RBCCSP 860614

DDDD FEET DEPTH

D2040104039 DDD0.150 ON

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	DD310 BOD 5 DAY MG/L	DD530 RESIDUE TOT NFLT MG/L	70300 RESIDUE DISS-180 C MG/L	31616 FEC COLI MFM-FCBR /100HL	31633 E.COLI THERMOL #/100HL	31673 FECSTREP MFKFAGAR /100HL	DD061 STREAM FLOW, INST-CFS
92/05/28	1330	WATER	3							
92/06/03	1447	WATER	107							
92/06/10	1215	WATER	18							
92/06/18	1240	WATER	12							
92/06/25	1249	WATER	22							
92/07/02	1318	WATER	5	.3K	1K	1				
92/07/09	1200	WATER	5	.3K	1	38				
92/07/15	1310	WATER	20	.6	2	40				
92/07/23	1255	WATER	64							
92/07/29	1325	WATER								
92/07/31	1505	WATER		.3K	1K	39				80
92/08/06	1135	WATER								
92/08/13	1220	WATER		.3K	1	32				
92/08/20	1335	WATER		.3K	1K	52				
92/08/27	1205	WATER								

STATION RETRIEVAL DATE 92/11/18

PGM=RET

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/TYPE/ABENT/STREAM/BIO

ORBC/NPS57

41 28 37.5 074 54 38.0 2

HALF MAY BROOK AT RT 97 BRIDGE

36105 NEW YORK SULLIVAN

NORTH ATLANTIC 020300

DELAWARE RIVER ZONE 1

310RBCSP 860614

02040104034 0000.200 ON

0000 FEET DEPTH

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00300 OO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CONDUCTVY AT 25C MICROMHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/05/28	1313	WATER		10.8	12.5	21.0	52	6.50					
92/06/10	1140	WATER		9.6	23.0	27.0	57	6.50					
92/06/18	1216	WATER		9.2	16.5	23.0	62	6.50					
92/06/25	1149	WATER		9.6	15.5	23.0	50	6.50					
92/07/02	1300	WATER		9.5	17.6	21.4	78	6.50	.313	.010K	.15	.033	.012
92/07/09	1140	WATER		8.7	19.8	27.8	85	6.50	.149	.011	.10	.020	.010K
92/07/15	1340	WATER		8.7	22.0	29.0	88	7.00	.100K	.019	.17	.013	.010
92/07/23	1140	WATER			18.0	19.0	67	6.50					
92/07/29	1355	WATER		8.9	18.5	31.0	61	6.50	.272	.040	.07	.027	.010K
92/08/06	1105	WATER		8.8	17.0	22.0		6.50					
92/08/13	1140	WATER		9.3	16.5	16.0		6.50					
92/08/20	1310	WATER					2.190			.010K	.11	.024	.010K
92/08/27	1115	WATER		8.9	19.7	27.0	.100K	7.00		.010K	.14	.019	.010K

STORET RETRIEVAL DATE 92/11/18

PGH=RET

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/TYPA/AMBNT/STREAM/BIO

ORBC/NPS57
41 28 37.5 074 54 38.0 2
HALFWAY BROOK AT RT 97 BRIDGE
36105 NEW YORK SULLIVAN
NORTH ATLANTIC 020300
DELAWARE RIVER ZONE 1
310RBCSP 860614 02040104034 0000.200 ON
0000 FEET DEPTH

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00310 BOD 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE DISS-180 C MG/L	31616 FEC COLI MFH-FCBR /100ML	31633 E. COLI THERITOL #/100ML	31673 FECSTREP MFKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
92/05/28	1313	WATER					2			
92/06/10	1140	WATER					26			
92/06/18	1216	WATER					8			
92/06/25	1149	WATER					80			
92/07/02	1300	WATER		.3K	1	62	6			
92/07/09	1140	WATER		.4	3	75	12			
92/07/15	1340	WATER					54			
92/07/20	1528	WATER								27
92/07/23	1140	WATER		.3K	3	63	320			
92/07/29	1355	WATER					24			
92/08/06	1105	WATER		.3K	1K	49	36			
92/08/13	1140	WATER					4			
92/08/20	1310	WATER		.3K	1	75	14			
92/08/27	1115	WATER		.3K	1K	74	24			

STORET RETRIEVAL DATE 92/11/18

PGH=RET

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/YTPA/AFBNT/STREAM/BIO

DRBC/NPS58

41 28 56.0 074 57 02.0 2

BEAVER BROOK AT RT 97 BRIDGE

36105 NEW YORK

NORTH ATLANTIC

DELAWARE RIVER ZONE 1

31DRBCSP 860614

0000 FEET DEPTH

SULLIVAN

020300

HQ 02040104037 0000.110 OFF

DATE FROM TO	TIME OF DAY	MEDIUM	SHK OR DEPTH (FT)	00300 OO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CONDUCTIVITY AT 25C MICROMHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/05/28	1257	WATER		10.5	13.4	28.5	38	6.50					
92/06/10	1130	WATER		9.6	22.0	26.5	39	6.50					
92/06/18	1200	WATER		9.3	18.0	24.0	39	6.50					
92/06/25	1135	WATER		9.6	17.0	24.0	35	6.50					
92/07/02	1217	WATER		9.0	18.5	25.0	41	6.50	.382	.010K	.07	.026	.013
92/07/09	1125	WATER		8.7	21.0	28.0	46	6.50	.103	.011	.05K	.026	.010
92/07/15	1220	WATER		8.9	22.5	28.5	49	7.00					
92/07/23	1125	WATER			19.0	20.0	43	6.50	.100K	.011	.05K	.011	.011
92/07/29	1235	WATER		9.3	18.0	26.0	39	6.50					
92/08/06	1051	WATER		9.6	18.0	21.0		6.50	.209	.029	.05K	.026	.010K
92/08/13	1300	WATER		9.6	18.1	23.7	34	7.00					
92/08/20	1230	WATER							.883	.010K	.05K	.024	.010K
92/08/27	1050	WATER		9.1	20.5	27.3		7.00	.100K	.010K	.07	.019	.016

11

STORET REIRIEVAL OATE 92/11/18

PGM=RET

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/TYPA/AMBNT/STREAM/BIO

ORBC/NPS58

41 28 56.0 074 57 02.0 2

BEAVER BROOK AT RT 97 BRIDGE

36105 NEW YORK

NORTH ATLANTIC

DELAWARE RIVER ZONE 1

31DRBCSP 860614

0000 FEET OEPTH

SULLIVAN

020300

HQ 02040104037 0000.110 OFF

OATE FROM TO	TIME OF DAY	MEDIUM	SMK OR OEPTH (FT)	00310 BOO 5 OAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIOUE OISS-180 C	31616 FEC COLI MFH-FCBR /100ML	31633 E. COLI THERMTOL #/100ML	31673 FECSTREP MFKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
92/05/28	1257	WATER					9			
92/06/10	1130	WATER					15			
92/06/18	1200	WATER					7			
92/06/25	1135	WATER					54			
92/07/02	1217	WATER		.3K	2	43	3			
92/07/09	1125	WATER		.3	3	42	10			
92/07/15	1220	WATER					2			
92/07/20	1400	WATER								28
92/07/23	1125	WATER		.3K	2	47	1K			
92/07/29	1235	WATER					13			
92/08/06	1051	WATER		.3K	1K	37	20			
92/08/13	1300	WATER					6			
92/08/20	1230	WATER		.3K	2	40	7			
92/08/27	1050	WATER		.3K	1K	41	13			

STORET RETRIEVAL DATE 92/11/18

PGM=RET

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/TYPE/AMBT/STREAM/BIO

DRBC/NPSS9
41 29 11.0 074 59 32.0 2
LACKAWAXEN R AT RT 590 BRIDGE
42103 PENNSYLVANIA PIKE
NORTH ATLANTIC 020300
OELANARE RIVER ZONE 1
31DRBCSP 860614 HQ 02040103001 0000.510 OFF
0000 FEET DEPTH

DATE FROM TO	TIME OF DAY	MEIUM	SMK OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CNDUCTVY AT 25C MICROMHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/05/28	1210	WATER		11.2	14.2	28.0	48	7.00					
92/06/10	1057	WATER		10.2	15.0	25.0	48	6.50					
92/06/18	1132	WATER		10.3	16.5	21.5	50	7.00					
92/06/25	1111	WATER		10.3	17.0	21.0	50	7.00					
92/07/02	1130	WATER		10.6	16.5	23.0	52	7.00	.332	.010K	.05K	.020	.010K
92/07/09	1020	WATER		9.7	19.0	25.0	57	7.00	.245	.015	.05K	.014	.010K
92/07/15	1205	WATER		9.8	21.5	28.0	64	7.00					
92/07/23	1045	WATER			17.0	19.5	52	7.00	.100K	.010K	.07	.010K	.010K
92/07/29	1206	WATER		9.1	20.5	27.0	66	7.50					
92/08/06	0955	WATER		9.6	17.5	21.0		7.00	.329	.116	.07	.030	.010K
92/08/20	1140	WATER					.626		.626	.027	.22	.024	.010K
92/08/27	0935	WATER		9.1	19.5	23.1	.100K	7.00	.100K	.013	.13	.026	.010K

SIORET RETRIEVAL DATE 92/11/18

PGH=RET

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/TYP A/AMBNT/STREAM/BIO

DRBC/NPS59

41 29 11.0 074 59 32.0 2
LACKAWAXEN R AT RT 590 BRIDGE
42103 PENNSYLVANIA PINE
NORTH ATLANTIC 020300
DELAWARE RIVER ZONE 1
31DRBCSP 860614 HQ 02040103001 0000.510 OFF
0000 FEET DEPTH

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00310 BOD 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE DISS-180 C MG/L	31616 FEC COLI MFH-FCBR /100ML	31633 E.COLI THERMIOL #/100ML	31673 FECSTREP MPKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
92/05/28	1210	WATER					60			
92/06/10	1057	WATER					15			
92/06/18	1132	WATER					8			
92/06/25	1111	WATER					8			
92/07/02	1130	WATER		.7	8	47	2			
92/07/09	1020	WATER		.5	2	54	8			
92/07/15	1205	WATER					1K			
92/07/23	1045	WATER		.5		49	7			
92/07/29	1206	WATER					3			
92/08/06	0955	WATER		.3K	2	53	11			
92/08/20	1140	WATER		.3K	2	58	1K			
92/08/27	0935	WATER		.4	1K	59	8			

STORET RETRIEVAL DATE 92/11/18

PGH=RET

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DRBC/NPS591

41 29 44.0 074 58 57.0 2
YORK LAKE FALLS AT ROUTE 97 BRIDGE (NY)
36105 NEW YORK SULLIVAN
NORTH ATLANTIC 020300
DELAWARE RIVER - ZONE 1 RM278.3/0.1/
31DRBCSP 890225 02040104038 0000.600 OFF
0000 FEET DEPTH

/TYPE/AMBT/STREAM/BIO

DATE FROM TO	TIME OF DAY	MEDIUM	SNK OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CNDUCTVY AT 25C MICROHMO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/06/03	1248	WATER			13.5	22.0	15	6.50					
92/06/09	1345	WATER		9.6	20.0	24.0	18	6.50					

STORET RETRIEVAL DATE 92/11/18

PGM=RET

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/TYP/A/MBNT/STREAM/BIO

DRBC/NPS591
41 29 44.0 074 58 57.0 2
YORK LAKE FALLS AT ROUTE 97 BRIDGE (NY)
36105 NEW YORK SULLIVAN
NORTH ATLANTIC 020300
DELAWARE RIVER - ZONE 1 RM278.3/0.1/
31DRBCSP 890225 02040104038 0000.600 OFF
0000 FEET DEPTH

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00310 BOD 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE DISS-180 C MG/L	31616 FEC COLI MFM-FCBR /100ML	31633 E. COLI THERMITOL #/100ML	31673 FECSTREP MFKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
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92/06/03 1248 WATER
92/06/09 1345 WATER

6
4

STORET REIRIEVAL DATE 92/11/18

PGH=RET

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/TYPA/AMBNT/STREAM/BIO

DIRBC/NPS63

41 32 17.0 075 01 40.0 2
MASTHOPE CR AT RR BRIDGE NEAR CONF W/ DEL R_
42127 PENNSYLVANIA MAYNE
NORTH ATLANTIC 020300
DELMARE RIVER ZONE 1
31DRBCSP 860614 HQ 02040101001 0004.850 OFF
0000 FEET DEPTH

DATE FROM TO	TIME OF DAY	MEDIUM	SHK OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CONDUCTIVY AT 25C MICRONHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/06/03	1405	WATER			17.0	29.0	29	7.00					
92/06/18	1110	WATER		9.1	18.0	26.0	36	7.00					
92/06/25	1045	WATER		9.7	16.0	22.0	29	7.00					
92/07/02	1055	WATER		8.7	19.0	22.0	31	7.00	.294	.010K	.05K	.034	.016
92/07/09	0952	WATER		8.8	19.5	24.0	36	6.50	.155	.012	.05K	.026	.015
92/07/23	1015	WATER		18.0	18.0	20.5	34	6.50	.100K	.021	.05K	.016	.016
92/07/29	1110	WATER		9.1	19.0	27.0	33	7.00	.100K	.010K	.05K	.023	.010K
92/08/06	0925	WATER		9.6	16.8	16.8		6.50	.870	.013	.05K	.021	.010K
92/08/20	1107	WATER			18.0	23.0		7.00	.100K	.037	.05K	.020	.010K
92/08/27	0900	WATER		9.2	20.0	22.5		7.00					

STOREJ RETRIEVAL DATE 92/11/18

PGH=RET

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DRBC/NPS63

41 32 17.0 075 01 40.0 2

MASTHOPE CR AT RR BRIDGE NEAR CONF W/ DEL R_

42127 PENNSYLVANIA

NORTH ATLANTIC

DELAWARE RIVER ZONE 1

31DRBCSP 860614

0000 FEET DEPTH

HQ 02040101001 0004.850 OFF

/TYPE/AMBT/STREAM/BIO

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00310 BOD 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE DISS-180 C MG/L	31616 FEC COLI MFM-FCBR /100ML	31633 E. COLI THERMITOL #/100ML	31673 FECSTREP MFKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
92/06/03	1405	WATER								
92/06/18	1110	WATER								
92/06/25	1045	WATER								
92/07/02	1055	WATER		.5	1K	35	20	20	20	8
92/07/09	0952	WATER		.3K	4	48	22	22	22	22
92/07/23	1015	WATER		.3K	8	25	10	10	10	10
92/07/29	1110	WATER		.3K	1K	32	14	14	14	8
92/08/06	0925	WATER		.3K	2	42	58	58	58	14
92/08/20	1107	WATER		.3K	1K	43	18	18	18	58
92/08/27	0900	WATER								18

SIORET RETRIEVAL DATE 92/11/18

PGM=RET

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/1/PA/APBNT/STREAM/BIO

DRBC/NPS65
41 34 15.0 075 00 40.0 2
TENMILE RIVER AT RT 97 BRIDGE
36105 NEW YORK SULLIVAN
NORTH ATLANTIC 020300
DELAWARE RIVER ZONE 1
31DRBCSP 860614 02040101
0000 FEET DEPTH

DATE FROM TO	TIME OF DAY	MEDIUM	SPK OR DEPTH (FT)	00310 BOD 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE DISS-180 C	31616 FEC COLI MFH-FCBR /100ML	31633 E.COLI THERMTOL #/100ML	31673 FECSTREP MFKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
92/05/28	1039	WATER								
92/06/03	1228	WATER					2			
92/06/10	1009	WATER					30			
92/06/18	1015	WATER					16			
92/06/25	0950	WATER					2			
92/07/02	1012	WATER		.3K	1	54	12			
92/07/09	0910	WATER		.4	6	54	6			
92/07/15	1035	WATER					12			
92/07/23	0935	WATER		.3K	1K	51	12			
92/07/24	1330	WATER					1K			
92/07/29	1025	WATER								29
92/08/05	1340	WATER		.3K	8	64	24			
92/08/06	0810	WATER		.4	1	46	20			
92/08/20	1015	WATER		.3K	3	54	12			
92/08/27	0820	WATER					26			
92/08/27	0826	WATER		.3K	1K	149	16			

STORET RETRIEVAL DATE 92/11/18

PCM=RET

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DRBC/NPS69

41 40 25.0 075 03 55.0 2
CALKINS CR NEAR CONF W/ DEL R
42127 PENNSYLVANIA WAYNE
NORTH ATLANTIC 020300
DELAWARE RIVER ZONE 1
31DRBCSP 880227 02040101
0000 FEET DEPTH

/TYPE/AMBT/STREAM

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CONDUCTVY AT 25C MICROMHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/06/09	0910	WATER		9.5	15.5	20.0	43	7.00					
92/06/17	1210	WATER		9.6	18.0	26.0	54	7.00					
92/06/24	1225	WATER		10.0	15.0	19.5	46	7.00					
92/07/01	1410	WATER		9.3	18.5	28.0	61	7.00	.496	.010K	.34	.038	.021
92/07/16	1250	WATER		9.3	21.0	23.5	78	7.00	.115	.017	.36	.033	.019
92/07/22	1315	WATER		9.1	20.5	25.0	68	7.50	.100K	.016	.22	.027	.022
92/07/30	1300	WATER		10.2	19.5	26.0	67	7.50					
92/08/05	1235	WATER		9.7	18.0	20.8	66		.100K	.010K	.14	.052	.020
92/08/20	0905	WATER							.574	.042	.18	.032	.014
92/08/26	1210	WATER		9.3	21.3	28.0		7.50	.100K	.022	.20	.029	.016

SIOR1 RETRIEVAL DATE 92/11/18

PGM=RET

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/TYPE/ARBNT/STREAM

DRBC/NPS69
41 40 25.0 075 03 55.0 2
CALKINS CR NEAR CONF W/ DEL R
42127 PENNSYLVANIA WAYNE
NORTH ATLANTIC 020300
DELAWARE RIVER ZONE 1
31DRBCSP 880227 02040101
0000 FEET DEPTH

DATE FROM TO	TIME OF DAY	MEDIUM	SNK OR DEPTH (FT)	00310 BOD 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE OISS-180 C MG/L	31616 FEC COLI /100ML	31633 E.COLI THERMTOL #/100ML	31673 FECSTREP MFKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
92/06/17	1210	WATER								
92/06/24	1225	WATER								
92/07/01	1410	WATER		.3K	1K	45				
92/07/07	1235	WATER		.4	1K	61				
92/07/16	1250	WATER								
92/07/22	1315	WATER		.3K	1K	55				
92/07/30	1300	WATER								
92/08/05	1235	WATER		.3K	1	80				
92/08/20	0905	WATER		.3K	2	94				
92/08/26	1210	WATER		.3K	1K	61				

STORET RETRIEVAL DATE 92/11/10

PGH=RET

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/TYP/AMBNT/STREAM/BIO

DRBC/NPS7

41 06 30.0 074 58 55.0 2

DEL R AT BUSHKILL ACC AREA

42103 PENNSYLVANIA

NORTH ATLANTIC PIKE

020300

DELAWARE RIVER ZONE 1

31DRBCSP 860614

0000 FEET DEPTH

02040104005 0001.400 ON

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00310 BOD 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE DISS-180 C MG/L	31616 FEC COLI MFM-FCBR /100ML	31633 E. COLI THERMITOL 8/100ML	31673 FEC SIREP MFKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
92/07/01	1220	WATER		.5				9	11	
92/07/08	1220	WATER		.7				1	1	
92/07/15	1150	WATER						16		
92/07/22	1200	WATER		.4	3	67		8	4	
92/07/28	1330	WATER						42		
92/08/05	1200	WATER		.3K	1K	51		17	4	
92/08/11	1325	WATER						22		
92/08/19	1240	WATER		.3K	1K	56		21	5	
92/08/26	1225	WATER		.3K	4	57		10	7	

DRBC/NPS75
 41 45 52.0 075 03 15.0 2
 CALLICOON CR AT RT 97 BRIDGE
 36105 NEW YORK SULLIVAN
 NORTH ATLANTIC 020300
 DELAWARE RIVER ZONE 1
 31DRBCSP 860614 HQ 02040101002 0000.600 OFF
 0000 FEET DEPTH

/TYPE/AMBT/STREAM/BIO

DATE FROM TO	TIME OF DAY	MEDIUM	SH# OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CONDUCTIVITY AT 25C MICROMHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4-- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L	70507 PHOS-T ORTHO MG/L
92/06/02	1152	WATER		10.1	14.5	19.0	47	7.00					
92/06/09	1125	WATER		9.8	17.5	22.5	61	7.50					
92/06/17	1138	WATER		9.6	19.1	27.0	81	7.50					
92/06/24	1150	WATER		10.1	15.0	21.0	71	7.00					
92/07/01	1305	WATER		9.3	23.0	27.0	113	8.00	.636	.010K	.68	.042	.025
92/07/07	1135	WATER		9.8	19.3	19.0	89	8.00	.100K	.017	.59	.044	.028
92/07/16	1140	WATER		9.3	20.5	23.0	109	7.00					
92/07/22	1150	WATER		9.8	19.9	20.0	91	7.50	.135	.020	.48	.039	.020
92/07/30	1135	WATER		9.9	19.0	20.8	79	7.50					
92/08/05	1135	WATER		10.4	17.8	19.0	72	8.00	.100K	.010K	.49	.038	.022
92/08/19	1300	WATER		10.2	18.0	18.5	77	7.00	.108	.011	.67	.032	.010K
92/08/26	1110	WATER		10.4	21.0	24.2		8.00	.211	.018	.31	.023	.017

STORET RETRIEVAL DATE 92/11/18

PGH=RET

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/TYP/A/BNT/STREAM/BIO

ORBC/NPS75

41 45 52.0 075 03 15.0 2

CALLICOON CR AT RT 97 BRIDGE

36105 NEW YORK

NORTH ATLANTIC

DELAWARE RIVER ZONE 1

31DRBCSP 860614

0000 FEET DEPTH

HQ 02040101002 0000.600 OFF

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00310 BOD 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE DISS-180 C MG/L	31616 FEC COLI MPH-FCBR /100ML	31633 E. COLI THERMITOL #/100ML	31673 FECSTREP MFKFAGAR /100ML	00061 STREAM FLOM, INST-CFS
92/06/02	1152	WATER					320			
92/06/09	1125	WATER					20			
92/06/17	1138	WATER					40			
92/06/24	1150	WATER					150			
92/07/01	1305	WATER		.4			2			
92/07/07	1135	WATER		.8	2	79	40			
92/07/16	1140	WATER			1	76	80			
92/07/22	1150	WATER		.5			70			
92/07/30	1135	WATER					210			
92/08/05	1135	WATER		.3K	1K	85	40			
92/08/07	1318	WATER								76
92/08/19	1300	WATER		.3K	1	94	30			
92/08/26	1110	WATER		.3K	1	91	50			

STORER REIRIEVAL DATE 92/11/18

PGM=RET

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DRBC/NPS781
41 49 24.0 075 06 51.0 2
KELLAMS BRIDGE
36105 NEW YORK
NORTH ATLANTIC
DELAWARE RIVER
31DRBCSP 920725
0000 FEET DEPTH

/TYPA/AMBNT/STREAM/BIO

02040101001 0009.000 ON

OATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00300		00010		00020		00095		00400		00625		00610		00630		00665		70507	
				DO	MG/L	WATER TEMP CENT	AIR TEMP CENT	CONDUCTVY AT 25C MICROMHO	PH	TOT KJEL N	MG/L	NH3+NH4-- N TOTAL	MG/L	N-TOTAL	MG/L	NH3+NH4-- N TOTAL	MG/L	N-TOTAL	MG/L	PHOS-TOT	MG/L	PHOS-T ORTHO	MG/L
92/06/02	1100	MATER		9.3	9.3	13.0	17.0	26	7.00														
92/06/09	1049	MATER		9.5	9.5	20.0	21.0	43	7.00														
92/06/17	1057	MATER		9.3	9.3	20.5	28.0	56	7.00														
92/06/24	1113	MATER		9.6	9.6	15.8	22.0	48	7.00														
92/07/01	1215	MATER		9.3	9.3	24.0	20.5	74	7.50					.649		.010K		.18		.028		.010K	
92/07/07	1104	MATER		9.4	9.4	19.7	19.0	64	7.50					.198		.020		.28		.012		.010K	
92/07/16	1110	MATER		8.5	8.5	19.5	22.7	76	7.00														
92/07/22	1110	MATER				20.0	25.0	59	7.50					.100K		.013		.22		.014		.010K	
92/07/30	1105	MATER		8.9	8.9	19.0	22.0	53	7.00														
92/08/05	1045	MATER		9.4	9.4	17.7	19.0	45	7.00					.100K		.010K		.22		.015		.010K	
92/08/19	1200	MATER		9.3	9.3	18.0	19.5	50	7.00					.272		.012		.13		.015		.010K	
92/08/26	1030	MATER		8.9	8.9	22.0	25.0		7.00					.100K		.016		.27		.017		.010K	

STORET RETRIEVAL DATE 92/11/18

PGM=RET

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/TYPE/AMBT/STREAM/BIO

DRBC/NPS781
41 49 24.0 075 06 51.0 2
KELLAMS BRIDGE
36105 NEW YORK
NORTH ATLANTIC
DELAWARE RIVER
31DRBCSP 920725
0000 FEET DEPTH
SULLIVAN
020300
RM 312.6
02040101001 0009.000 ON

DATE FROM TO	TIME OF DAY	MEDIUM	SWK OR DEPTH (FT)	00310 BOD 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE DISS-180 C	70300 MG/L	31616 FEC COLI MFM-FCBR /100ML	31633 E.COLI THERMTOL #/100ML	31673 FECSTREP MFKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
92/06/02	1100	WATER						128			
92/06/09	1049	WATER						22			
92/06/17	1057	WATER						4			
92/06/24	1113	WATER						10			
92/07/01	1215	WATER		.6	2		39	3			
92/07/07	1104	WATER		.8				2			
92/07/16	1110	WATER						33			
92/07/22	1110	WATER		.9				3			
92/07/30	1105	WATER						30			
92/08/05	1045	WATER		.3K				12			
92/08/19	1200	WATER		.3K				7			
92/08/26	1030	WATER		.3K				3			

STORET RETRIEVAL DATE 92/11/18

PGH=RET

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ORBC/NPS8

41 08 08.0 074 55 45.0 2

DEL R AT ESHBACK ACC AREA

42103 PENNSYLVANIA PIKE

NORTH ATLANTIC 020300

DELANARE RIVER ZONE 1

31DRBCSP 860614

02040104005 0005.200 CN

0000 FEET DEPTH

/TYPA/ANBMT/STREAM/BIO

DATE FROM TO	TIME OF DAY	MEDIUM	SWK OR DEPTH (FT)	00300 00 MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CONDUCTVY AT 25C MICROMHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/07/01	1150	WATER		9.3	25.0	25.0	88	7.50	.268	.010	.14	.023	.010K
92/07/08	1145	WATER		8.6	23.0	30.0	93	7.00	.122	.020	.30	.026	.013
92/07/15	1229	WATER		8.2	25.7	30.0	80	7.00	.100K	.017	.19	.033	.012
92/07/22	1115	WATER		8.6	23.5	24.0	72	7.00	.100K	.010K	.12	.026	.010K
92/08/05	1125	WATER		9.1	21.0	23.0	75	7.50	.786	.010K	.17	.017	.010K
92/08/12	1150	WATER		8.8	22.0	26.5	70	7.50	.100K	.018	.05K	.018	.010K
92/08/19	1200	WATER		10.0	21.5	25.0	88	7.50	.100K				
92/08/26	1200	WATER		9.1	25.0	31.0	81	7.50					
92/09/02	1120	WATER		9.4	20.0	22.0							

STORE RETRIEVAL DATE 92/11/18

PGM=RET

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/TYP/A/MBNT/STREAM/BIO

DRBC/NPS8

41 08 08.0 074 55 45.0 2

DEL R AT ESHBACK ACC AREA

42103 PENNSYLVANIA PIKE

NORTH ATLANTIC 020300

DELAWARE RIVER ZONE 1

31DRBCSP 860614

0000 FEET DEPTH

02040104005 0005.200 ON

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00310 BOD 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE DISS-180 C MG/L	31616 FEC COLI MFH-FCBR /100ML	31633 E COLI THERMTOL #/100ML	31673 FECSTREP MFKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
92/07/01	1150	WATER		.6			11	10		
92/07/08	1145	WATER		.7			8	3		
92/07/15	1229	WATER					21			
92/07/22	1115	WATER		.3K	3	58	9	5		
92/08/05	1125	WATER		.3K	4	63	9	1		
92/08/12	1150	WATER					19			
92/08/19	1200	WATER		.3K	1K	65	17	3		
92/08/26	1200	WATER		.3K	1K	56	22	8		
92/09/02	1120	WATER					7			

SIOTRET RETRIEVAL DATE 92/11/18

PGM=RET

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DRBC/NPS85

41 51 12.0 075 13 31.0 2
EQUINUNK CR AT RT 191 BRIDGE IN EQUINUNK PA
42127 PENNSYLVANIA WAYNE
NORTH ATLANTIC 020300
DELAWARE RIVER ZONE 1
31DRBCSP 860614
0000 FEET DEPTH

/TYPA/AMBNT/STREAM/B10

02040101026 0000.350 ON

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CONDUCTVY AT 25C MICRONHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/06/17	0922	WATER		9.1	15.2	21.5	36	6.50					
92/06/25	0925	WATER		8.9	13.9	18.0	38	6.50					
92/07/01	0948	WATER		8.9	18.5	22.0	50	6.50	.192	.010K	.15	.016	.010K
92/07/07	0910	WATER		9.1	16.0	19.0	45	6.50					.010K
92/07/16	0910	WATER		9.0	20.0	22.0	45	7.00					
92/07/22	0910	WATER		8.9	17.5	19.0	44	7.00	.100K	.014	.07	.012	.010K
92/07/30	0920	WATER		8.7	18.0	21.0	43	7.00					
92/08/05	0840	WATER		9.2	15.5	15.8	41	7.00	.128	.014	.13	.018	.010K
92/08/11	1050	WATER		9.0	19.0	25.0		7.00					
92/08/19	0830	WATER		8.7	16.5	16.0	43	6.50	.100K	.012	.14	.012	.010K
92/08/26	0810	WATER		8.2	19.5	23.0		6.50	.100K	.010K	.12	.012	.010K

STORET RETRIEVAL DATE 92/11/18

PGM=RET

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/TYPE/AMBN/STREAM/BIO

DRBC/NPS89

41 57 10.0 075 16 37.5 2
EAST BRANCH AT RT 97 BRIDGE IN HANCOCK NY
36025 NEW YORK DELAWARE
NORTH ATLANTIC 020300
DELAWARE RIVER ZONE 1
31DRBCSP 860614 02040101
0000 FEET DEPTH

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CONDUCTVY AT 25C MICRONHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4-- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/06/17	1029	WATER		9.2	20.0	27.0	51	7.00					
92/06/24	1040	WATER		9.5	16.5	18.0	48	6.50					
92/07/01	1140	WATER		8.7	25.1	24.0	72	7.50	.706	.021	.05K	.015	.010K
92/07/07	1025	WATER		9.4	20.0	18.0	59	7.00	.198	.016	.05K	.010K	.010K
92/07/16	1025	WATER		8.8	21.0	21.5	83	7.00	.100K	.015	.07	.015	.010K
92/07/22	1037	WATER			21.0	22.0	57	7.50					
92/07/30	1031	WATER		9.4	20.5	20.5	59	7.00	.100K	.010K	.15	.020	.010K
92/08/05	1010	WATER		9.5	18.0	18.0	47	7.00					
92/08/11	1300	WATER		10.1	20.5	25.0		7.50					
92/08/19	1115	WATER		11.5	18.0	21.0	50	7.00	.100K	.018	.15	.010K	.010K
92/08/21	1130	WATER		9.5	18.2	18.0	82	7.50					
92/08/26	0955	WATER		8.5	22.4	22.0		7.00	.100K	.010K	.10	.014	.010K

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41 57 10.0 075 16 37.5 2
EAST BRANCH AT RT 97 BRIDGE IN HANCOCK NY
36025 NEW YORK DELAWARE
NORTH ATLANTIC 020300
DELAWARE RIVER ZONE 1
31DRBCSP 860614 02040101
0000 FEET DEPTH

31DRBCSP 860614 02040101
0000 FEET DEPTH

DATE FROM TO	TIME OF DAY	MEDIUM	SMK OR DEPTH (FT)	00310 BOD 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE DISS-180 C MG/L	31616 FEC COLI MFM-FCBR /100HL	31633 E. COLI THERMOTOL #/100HL	31673 FECSTREP MFKFAGAR /100HL	00061 STREAM FLOW, INST-CFS
92/06/17	1029	WATER					3			
92/07/01	1140	WATER		.8			2			
92/07/07	1025	WATER		.5			3			
92/07/16	1025	WATER					40			
92/07/22	1037	WATER		.3			3			
92/07/30	1031	WATER					20			
92/08/05	1010	WATER		.3K			138			
92/08/11	1300	WATER					8			
92/08/19	1115	WATER		.3K			11			
92/08/26	0955	WATER		.3K			28			

STORET RETRIEVAL DATE 92/11/18

PGH=RET

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ORBC/NPS9

41 13 10.0 074 51 08.0 2

OEL R AT DINGMANS ACC AREA

42103 PENNSYLVANIA PIKE

NORTH ATLANTIC 020300

DELAWARE RIVER ZONE 1

310R8CSP 860614

0000 FEET DEPTH

/TYPE/ABNT/STREAM/BIO

02040104005 0011.800 QN

DATE FROM TO	TIME OF DAY	MEDIUM	SNK OR DEPTH (FT)	00300 00 MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CONDUCTIVITY AT 25C MICROMHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/07/01	1055	WATER		7.5	24.0	26.5	87	7.00	.598	.010	.14	.155	.010K
92/07/08	1045	WATER		7.9	22.0	27.0		7.00	.268	.021	.30	.036	.011
92/07/22	1020	WATER		8.1	21.0	24.0	75	7.00	.100K	.016	.16	.030	.013
92/07/29	1110	WATER		8.1	21.4	26.0	87	6.80					
92/08/05	1040	WATER		8.2	20.0	22.0	68	7.00	.100K	.010K	.15	.039	.010K
92/08/12	1310	WATER		8.1	23.0	29.0	74	7.00					
92/08/13	1000	WATER		8.1	21.7	19.0	87	7.00					
92/08/19	1050	WATER		9.4	21.0	24.0	74	7.00	.709	.011	.22	.022	.010K
92/08/26	1100	WATER		8.2	24.5	26.0	79	7.00	.100K	.020	.07	.029	.010K
92/09/02	1035	WATER		8.9	19.1	19.0	72	7.00					

SIORET RETRIEVAL DATE 92/11/18

PGM=RET

PAGE: 148

ORBC/NPS9
41 13 10.0 074 51 08.0 2
DEL R AT DINGMANS ACC AREA
42103 PENNSYLVANIA PIKE
NORTH ATLANTIC 020300
DELAWARE RIVER ZONE 1
310RBCSP 860614
0000 FEET DEPTH

02040104005 0011.800 ON

/TYPA/ANBNT/STREAM/BIO

DATE FROM TO	TIME OF DAY	MEDIUM	SNK OR DEPTH (FT)	00310 BOD 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE OISS-180 C MG/L	31616 FEC COLI MFH-FCBR /100ML	31633 E.COLI THERMTOL #/100ML	31673 FECSTREP MFKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
92/07/01	1055	WATER		.5			15	14		
92/07/08	1045	WATER		.7			8	1		
92/07/22	1020	WATER		.3K	4	48	20	8		
92/07/29	1110	WATER					44			
92/08/05	1040	WATER		.3	1	54	28	1K		
92/08/12	1310	WATER					36			
92/08/19	1050	WATER		.3K	1K	69	23	8		
92/08/26	1100	WATER		.3K	3	86	26	16		
92/09/02	1035	WATER					8			

STORET RETRIEVAL DATE 92/11/16

PGH=RET

PAGE: 149

DRBC/WPS90

41 57 08.0 075 17 30.0 2

WEST BRANCH AT RT 191 BRIDGE IN HANCOCK NY

36025 NEW YORK DELAWARE

NORTH ATLANTIC 020300

DELAWARE RIVER ZONE 1

31DRBCSP 860614

HQ 02040101007 0000.990 OFF

0000 FEET DEPTH

/TYPE/AMBT/STREAM/BIO

DATE FROM TO	TIME OF DAY	MEDIUM	SWK OR DEPTH (FT)	00300 DO MG/L	00010 WATER TEMP CENT	00020 AIR TEMP CENT	00095 CNDUCTVY AT 25C MICROMHO	00400 PH SU	00625 TOT KJEL N MG/L	00610 NH3+NH4- N TOTAL MG/L	00630 NO2&NO3 N-TOTAL MG/L	00665 PHOS-TOT MG/L P	70507 PHOS-T ORTHO MG/L P
92/06/17	1018	WATER		10.0		27.0	65						
92/06/24	1030	WATER		10.1	13.9		35	6.50					
92/07/01	1112	WATER		10.9	17.9	22.0	58	7.00	.516	.058	.51	.017	.010K
92/07/07	1015	WATER		10.5	15.0	18.0	50	7.00	.364	.014	.51	.014	.010K
92/07/16	1015	WATER		9.3	17.0	21.8	59	7.00					
92/07/22	1025	WATER			15.1	22.5	50	7.00	.100K	.013	.58	.021	.010
92/07/30	1018	WATER		9.9	16.0	21.5	49	7.00					
92/08/05	0950	WATER		10.2	13.8	16.0	44	6.50	.100K	.025	.58	.020	.010K
92/08/11	1150	WATER		10.6	16.7	23.5		7.00					
92/08/19	1045	WATER		11.4	17.1	19.0	54	7.00	.100K	.012	.49	.020	.010K
92/08/21	1430	WATER		12.0	18.4	21.0	48	8.50					
92/08/26	0935	WATER		10.0	14.7	23.5		7.00	2.040	.010K	.62	.014	.010K

PAGE: 150

WEST BRANCH AT RT 191 BRIDGE IN HANCOCK NY
36025 NEW YORK DELAWARE
NORTH ATLANTIC 020300

310RBCSP 860614 HQ 02040101007 0000.990 OFF
0000 FEET DEPTH

DATE FROM TO	TIME OF	MEDIUM	SWK OR DEPTH (FT)	00310 BOO 5 DAY MG/L	00530 RESIDUE TOT NFLT MG/L	70300 RESIDUE DISS-180 C MG/L	31616 FEC COLI MFM-FCBR /100ML	31633 E. COLI THERMOL 8/100ML	31673 FECSTREP MFKFAGAR /100ML	00061 STREAM FLOW, INST-CFS
92/06/17	1018	WATER					8			
92/06/24	1030	WATER					104			
92/07/01	1112	WATER		.5			2			
92/07/07	1015	WATER		.8			8			
92/07/16	1015	WATER					400L			
92/07/22	1025	WATER		.8			18			
92/07/30	1018	WATER					156			
92/08/05	0950	WATER		.3K			24			
92/08/11	1150	WATER					24			
92/08/19	1045	WATER		.4			178			
92/08/26	0935	WATER		.3K			30			

APPENDIX B
UPPER DELAWARE RIVER - NUTRIENTS

NUTRIENTS AS N AND P (in mg/l)

** 2-SAMPLE COMPOSITES **

Location	Date	TKN	NH3+NH4	NO2+NO3	Total P	Ortho P
E. Branch Del R. @ Route 97 Bridge R.M. 332.00	7/01/92	0.706	0.021	<0.050	0.015	<0.010
	7/07/92	0.196	0.016	<0.050	<0.010	<0.010
	7/22/92	<0.100	0.015	0.072	0.015	<0.010
	8/05/92	<0.100	<0.010	0.146	0.020	<0.010
	8/19/92	<0.100	0.018	0.152	<0.010	<0.010
	8/26/92	<0.100	<0.010	0.095	0.014	<0.010
W. Branch Del R. @ Route 191 Bridge R.M. 331.90	7/01/92	0.516	0.058	0.513	0.017	<0.010
	7/07/92	0.364	0.014	0.506	0.014	<0.010
	7/22/92	<0.100	0.013	0.578	0.021	0.010
	8/05/92	<0.100	0.025	0.577	0.020	<0.010
	8/19/92	<0.100	0.012	0.490	0.020	<0.010
	8/26/92	2.040	<0.010	0.623	0.014	<0.010
Del R. @ Buckingham Access R.M. 325.14	7/01/92	0.776	<0.010	0.281	0.016	<0.010
	7/07/92	0.115	0.013	0.276	0.012	<0.010
	7/22/92	0.123	0.014	0.296	0.017	0.010
	8/05/92	0.109	<0.010	0.290	0.019	<0.010
	8/19/92	<0.100	0.013	0.187	0.012	<0.010
	8/26/92	0.145	0.015	0.383	0.015	<0.010
Del R. @ Kellam's Bridge R.M. 312.59	7/01/92	0.649	<0.010	0.162	0.028	<0.010
	7/07/92	0.196	0.020	0.282	0.012	<0.010
	7/22/92	0.100	0.013	0.219	0.014	<0.010
	8/05/92	<0.100	<0.010	0.217	0.015	<0.010
	8/19/92	0.272	0.012	0.127	0.015	<0.010
	8/26/92	<0.100	0.016	0.268	0.017	<0.010
Del R. @ Callicoon Access R.M. 303.61 (Avg.: Callicoon, N.Y. & PA)	7/01/92	0.566	<0.010	0.176	0.047	<0.010
	7/07/92	0.128	<0.010	0.269	<0.010	<0.010
	7/22/92	<0.100	0.014	0.190	0.016	<0.010
	8/05/92	<0.100	<0.010	0.166	0.015	<0.010
	8/19/92	<0.100	<0.010	0.127	<0.010	<0.010
	8/26/92	<0.100	0.016	0.210	0.021	<0.010

NUTRIENTS AS N AND P (in mg/l)

** 2-SAMPLE COMPOSITES **

Location	Date	TKN	NH3+NH4	NO2+NO3	Total P	Ortho P
Del R. @ Damascus, PA R.M. 298.40	7/01/92	0.576	<0.010	0.156	0.022	<0.010
	7/07/92	0.147	0.015	0.284	0.017	<0.010
	7/22/92	0.501	0.016	0.190	0.016	<0.010
	8/05/92	<0.100	<0.010	0.163	0.015	<0.010
	8/19/92	<0.100	0.011	0.167	0.015	<0.010
	8/20/92	0.934	0.080	0.106	0.016	<0.010
	8/26/92	<0.100	0.017	0.186	0.015	<0.010
Del R. @ Narrowsburg, N.Y. R.M. 290.10	7/01/92	0.573	0.010	0.130	0.020	<0.010
	7/07/92	0.128	0.021	0.231	<0.010	<0.010
	7/22/92	<0.100	0.017	0.144	0.016	<0.010
	7/23/92	<0.100	0.017	0.140	<0.010	<0.010
	7/23/92	<0.100	0.020	0.130	<0.010	<0.010
	8/05/92	<0.100	<0.010	0.167	0.015	<0.010
	8/20/92	1.440				
	8/26/92	0.384	0.023	0.140	0.016	<0.010
Del R. @ Narrowsburg, PA R.M. 289.60	7/01/92	0.649	0.010	0.147	0.020	<0.010
	7/02/92	0.428	<0.010	0.152	0.016	<0.010
	7/07/92	0.204	0.018	0.234	0.081	<0.010
	7/09/92	0.149	0.021	0.204	0.012	<0.010
	7/22/92	<0.100	0.021	0.159	0.016	0.010
	8/05/92	0.100	<0.010	0.165	0.020	<0.010
	8/20/92	1.340	0.053	0.122	0.012	<0.010
	8/20/92	2.420	0.054	0.050	0.010	<0.010
	8/26/92	0.218	<0.010	0.148	0.013	<0.010
	8/27/92	<0.100	0.062	0.177	0.014	<0.010
	8/27/92	0.100	0.030	0.173	0.012	<0.010
Del R. Just US of Lackawaxen R. R.M. 277.74	7/02/92	0.651	<0.010	0.125	0.023	<0.010
	7/09/92	0.155	0.020	0.178	0.012	<0.010
	7/23/92	<0.100	0.017	0.130	<0.010	<0.010
	8/06/92	<0.100	<0.010	0.087	0.018	<0.010
	8/20/92	1.160	0.013	0.093	0.010	<0.010
	8/27/92	0.151	0.017	0.139	0.015	<0.010

NUTRIENTS AS N AND P (in mg/l)

** 2-SAMPLE COMPOSITES **

Location	Date	TKN	NH3+NH4	NO2+NO3	Total P	Ortho P
Del R. @ Lackawaxen/Minisink Ford Bridge (Just DS of Lackawaxen R. confluence) R.M. 277.40	7/02/92	0.453	0.010	0.140	0.020	<0.010
	7/09/92	<0.100	0.014	0.160	0.013	0.010
	7/23/92	<0.100	<0.010	0.145	<0.010	<0.010
	8/06/92	<0.100	0.014	0.099	0.017	<0.010
	8/20/92	0.626	0.018	0.119	0.012	<0.010
	8/27/92	0.311	<0.010	0.129	0.013	<0.010
Del R. @ Shohola/Barryville Bridge R.M. 273.50	7/02/92	0.364	<0.010	0.091	0.025	<0.010
	7/09/92	0.142	0.016	0.184	0.013	<0.010
	7/23/92	<0.100	0.020	0.124	<0.010	<0.010
	8/06/92	0.241	0.039	0.071	0.020	<0.010
	8/20/92	0.831	<0.010	0.079	0.010	<0.010
	8/27/92	<0.100	<0.010	0.084	0.013	<0.010
Del R. @ Pond Eddy Bridge R.M. 265.50	7/02/92	0.484	0.010	<0.050	0.023	<0.010
	7/09/92	0.258	0.010	0.095	0.016	<0.010
	7/23/92	<0.100	0.013	0.070	0.011	0.010
	8/06/92	<0.100	<0.010	0.107	0.025	<0.010
	8/20/92	0.915	0.012	0.079	0.010	<0.010
	8/27/92	<0.100	<0.010	0.055	0.021	<0.010
Del R. @ Millrift Railroad Bridge R.M. 258.40	7/02/92	0.300	<0.010	0.050	0.020	<0.010
	7/09/92	0.129	0.012	0.101	0.013	<0.010
	7/23/92	0.705	0.016	0.068	<0.010	<0.010
	8/06/92	<0.100	0.020	0.066	0.022	<0.010
	8/27/92	0.324	<0.010	0.066	0.016	<0.010

APPENDIX C

UPPER DELAWARE TRIBUTARIES - NUTRIENTS

NUTRIENTS AS N AND P (in mg/l)

** 2-SAMPLE COMPOSITES **

Location	Date	TKN	NH3+NH4	NO2+NO3	Total P	Ortho P
Equinunk Creek (mouth) R.M. 322.50	7/01/92	0.192	<0.010	0.152	0.016	<0.010
	7/07/92					<0.010
	7/22/92	<0.100	0.014	0.296	0.012	0.010
	8/05/92	0.128	0.014	0.131	0.018	<0.010
	8/05/92	0.116	0.012	0.120	0.016	<0.010
	8/19/92	<0.100	0.012	0.142	0.012	<0.010
	8/19/92	<0.100	0.013	0.139	0.010	<0.010
	8/26/92	<0.100	<0.010	0.119	0.012	<0.010
	8/26/92	<0.100	<0.010	0.109	0.011	<0.010
Callicoon Creek (mouth) R.M. 303.60	7/01/92	0.636	<0.010	0.675	0.042	0.025
	7/07/92	<0.100	0.017	0.591	0.044	0.028
	7/22/92	0.135	0.020	0.483	0.039	0.020
	8/05/92	<0.100	<0.010	0.488	0.038	0.022
	8/19/92	0.108	0.011	0.665	0.032	<0.010
	8/26/92	0.211	0.018	0.312	0.023	0.017
Calkins Creek (mouth) R.M. 295.60	7/01/92	0.496	<0.010	0.341	0.038	0.021
	7/07/92	0.115	0.017	0.383	0.033	0.019
	7/22/92	<0.100	0.016	0.223	0.027	0.022
	8/05/92	<0.100	<0.010	0.141	0.052	0.020
	8/20/92	0.574	0.042	0.176	0.032	0.014
	8/26/92	<0.100	0.022	0.201	0.029	0.016
Tenmile River (mouth) R.M. 284.20	7/02/92	0.319	<0.010	0.079	0.038	0.019
	7/09/92	0.155	0.012	<0.050	0.026	0.041
	7/23/92	<0.100	<0.010	0.085	0.012	0.012
	8/05/92	0.899	<0.010	0.150	0.075	0.014
	8/06/92	<0.100	<0.010	0.125	0.043	0.013
	8/06/92	<0.100	0.012	0.125	0.041	0.013
	8/20/92	0.808	0.011	0.108	0.026	0.011
	8/27/92	0.351	<0.010	0.158	0.025	0.012

NUTRIENTS AS N AND P (in mg/l)

** 2-SAMPLE COMPOSITES **

Location	Date	TKN	NH3+NH4	NO2+NO3	Total P	Ortho P
Masthope Creek (mouth) R.M. 282.50	7/02/92	0.294	<0.010	<0.050	0.034	0.016
	7/09/92	0.155	0.012	<0.050	0.026	0.015
	7/23/92	<0.100	0.021	<0.050	0.016	0.016
	8/06/92	<0.100	<0.010	<0.050	0.023	<0.010
	8/20/92	0.870	0.013	<0.050	0.021	<0.010
	8/27/92	<0.100	0.037	<0.050	0.020	<0.010
Lackawaxen River (mouth) R.M. 277.70	7/02/92	0.332	<0.010	<0.050	0.020	<0.010
	7/09/92	0.245	0.015	<0.050	0.014	<0.010
	7/23/92	<0.100	<0.010	0.087	<0.010	<0.010
	8/06/92	0.329	0.116	0.085	0.030	<0.010
	8/20/92	0.626	0.027	0.216	0.024	<0.010
	8/27/92	<0.100	0.013	0.125	0.026	<0.010
Beaver Brook (mouth) R.M. 275.50	7/02/92	0.382	<0.010	0.066	0.026	0.013
	7/09/92	0.103	0.011	<0.050	0.026	0.010
	7/09/92	0.174	0.011	<0.050	0.022	0.010
	7/23/92	<0.100	0.011	<0.050	0.011	0.011
	8/06/92	0.209	0.029	<0.050	0.026	<0.010
	8/20/92	0.883	<0.010	<0.050	0.024	<0.010
	8/27/92	<0.100	<0.010	0.067	0.019	0.016
Halfway Brook (mouth) R.M. 273.40	7/02/92	0.313	<0.010	0.150	0.033	0.012
	7/09/92	0.149	0.011	0.099	0.020	<0.010
	7/23/92	<0.100	0.019	0.165	0.013	0.010
	8/06/92	0.272	0.040	0.074	0.027	<0.010
	8/20/92	2.190	<0.010	0.109	0.024	<0.010
	8/27/92	<0.100	<0.010	0.144	0.019	<0.010
Shohola Creek (mouth) R.M. 273.20	7/02/92	0.382	<0.010	<0.050	0.026	0.010
	7/09/92	0.149	<0.010	0.059	0.025	<0.010
	7/23/92	0.179	0.012	0.084	0.018	0.012
	8/06/92	<0.100	0.012	<0.050	0.033	<0.010
	8/20/92	0.786	<0.010	<0.050	0.035	0.010
	8/27/92	0.118	<0.010	0.050	0.025	<0.010

NUTRIENTS AS N AND P (in mg/l)

** 2-SAMPLE COMPOSITES **

Location	Date	TKN	NH3+NH4	NO2+NO3	Total P	Ortho P
Mongaup River (mouth) R.M. 261.10	7/02/92	0.294	<0.010	0.063	0.019	<0.010
	7/09/92	0.400	0.017	0.116	0.016	<0.010
	7/23/92	0.100	<0.010	0.106	<0.010	<0.010
	8/06/92	<0.100	<0.010	0.126	0.021	<0.010
	8/20/92	0.767	0.009	0.065	<0.010	<0.010
	8/27/92	0.231	<0.010	0.173	0.019	<0.010

APPENDIX D

MIDDLE DELAWARE RIVER - NUTRIENTS

NUTRIENTS AS N AND P (In mg/l)

** 2-SAMPLE COMPOSITES **

Location	Date	TKN	NH3+NH4	NO2+NO3	Total P	Ortho P
Port Jervis Beach R.M. 255.32	6/30/92	0.687	0.011	0.145	0.020	<0.010
	7/02/92	0.447	<0.010	0.072	0.022	<0.010
	7/07/92	0.134	0.017	0.286	0.017	<0.010
	7/09/92	0.239	<0.010	0.130	0.014	<0.010
	7/21/92	0.340	0.028	0.204	0.028	0.010
	7/23/92	<0.100	0.019	0.077	0.011	0.010
	8/04/92	<0.100	0.053	0.103	0.021	<0.010
	8/08/92	<0.100	0.014	0.050	0.020	<0.010
	8/18/92	<0.100	0.015	0.152	0.011	<0.010
	8/20/92	0.838	0.012	0.098	0.015	<0.010
	8/25/92	1.470	0.013	<0.050	0.012	<0.010
	8/27/92	<0.100	<0.010	<0.050	0.015	<0.010
Port Jervis/Matamoras Bridge (Route 209 Bridge) R.M. 254.75	6/30/92	0.642	0.011	0.135	0.019	<0.010
	7/07/92	0.115	0.012	0.284	0.018	<0.010
	7/21/92	<0.100	0.019	0.190	0.020	<0.010
	8/04/92	0.210	0.013	0.097	0.028	<0.010
	8/18/92	0.152	0.012	0.145	0.010	<0.010
	8/25/92	0.202	0.015	<0.050	0.012	<0.010
Route 84 Bridge R.M. 253.65	6/30/92	0.611	0.020	0.132	0.020	<0.010
	7/07/92	0.160	0.022	0.282	0.044	<0.010
	7/21/92	<0.100	0.038	0.199	0.023	<0.010
	8/04/92	0.147	0.015	0.092	0.022	<0.010
	8/18/92	0.279	0.025	0.165	0.011	<0.010
	8/25/92	0.308	0.016	<0.050	0.014	<0.010
Just US of Milford Landing R.M. 252.55	6/30/92	0.623	0.138	0.185	0.029	0.013
	7/07/92	0.134	0.018	0.304	0.022	<0.010
	7/21/92	0.100	0.028	0.207	0.031	<0.010
	8/04/92	<0.100	0.062	0.139	0.025	<0.010
	8/18/92	<0.100	0.017	0.397	0.036	0.023
	8/25/92	0.105	0.018	0.122	0.020	0.011

NUTRIENTS AS N AND P (in mg/l)

** 2-SAMPLE COMPOSITES **

Location	Date	TKN	NH3+NH4	NO2+NO3	Total P	Ortho P
N. Boundary @ DS end of unnamed island R.M. 249.78	6/30/92	0.617	0.170	0.161	0.023	<0.010
	7/07/92	0.109	0.013	0.318	0.028	0.016
	7/21/92	<0.100	0.032	0.214	0.026	<0.010
	8/04/92	<0.100	0.070	0.126	0.025	<0.010
	8/18/92	0.247	0.014	0.168	0.012	<0.010
	8/25/92	0.309	0.013	0.055	0.025	<0.010
Just US of Vandermark Creek R.M. 247.40	7/07/92	0.198	0.017	0.313	0.031	0.011
	7/21/92	0.179	0.034	0.235	0.030	<0.010
	6/30/92	0.566	<0.010	0.162	0.024	<0.010
	8/04/92	0.153	0.075	0.172	0.279	0.010
	8/18/92	0.159	0.011	0.225	0.019	<0.010
	8/18/92	<0.100	0.012	0.238	0.019	<0.010
	8/25/92	0.208	0.016	0.061	0.021	<0.010
	8/25/92	0.195	0.022	0.069	0.021	<0.010
Milford Beach R.M. 246.30	6/30/92	0.580	0.015	0.150	0.022	<0.010
	7/01/92	0.804	0.010	0.137	0.026	<0.010
	7/07/92	0.134	0.015	0.325	0.031	<0.010
	7/08/92	0.134	0.016	0.178	0.031	0.016
	7/21/92	0.123	0.027	0.254	0.030	<0.010
	7/22/92	0.340	0.015	0.174	0.025	0.010
	7/22/92	0.104	0.016	0.176	0.028	0.010
	8/04/92	<0.100	0.049	0.160	0.027	<0.010
	8/05/92	0.410	<0.010	0.150	0.035	<0.010
	8/05/92	0.335	<0.010	0.156	0.032	<0.010
	8/18/92	0.133	0.010	0.194	0.021	<0.010
	8/19/92	1.180	0.010	0.232	0.022	<0.010
	8/25/92	0.195	<0.010	0.068	0.016	<0.010
	8/26/92	<0.100	0.019	0.074	0.020	<0.010

NUTRIENTS AS N AND P (in mg/l)

** 2-SAMPLE COMPOSITES **

Location	Date	TKN	NH3+NH4	NO2+NO3	Total P	Ortho P
Between Minisink and Namanock Islands R.M. 243.21	7/01/92	0.623	0.010	0.104	0.025	<0.010
	7/08/92	<0.100	0.014	0.185	0.045	0.013
	7/22/92	<0.100	0.013	0.130	0.028	0.012
	8/05/92	0.197	<0.010	0.128	0.024	<0.010
	8/19/92	0.941	0.010	0.213	0.019	<0.010
	8/26/92	0.116	0.014	0.066	0.016	<0.010
Dingmans Access R.M. 238.67	7/01/92	0.596	0.010	0.138	0.155	<0.010
	7/08/92	0.268	0.021	0.300	0.036	0.011
	7/22/92	<0.100	0.016	0.180	0.030	0.013
	8/05/92	<0.100	<0.010	0.152	0.039	<0.010
	8/19/92	0.709	0.011	0.224	0.022	<0.010
	8/26/92	<0.100	0.020	0.074	0.026	<0.010
Eshback Access R.M. 231.97	7/01/92	0.268	0.010	0.139	0.023	<0.010
	7/08/92	0.122	0.020	0.301	0.026	0.013
	7/22/92	<0.100	0.017	0.193	0.033	0.012
	8/05/92	<0.100	<0.010	0.120	0.026	<0.010
	8/19/92	0.786	<0.010	0.172	0.017	<0.010
	8/26/92	<0.100	0.018	<0.050	0.018	<0.010
Bushkill Access R.M. 228.11	7/01/92	0.596	<0.010	0.143	0.026	<0.010
	7/08/92	0.102	0.034	0.310	0.026	0.010
	7/22/92	<0.100	0.020	0.208	0.033	0.012
	8/05/92	0.517	<0.010	0.141	0.027	<0.010
	8/19/92	1.270	<0.010	0.158	0.015	<0.010
	8/26/92	<0.100	0.015	<0.050	0.014	<0.010
Approx. 1000' DS of Flat Brook R.M. 225.11	7/01/92	0.294	0.010	0.122	0.027	<0.010
	7/08/92	0.262	0.018	0.284	0.022	0.011
	7/22/92	0.241	0.027	0.211	0.027	0.013
	8/05/92	0.103	<0.010	0.116	0.043	<0.010
	8/19/92	0.973	<0.010	0.133	0.018	<0.010
	8/26/92	0.591	0.025	<0.050	0.017	<0.010

NUTRIENTS AS N AND P (in mg/l)

** 2-SAMPLE COMPOSITES **

Location	Date	TKN	NH3+NH4	NO2+NO3	Total P	Ortho P
Del R. @ US end of Depew Island R.M. 222.16	7/01/92	0.468	0.010	0.122	0.028	<0.010
	7/08/92	0.128	0.017	0.269	0.027	0.011
	7/22/92	<0.100	0.018	0.206	0.026	0.012
	8/05/92	<0.100	<0.010	0.133	0.027	<0.010
	8/19/92	1.090	<0.010	0.124	0.020	<0.010
	8/26/92	<0.100	0.015	<0.050	0.017	<0.010
	8/27/92	<0.100	0.013	<0.050	0.019	<0.010
Approx. 500' DS of Pahaquarry Creek (Just DS of Poxono Island) R.M. 219.64	7/01/92	0.534	0.010	0.107	0.032	<0.010
	7/08/92	0.220	0.018	0.252	0.024	0.012
	7/22/92	<0.100	0.017	0.194	0.013	0.013
	8/05/92	0.159	<0.010	0.141	0.033	<0.010
	8/19/92	0.806	<0.010	0.122	0.021	<0.010
	8/27/92	<0.100	0.028	<0.050	0.019	<0.010
Smithfield Beach R.M. 218.36	7/01/92	0.630	<0.010	0.103	0.028	<0.010
	7/02/92	0.377	<0.010	0.106	0.037	<0.010
	7/08/92	0.287	0.019	0.246	0.026	0.012
	7/09/92	0.155	0.018	0.308	0.022	0.012
	7/22/92	<0.100	0.014	0.199	0.014	0.013
	7/23/92	<0.100	<0.010	0.190	0.019	0.014
	8/05/92	<0.100	<0.010	0.131	0.029	<0.010
	8/06/92	<0.100	0.011	0.087	0.025	<0.010
	8/19/92	1.020	<0.010	0.110	0.020	<0.010
	8/20/92	3.080	<0.010	0.108	0.022	<0.010
	8/20/92	0.806	<0.010	0.112	0.018	<0.010
	8/27/92	0.431	0.062	<0.050	0.016	<0.010
Shawnee Resort Access R.M. 214.84	7/02/92	0.294	0.010	0.093	0.030	<0.010
	7/09/92	0.316	0.015	0.308	0.022	<0.010
	7/23/92	<0.100	0.011	0.235	0.018	0.013
	8/06/92	0.102	0.022	0.077	0.028	<0.010
	8/20/92	0.448	<0.010	0.066	0.018	<0.010
	8/27/92	<0.100	<0.010	<0.050	0.016	<0.010

NUTRIENTS AS N AND P (in mg/l)

** 2-SAMPLE COMPOSITES **

Location	Date	TKN	NH3+NH4	NO2+NO3	Total P	Ortho P
Del River Just US of Brodhead Creek (Between Shawnee and Schellenburger Islands) R.M. 213.06	7/09/92	0.155	0.013	0.104	0.022	0.010
	7/02/92	0.326	<0.010	0.102	0.042	<0.010
	7/23/92	<0.100	0.016	0.222	0.022	0.012
	8/06/92	<0.100	0.020	0.074	0.020	<0.010
	8/20/92	0.836	<0.010	0.062	0.015	<0.010
	8/27/92	<0.100	<0.010	<0.050	0.021	<0.010
	8/27/92	<0.100	<0.010	<0.050	0.013	<0.010
Kittatinny Access R.M. 211.58	7/02/92	0.268	<0.010	0.116	0.040	0.012
	7/09/92	<0.100	0.014	0.351	0.040	0.020
	7/23/92	<0.100	0.023	0.242	0.028	0.016
	7/23/92	<0.100	0.014	0.263	0.047	0.016
	8/06/92	0.336	0.012	0.071	0.025	<0.010
	8/20/92	0.902	<0.010	0.065	0.022	<0.010
	8/27/92	<0.100	<0.010	<0.050	0.025	<0.010
Upstream end of Arrow Island R.M. 210.80	7/02/92	0.294	<0.010	0.140	0.041	0.011
	7/09/92	0.329	0.017	0.352	0.041	0.022
	7/09/92	0.252	0.017	0.367	0.040	0.022
	7/23/92	<0.100	0.022	0.256	0.020	0.018
	8/06/92	<0.100	<0.010	0.090	0.025	0.013
	8/20/92	0.645	<0.010	0.087	0.029	0.013
	8/27/92	<0.100	<0.010	<0.050	0.029	0.012

APPENDIX E

MIDDLE DELAWARE TRIBUTARIES - NUTRIENTS

NUTRIENTS AS N AND P (in mg/l)

** 2-SAMPLE COMPOSITES **

Location	Date	TKN	NH3+NH4	NO2+NO3	Total P	Ortho P
Neversink River (mouth) R.M. 253.60	6/30/92	0.547	0.028	0.382	0.051	0.037
	7/07/92	<0.100	0.055	0.551	0.075	0.055
	7/14/92	0.202	0.028	0.579	0.094	0.068
	7/21/92	0.104	0.042	0.487	0.098	0.067
	7/28/92	<0.100	0.024	0.683	0.112	0.066
	8/04/92	0.260	0.160	0.457	0.088	0.050
	8/11/92	0.152	0.017	0.499	0.074	0.050
	8/18/92	0.272	0.032	0.707	0.071	0.056
	8/25/92	0.328	0.035	0.554	0.071	<0.010
	9/01/92	0.461	0.068	0.548	0.092	0.071
Cummins Creek (DWGNRA boundary and mouth) R.M. 250.10	6/30/92	0.420	<0.010	0.079	0.020	0.011
	7/07/92	0.345	<0.010	0.078	0.015	0.012
	7/21/92	<0.100	0.043	0.132	0.022	0.010
	8/04/92	0.109	0.051	0.099	0.019	0.011
	8/18/92	<0.100	0.010	0.118	0.020	0.011
	8/25/92	0.871	0.015	0.143	0.020	0.012
Vandermark Creek (DWGNRA boundary and mouth) R.M. 247.30	6/30/92	0.535	<0.010	0.828	0.028	0.018
	7/07/92	0.115	0.012	0.743	0.024	0.019
	7/21/92	0.110	0.034	0.235	0.030	0.017
	8/04/92	0.147	0.075	0.835	0.033	0.019
	8/18/92	<0.100	0.011	0.661	0.035	0.020
	8/25/92	0.101	0.024	1.080	0.025	0.017
Sawkill Creek (DWGNRA boundary and mouth) R.M. 247.00	6/30/92	0.579	<0.010	0.200	0.022	0.010
	7/07/92	0.198	0.018	0.218	0.019	0.012
	7/21/92	<0.100	0.034	0.259	0.022	0.010
	8/04/92	0.147	0.074	0.269	0.023	<0.010
	8/18/92	<0.100	0.011	0.301	0.030	<0.010
	8/25/92	0.105	0.014	0.341	0.016	<0.010

NUTRIENTS AS N AND P (in mg/l)

** 2-SAMPLE COMPOSITES **

Location	Date	TKN	NH3+NH4	NO2+NO3	Total P	Ortho P
Raymondskill Creek (mouth) R.M. 243.90	7/01/92	0.693	<0.010	0.051	0.025	<0.010
	7/08/92	0.109	0.015	<0.050	0.017	<0.010
	7/22/92	<0.100	0.015	0.053	0.024	0.010
	8/05/92	<0.100	<0.010	0.043	0.018	<0.010
	8/19/92	1.860	<0.010	0.071	0.025	<0.010
	8/26/92	<0.100	0.011	0.074	0.018	<0.010
Dingmans Creek (mouth) R.M. 239.20	7/01/92	0.568	<0.010	0.137	0.023	<0.010
	7/08/92	0.153	0.012	0.119	0.014	0.010
	7/22/92	<0.100	0.011	0.165	0.012	0.010
	8/05/92	0.109	<0.010	0.204	0.020	0.010
	8/19/92	0.808	<0.010	0.084	0.033	<0.010
	8/26/92	<0.100	0.013	0.231	0.015	<0.010
Hornbecks Creek (DWGNRA boundary) R.M. 236.40	7/14/92	<0.100	<0.010	<0.050	0.034	0.012
	7/14/92	<0.100	0.012	<0.050	0.051	0.012
	7/28/92	<0.100	0.063	0.051	0.023	<0.010
	8/11/92	0.380	0.038	<0.050	0.025	<0.010
	8/11/92	<0.100	0.013	<0.050	0.021	<0.010
	9/01/92	2.190	0.015	<0.050	0.019	<0.010
Toms Creek (DWGNRA boundary) R.M. 230.40	7/14/92	<0.100	0.012	0.068	0.016	0.010
	7/28/92	0.102	0.095	0.114	0.014	<0.010
	8/11/92	<0.100	0.011	0.078	0.012	<0.010
	9/01/92	0.204	0.031	0.080	<0.010	<0.010
Little Bushkill Creek (mouth) R.M. 226.90	8/19/92	0.825	<0.010	0.062	0.024	<0.010
	8/26/92	0.351	0.018	0.108	0.025	<0.010
	9/01/92	0.672	<0.010	0.056	0.017	<0.010
Bushkill Creek (DWGNRA boundary) R.M. 226.90	7/14/92	0.265	<0.010	<0.050	0.027	0.012
	7/28/92	<0.100	0.072	<0.050	0.029	<0.010
	7/28/92	<0.100	0.031	<0.050	0.027	<0.010
	8/11/92	0.354	0.010	<0.050	0.022	<0.010
	9/01/92	<0.100	0.018	<0.050	0.013	<0.010
	9/01/92	0.141	<0.010	<0.050	0.015	<0.010

NUTRIENTS AS N AND P (in mg/l)

** 2-SAMPLE COMPOSITES **

Location	Date	TKN	NH3+NH4	NO2+NO3	Total P	Ortho P
Bushkill Creek (Sect 1 above discharge) R.M. 226.90	8/19/92	0.896	<0.010	<0.050	0.034	<0.010
	8/26/92	<0.100	0.026	<0.050	0.029	0.012
	9/01/92	<0.100	<0.010	0.299	0.070	0.055
Bushkill Creek (Sect 4 below discharge) R.M. 226.90	8/19/92	0.863	0.024	0.077	0.055	<0.010
	8/26/92	<0.100	0.044	<0.050	0.046	0.026
	9/01/92	0.345	0.180	0.430	0.140	0.128
Bushkill Creek (mouth) R.M. 226.90	7/01/92	0.804	<0.010	<0.050	0.045	0.019
	7/08/92	0.166	0.018	<0.050	0.043	0.021
	7/22/92	<0.100	0.022	0.041	0.052	0.034
	8/05/92	<0.100	0.012	0.076	0.048	0.031
	8/19/92	0.690	0.011	0.309	0.111	<0.010
	8/26/92	<0.100	0.028	0.096	0.037	0.029
Shawnee Creek (DWGNRA boundary and mouth) R.M. 214.40	7/02/92	0.243	<0.010	0.195	0.045	0.016
	7/09/92	0.155	0.011	0.139	0.030	0.017
	7/13/92	0.480	<0.010	0.189	0.044	0.016
	7/23/92	0.117	0.018	0.432	0.017	0.017
	7/28/92	0.102	0.102	0.333	0.026	<0.010
	8/06/92	<0.100	0.019	0.216	0.026	0.015
	8/11/92	<0.100	0.012	0.262	0.029	0.016
	8/20/92	1.410	<0.010	0.235	0.052	0.029
	8/27/92	<0.100	<0.010	<0.050	0.039	0.018
	9/01/92	0.153	0.017	0.163	0.017	0.012
Shawnee Creek (US foot bridge)	8/20/92	0.703	<0.010	0.160	0.029	0.013
	8/27/92	0.138	<0.010	0.051	0.042	<0.010
	8/27/92	0.178	<0.010	<0.050	0.041	<0.010
	9/01/92	1.450	0.010	0.216	0.027	0.020
Pahaquarry Creek (mouth)	7/13/92	0.142	<0.010	0.099	<0.010	<0.010
	7/26/92	<0.100	0.018	0.130	<0.010	<0.010
	8/11/92	0.140	<0.010	<0.050	<0.010	<0.010
	9/01/92	0.512	0.055	0.099	<0.010	<0.010

NUTRIENTS AS N AND P (in mg/l)

** 2-SAMPLE COMPOSITES **

Location	Date	TKN	NH3+NH4	NO2+NO3	Total P	Ortho P
Van Campens Brook (mouth)	7/14/92	<0.100	<0.010	0.064	0.013	<0.010
	7/28/92	<0.100	0.049	0.094	0.012	<0.010
	8/11/92	<0.100	<0.010	<0.050	0.011	<0.010
	9/01/92	<0.100	<0.010	0.066	<0.010	<0.010
Brodhead Creek (DWGNRA boundary and mouth) R.M. 213.00	7/02/92	0.890	0.010	0.451	0.082	0.066
	7/09/92	0.142	0.013	0.455	0.103	0.051
	7/13/92	<0.100	0.013	0.557	0.044	0.042
	7/23/92	<0.100	0.013	0.601	0.084	0.082
	7/28/92	0.207	0.104	0.510	0.057	0.033
	8/06/92	0.405	0.194	0.437	0.091	0.064
	8/11/92	<0.100	0.011	0.398	0.275	0.262
	8/20/92	0.818	<0.010	0.382	0.146	0.109
	8/27/92	0.191	<0.010	0.381	0.336	0.297
	9/01/92	0.941	<0.010	0.465	0.185	0.156
Brodhead Creek DS Rt. 80	7/23/92	0.104	0.012	0.661	0.154	0.082
	7/28/92	<0.100	0.013	0.509	0.065	0.037
	8/06/92	<0.100	0.019	0.528	0.106	0.088
	8/11/92	<0.100	0.018	0.400	0.269	0.259
	8/20/92	1.050	<0.010	0.381	0.189	0.127
	8/27/92	<0.100	<0.010	0.372	0.423	0.378
	9/01/92	<0.100	<0.010	0.462	0.183	0.156
Cherry Creek (DWGNRA boundary and mouth) R.M. 212.80	7/02/92	0.725	0.146	0.582	0.088	0.061
	7/09/92	0.542	0.079	0.473	0.126	0.052
	7/13/92	0.661	0.186	0.673	0.053	0.041
	7/23/92	0.100	0.145	0.906	0.160	0.153
	7/28/92	0.187	0.070	0.827	0.136	0.121
	8/06/92	0.222	0.222	0.748	0.068	0.069
	8/11/92	0.462	0.124	0.803	0.074	0.059
	8/20/92	1.650	0.123	0.794	0.104	0.075
	8/27/92	0.224	0.113	0.948	0.151	0.070
	9/01/92	0.717	0.205	0.914	0.131	0.095

NUTRIENTS AS N AND P (in mg/l)

** 2-SAMPLE COMPOSITES **

Location	Date	TKN	NH3+NH4	NO2+NO3	Total P	Ortho P
Cherry Creek (at Rt. 611 Bridge)	8/20/92	1.030	0.036	0.538	0.048	0.026
	8/27/92	0.344	0.078	0.568	0.036	0.022
	9/01/92	0.160	0.140	0.500	0.065	0.018
Slatersford Creek (DWGNRA boundary) R.M. 209.50	7/02/92	0.313	<0.010	0.284	0.034	<0.010
	7/09/92	0.155	0.015	0.176	0.044	<0.010
	7/13/92	0.162	0.019	0.219	0.058	<0.010
	7/23/92	0.681	0.013	0.208	0.073	0.070
	7/28/92	0.318	0.261	0.384	0.024	<0.010
	8/06/92	<0.100	0.011	0.103	0.034	<0.010
	8/11/92	0.203	0.014	0.183	0.050	<0.010
	8/20/92	1.470	<0.010	0.144	0.025	<0.010
	8/27/92	0.404	0.014	0.142	0.021	<0.010
	9/01/92	<0.100	<0.010	0.206	<0.010	<0.010
Shiners Brook (DWGNRA boundary) R.M. 246.60	6/30/92	0.763	0.010	0.215	0.029	<0.010
	7/07/92	0.160	0.014	0.194	0.021	<0.010
	7/14/92	<0.100	0.022	0.157	0.026	0.010
	7/21/92	0.228	0.024	0.176	0.026	0.010
	7/28/92	<0.100	0.022	0.350	0.025	<0.010
	8/04/92	<0.100	0.057	0.233	0.028	<0.010
	8/11/92	0.279	0.012	0.262	0.027	0.018
	8/18/92	0.203	0.044	0.575	0.042	0.011
	8/25/92	0.301	0.015	0.308	0.030	0.013
	9/01/92	<0.100	<0.010	0.251	0.046	<0.010
Little Flat Brook (DWGNRA boundary) R.M. 225.30	7/14/92	0.187	0.010	0.420	0.024	0.010
	7/28/92	0.135	0.049	0.380	0.020	<0.010
	8/11/92	0.399	0.050	0.104	0.016	<0.010
	9/01/92	<0.100	<0.010	0.370	<0.010	<0.010
Flat Brook (mouth) R.M. 225.30	7/01/92	0.580	0.010	0.104	0.021	<0.010
	7/08/92	0.211	0.012	0.116	0.017	0.010
	7/22/92	0.872	0.016	<0.050	0.014	<0.010
	8/05/92	<0.100	<0.010	<0.050	0.014	<0.010
	8/19/92	1.270	0.011	<0.050	0.015	<0.010
	8/26/92	<0.100	0.026	<0.050	0.011	<0.010

NUTRIENTS AS N AND P (in mg/l)

** 2-SAMPLE COMPOSITES **

Location	Date	TKN	NH3+NH4	NO2+NO3	Total P	Ortho P
Flat Brook (boundary)	7/14/92	<0.100	<0.010	0.212	0.020	<0.010
	7/28/92	<0.100	0.091	0.108	0.017	<0.010
	8/11/92	0.133	<0.010	<0.050	0.015	<0.010
	9/01/92	<0.100	0.010	0.081	<0.010	<0.010

APPENDIX F

UPPER DELAWARE RIVER - BOD AND COLIFORM

Note: **Prosser indicates Prosser Laboratory**
 NPS indicates National Park Service Laboratory

BODs (mg/l) (Unseeded & Uninhibited) 2-Grab-Sample Composites Fecal and E. Coliform, colonies/100ml				
Location	Date	Prosser BOD5	NPS BOD5 (Avg)	NPS Fecal Coliform
E. Branch Del R. @ Rt. 97 Bridge R.M. 332.00	7/01/92	0.8		2
	7/07/92	0.47		3
	7/22/92	0.34		3
	8/05/92	<0.30		138
	8/19/92	<0.30		11
	8/26/92	<0.30		28
W. Branch Del R. @ Rt. 191 Bridge R.M. 331.90	7/01/92	0.49		2
	7/07/92	0.84		8
	7/22/92	0.79		18
	8/05/92	<0.30		24
	8/19/92	0.38		178
	8/26/92	<0.30		30
Del R. @ Buckingham Access R.M. 325.14	7/01/92	0.4		6
	7/07/92	0.94		12
	7/22/92	1.32		12
	8/05/92	<0.30	1.00	74
	8/19/92	0.72		20
	8/26/92	<0.30	0.65	48
Del R. @ Kellam's Bridge R.M. 312.59	7/01/92	0.58		3
	7/07/92	0.83		2
	7/22/92	0.88		3
	8/05/92	<0.30		12
	8/19/92	<0.30		7
	8/26/92	<0.30		3
Del R. @ Callicoon Access R.M. 303.61	7/01/92	0.48		130
	7/07/92	0.69		2
	7/22/92	0.39		<1
	8/05/92	<0.30		12
	8/19/92	<0.30		
	8/26/92	<0.30		10

BODs (mg/l) (Unseeded & Uninhibited) 2-Grab-Sample Composites Fecal and E. Coliform, colonies/100ml				
Location	Date	Prosser BOD5	NPS BOD5 (Avg)	NPS Fecal Coliform
Del R. @ Damascus R.M. 298.40	7/01/92	0.52		4
	7/07/92	0.56		3
	7/22/92	0.42		6
	8/05/92	<0.30		11
	8/19/92	<0.30		9
	8/20/92	<0.30		17
	8/26/92	<0.30		18
Del R. @ Narrowsburg, N.Y. R.M. 290.10	7/01/92	0.62		<1
	7/07/92	0.57		4
	7/22/92	0.67		<1
	7/23/92	<0.30		10
	8/05/92	<0.30	0.345	8
	8/20/92	<0.30	0.45	92
	8/26/92	<0.30	1.05	22
Del R. @ Narrowsburg, PA R.M. 289.60	7/01/92	0.55		<1
	7/02/92	0.57		8
	7/07/92	0.52		4
	7/09/92	0.71		10
	7/22/92	<0.30		<1
	7/23/92			10
	8/05/92	<0.30		24
	8/20/92	<0.30		40
	8/26/92	<0.30		26
	8/27/92	<0.30		44
Del R. Just US of Lackawanna R. R.M. 277.74	7/02/92	<0.30		<1
	7/09/92	0.42		6
	7/23/92	<0.30		2
	8/06/92	<0.30		<1
	8/20/92	<0.30		2
	8/27/92	<0.30		6

BODs (mg/l) (Unseeded & Uninhibited) 2-Grab-Sample Composites Fecal and E. Coliform, colonies/100ml				
Location	Date	Prosser BOD5	NPS BOD5 (Avg)	NPS Fecal Coliform
Del R. @ Lackawaxen/Minisink Ford Bridge (Just DS of Lackawaxen R. confluence) R.M. 277.40	7/02/92	0.54		2
	7/09/92	0.66		3
	7/23/92	<0.30		5
	8/06/92	<0.30		1
	8/20/92	<0.30		5
	8/27/92	<0.30		8
Del R. @ Shohola/Berryville Bridge R.M. 273.50	7/02/92	0.38		1
	7/09/92	0.71		<1
	7/23/92	0.32		8
	8/06/92	<0.30		3
	8/20/92	<0.30		<1
	8/27/92	<0.30		9
Del R. @ Pond Eddy Bridge R.M. 265.50	7/02/92	0.76		1
	7/09/92	0.90		3
	7/23/92	0.41		12
	8/06/92	<0.30		12
	8/20/92	<0.30		3
	8/27/92	<0.30		8
Del R. @ Millrift RR Bridge R.M. 258.40	7/02/92	0.46		2
	7/09/92	0.46		7
	7/09/92			6
	7/23/92	<0.30		5
	8/06/92	<0.30		9
	8/27/92	<0.30		3

APPENDIX G

UPPER DELAWARE TRIBUTARIES - BOD AND COLIFORM

Note: Prosser indicates Prosser Laboratory
 NPS indicates National Park Service Laboratory

BODs (mg/l) (Unseeded & Uninhibited) 2-Grab-Sample Composites Fecal and E. Coliform, colonies/100ml			
Location	Date	Prosser BOD5	NPS Fecal Coliform
Equinunk Creek (mouth) R.M. 322.50	7/01/92	0.49	40
	7/07/92	0.37	47
	7/22/92	<0.30	36
	8/05/92	<0.30	15
	8/19/92	<0.30	9
	8/26/92	<0.30	12
Callicoon Creek (mouth) R.M. 303.60	7/01/92	0.37	2
	7/07/92	0.81	40
	7/22/92	0.53	70
	8/05/92	<0.30	40
	8/19/92	<0.30	30
	8/26/92	<0.30	50
Calkins Creek (mouth) R.M. 295.60	7/01/92	<0.30	24
	7/07/92	0.43	38
	7/22/92	<0.30	24
	8/05/92	<0.30	88
	8/20/92	<0.30	12
	8/26/92	<0.30	10
Tenmile River (mouth) R.M. 284.20	7/02/92	<0.30	6
	7/09/92	0.42	12
	7/23/92	<0.30	<1
	8/05/92	<0.30	20
	8/06/92	0.38	12
	8/20/92	<0.30	26
	8/27/92	<0.30	16
Masthope Creek (mouth) R.M. 282.50	7/02/92	0.46	20
	7/09/92	<0.30	22
	7/23/92	<0.30	10
	8/06/92	<0.30	14
	8/20/92	<0.30	58
	8/27/92	<0.30	18

BODs (mg/l) (Unseeded & Uninhibited) 2-Grab-Sample Composites Fecal and E. Coliform, colonies/100ml			
Location	Date	Prosser BOD5	NPS Fecal Coliform
Lackawaxen River (mouth) R.M. 277.70	7/02/92	0.66	2
	7/09/92	0.48	8
	7/23/92	0.45	7
	8/06/92	<0.30	11
	8/20/92	<0.30	<1
	8/27/92	0.38	8
Beaver Brook (mouth) R.M. 275.50	7/02/92	<0.30	3
	7/09/92	0.33	10
	7/23/92	<0.30	<1
	8/06/92	<0.30	20
	8/20/92	<0.30	7
	8/27/92	<0.30	13
Halfway Brook (mouth) R.M. 273.40	7/02/92	<0.30	6
	7/09/92	0.36	12
	7/23/92	<0.30	320
	8/06/92	<0.30	36
	8/20/92	<0.30	14
	8/27/92	<0.30	24
Shohola Creek (mouth) R.M. 273.20	7/02/92	<0.30	5
	7/09/92	<0.30	5
	7/23/92	0.59	200
	8/06/92	<0.30	1
	8/20/92	<0.30	12
	8/27/92	<0.30	6
Mongaup River (mouth) R.M. 261.10	7/02/92	<0.30	<1
	7/09/92	0.46	6
	7/23/92	0.47	44
	8/06/92	<0.30	4
	8/20/92	<0.30	<1
	8/27/92	<0.30	<1

APPENDIX H

MIDDLE DELAWARE RIVER- BOD AND COLIFORM

Note: Prosser indicates Prosser Laboratory
 NPS indicates National Park Service Laboratory

BODs (mg/l) (Unseeded & Uninhibited)
 2-Grab-Sample Composites
 Fecal and E. Coliform, colonies/100ml

Location	Date	Prosser BOD5	NPS BOD5 (Avg)	Prosser Fecal Coliform	NPS Fecal Coliform	Prosser E. Coli
Del R. @ Port Jarvis Beach R.M. 255.32	6/30/92	0.49		17		7
	7/02/92	0.96			2	
	7/09/92	0.67			1	
	7/21/92	<0.30		1		<1
	7/23/92	0.30	0.65		10	
	8/04/92	<0.30		6		1
	8/06/92	<0.30	0.84		2	
	8/18/92	<0.30		10		1
	8/20/92	<0.30	0.15		53	
	8/25/92	<0.30		14		16
	8/27/92	<0.30	0.125	7	6	<1
Del R. @ Route 209 Bridge (Underneath bridge) R.M. 254.75	6/30/92	0.54		25		25
	7/21/92	<0.30		5		<1
	8/04/92	<0.30		18		10
	8/18/92	<0.30		43		12
	8/25/92	<0.30		22		2
Del R. @ Route 84 Bridge (Underneath bridge) R.M. 253.65	6/30/92	0.57		19		20
	7/07/92	<0.30		23		4
	7/21/92	<0.30		21		<1
	8/04/92	<0.30		30		19
	8/18/92	<0.30		60		1
	8/25/92	<0.30		31		16
Del R. just US of Milford Landing R.M. 252.55	6/30/92	0.73		20		18
	7/07/92	0.73		44		3
	7/21/92	<0.30		15		<1
	8/04/92	<0.30		39		31
	8/18/92	0.48		240		7
	8/25/92	0.30		400		260
Del R. Approx. 1000' DS of Milford Landing R.M. 252.27	7/21/92	<0.30		15		
	8/04/92	<0.30		39		

BODs (mg/l) (Unseeded & Uninhibited)
 2-Grab-Sample Composites
 Fecal and E. Coliform, colonies/100ml

Location	Date	Prosser BOD5	NPS BOD5 (Avg)	Prosser Fecal Coliform	NPS Fecal Coliform	Prosser E. Coli
Del R. @ N. Boundary @ DS end unnamed island R.M. 249.78	6/30/92	0.5		20		17
	7/07/92	0.94		53		4
	7/21/92	<0.30		13		1
	8/04/92	<0.30		42		25
	8/18/92	<0.30		55		15
	8/25/92	<0.30		88		94
	8/26/92	<0.30		58		52
Del R. just US of Vandermark Creek R.M. 247.40 -	6/30/92	0.47		18		17
	7/21/92	<0.30		16		<1
	8/04/92	<0.30		40		10
	8/18/92	<0.30		52		1
	8/25/92	<0.30		84		38
Del R. just DS of Sawkill Creek R.M. 246.92	7/07/92	1.02		29		1
Del R. @ Milford Beach R.M. 246.30	8/30/92	0.64		29		18
	7/01/92	0.5		28		35
	7/07/92	0.75		23		5
	7/07/92	0.97		34		<1
	7/08/92	<0.30		33		30
	7/21/92	<0.30		17		<1
	7/22/92	0.39	0.075	30	44	18
	8/04/92	<0.30		48		7
	8/05/92	<0.30	0.455	33	58	26
	8/18/92	0.30		80		17
	8/19/92	<0.30	0.400	52	55	13
	8/25/92	<0.30		160		68
	8/26/92	<0.30		140		85
Del R. between Minisink and Namanock Islands R.M. 243.21	7/01/92	0.47		35		25
	7/08/92	0.49		12		19
	7/22/92	0.37		35		4
	8/05/92	<0.30		23		4
	8/19/92	<0.30		40		

BODs (mg/l) (Unseeded & Uninhibited)
 2-Grab-Sample Composites
 Fecal and E. Coliform, colonies/100ml

Location	Date	Prosser BOD5	NPS BOD5 (Avg)	Prosser Fecal Coliform	NPS Fecal Coliform	Prosser E. Coli
Del R. @ Dingmans Access R.M. 238.87	7/01/92	0.51		15		14
	7/08/92	0.67		8		1
	7/22/92	<0.30		20		8
	8/05/92	<0.30		27		<1
	8/19/92	<0.30		23		8
	8/26/92	<0.30		26		16
Del R. @ Eshback Access R.M. 231.97	7/01/92	0.58		11		10
	7/08/92	0.65		8		3
	7/22/92	<0.30		9		5
	8/05/92	<0.30		9		1
	8/19/92	<0.30		17		3
	8/26/92	<0.30		22		8
Del R. @ Bushkill Access R.M. 228.11	7/01/92	0.5		9		11
	7/08/92	0.74		1		1
	7/22/92	0.40		8		4
	8/05/92	<0.30		17		4
	8/19/92	<0.30		21		5
	8/26/92	<0.30		10		7
Approx. 1000' DS of Flat Brook R.M. 225.11	7/01/92	0.7		8		7
	7/08/92	0.66		3		2
	7/22/92	<0.30		9		<1
	8/05/92	<0.30		8		3
	8/19/92	<0.30		11		1
	8/26/92	<0.30		6		8
Del R. @ US end Depew Island R.M. 222.16	7/01/92	0.64		6		3
	7/08/92	0.44		<1		<1
	7/22/92	<0.30		5		<1
	8/05/92	<0.30		4		1
	8/19/92	<0.30		12		2
	8/26/92	<0.30		10		2
	8/27/92	<0.30		26		11

BODs (mg/l) (Unseeded & Uninhibited)
 2-Grab-Sample Composites
 Fecal and E. Coliform, colonies/100ml

Location	Date	Prosser BOD5	NPS BOD5 (Avg)	Prosser Fecal Coliform	NPS Fecal Coliform	Prosser E. Coli
Del R. Appr. 500' DS of Pahaquarry Creek (Just DS of Poxono Island) R.M. 219.84	7/01/92	0.56		8		6
	7/08/92	0.81		7		<1
	7/22/92	<0.30		<1		2
	8/05/92	<0.30		10		1
	8/19/92	<0.30		14		5
	8/27/92	<0.30		15		10
Del R. @ Smithfield Beach R.M. 218.36	7/01/92	0.62		9		7
	7/02/92	0.58		7		3
	7/08/92	0.63		2		<1
	7/09/92	0.86		8		7
	7/22/92	<0.30	0	11	5	4
	7/23/92	<0.30		5		2
	8/05/92	<0.30	0.235	9	11	<1
	8/06/92	<0.30		5		2
	8/19/92	<0.30		10		<1
	8/20/92	<0.30	0.25	4	5	4
	8/27/92	<0.30	0.25	15	9	9
Del R. @ Shawnee R.M. 214.84	7/02/92	<0.30		3		4
	7/09/92	0.66		9		5
	7/23/92	<0.30		75		35
	8/06/92	<0.30		6		4
	8/20/92	<0.30		6		8
	8/27/92	<0.30		25		12
D.R. Just US of Brodhead Creek (between Shawnee and Schellenburger Islands) R.M. 213.06	7/02/92	0.50		4		<1
	7/09/92	0.88		10		8
	7/23/92	<0.30		4		5
	8/06/92	<0.30		3		3
	8/20/92	<0.30		6		<1
	8/27/92	<0.30		12		17

BODs (mg/l) (Unseeded & Uninhibited)
 2-Grab-Sample Composites
 Fecal and E. Coliform, colonies/100ml

Location	Date	Prosser BOD5	NPS BOD5 (Avg)	Prosser Fecal Coliform	NPS Fecal Coliform	Prosser E. Coli
Del R. @ Kittatinny Access R.M. 211.58	7/02/92	0.84		9	1	6
	7/09/92	0.76		460		300
	7/23/92	0.31	1.08	28	18	30
	8/06/92	<0.30	1.115	16	6	5
	8/20/92	<0.30		14		4
	8/27/92	<0.30		18		7
Del R. @ US end Arrow Island R.M. 210.80	7/02/92	0.67		13		10
	7/09/92	0.71		180		240
	7/23/92	0.36		39		42
	8/06/92	<0.30		11		5
	8/20/92	<0.30		38		10
	8/27/92	<0.30		28		18

APPENDIX I

MIDDLE DELAWARE TRIBUTARIES - BOD AND COLIFORM

Note: **Prosser indicates Prosser Laboratory**
 NPS indicates National Park Service Laboratory

BODs (mg/l) (Unseeded & Uninhibited)
 2-Grab-Sample Composites
 Fecal and E. Coliform, colonies/100ml

Location	Date	Prosser BOD5	Prosser Fecal Coliform	NPS Fecal Coliform	Prosser E. Coli
Neversink River (mouth) R.M. 253.60	6/30/92	0.61	53	32	69
	7/07/92	0.85	260		
	7/14/92	0.39	160		
	7/21/92	<0.30	42		
	7/28/92	<0.30	200		
	8/04/92	<0.30	72		
	8/11/92	<0.30	72		
	8/18/92	0.58	340		
	8/25/92	<0.30	1100		
	9/01/92	<0.30	94		
Cummins Creek (DWGNRA boundary and mouth) R.M. 250.10	6/30/92	<0.30	7		
	7/07/92	1.35	7		
	7/21/92	<0.30	4		
	8/04/92	<0.30	10		
	8/18/92	<0.30	7		
	8/25/92	<0.30	3		
Vandermark Creek (DWGNRA boundary and mouth) R.M. 247.30	6/30/92	<0.30	127		
	7/07/92	0.51	99		
	7/21/92	<0.30	58		
	8/04/92	<0.30	61		
	8/18/92	<0.30	110		
	8/25/92	<0.30	11		
Sawkill Creek (DWGNRA boundary and mouth) R.M. 247.00	6/30/92	<0.30	10		
	7/07/92	0.37	6		
	7/21/92	<0.30	8		
	8/04/92	<0.30	38		
	8/18/92	<0.30	60		
	8/25/92	<0.30	11		
Raymondskill Creek (mouth) R.M. 243.90	7/01/92	0.33	4		
	7/08/92	<0.30	9		
	7/22/92	0.79	<1		
	8/05/92	<0.30	2		
	8/19/92	<0.30	58		
	8/26/92	<0.30	5		

BODs (mg/l) (Unseeded & Uninhibited) 2-Grab-Sample Composites Fecal and E. Coliform, colonies/100ml					
Location	Date	Prosser BOD5	Prosser Fecal Coliform	NPS Fecal Coliform	Prosser E. Coli
Dingmans Creek (mouth) R.M. 230.20	7/01/92	0.34	12		
	7/08/92	<0.30	<1		
	7/22/92	<0.30	6		
	8/05/92	<0.30	3		
	8/19/92	<0.30	42		
	8/26/92	<0.30	8		
Hornbecks Creek (DWGNRA boundary)	7/14/92	0.62	61		
	7/26/92	<0.30	42	26	
	8/11/92	<0.30	103		
	9/01/92	<0.30	26		
Toms Creek (DWGNRA boundary)	7/14/92	<0.30	25		
	7/26/92	<0.30	70	24	
	8/11/92	<0.30	20	10	
	9/01/92	<0.30	15		
Little Bushkill Creek (mouth) R.M. 226.90	8/19/92	<0.30	17		
	8/26/92	<0.30	27		
	9/01/92	<0.30	20		
Bushkill Creek (Sect 1 above discharge) R.M. 226.90	8/19/92	<0.30	59		
	8/26/92	<0.30	47	32	
	9/01/92	<0.30	29	17	
Bushkill Creek (Sect 4 below discharge) R.M. 226.90	8/19/92	<0.30	73		
	8/26/92	<0.30	58	28	
	9/01/92	<0.30	30	16	
Bushkill Creek (mouth) R.M. 226.90	7/01/92	<0.30	15		
	7/06/92	<0.30	4		
	7/22/92	<0.30	12		
	8/05/92	<0.30	12		
	8/19/92	<0.30	20		
	8/26/92	<0.30	58		
Bushkill Creek (boundary)	7/14/92	<0.30	23		
	7/26/92	<0.30	28		
	8/11/92	<0.30	22	19	
	9/01/92	<0.30	20		

BODs (mg/l) (Unseeded & Uninhibited) 2-Grab-Sample Composites Fecal and E. Coliform, colonies/100ml					
Location	Date	Prosser BOD5	Prosser Fecal Coliform	NPS Fecal Coliform	Prosser E. Coli
Shawnee Creek (US foot bridge)	8/20/92	<0.30	35		
	9/01/92	<0.30	55		
Shawnee Creek (DS foot bridge; near mouth)	7/13/92	<0.30	720		
	8/20/92	<0.30	820		
	8/27/92	4.32	1280	828	
	9/01/92	<0.30	980		
Shawnee Creek (DWGNRA boundary and mouth) R.M. 214.40	7/02/92	<0.30	55		
	7/09/92	0.96	600		
	7/13/92	<0.30	720		
	7/23/92	0.45	700		
	7/28/92	<0.30	71		
	8/06/92	<0.30	50		
	8/11/92	<0.30	132		
	8/20/92	<0.30	820		
	8/27/92	<0.30	400	106	
Pahaquarry Creek (mouth)	7/13/92	<0.30	500		
	7/28/92	<0.30	5		
	8/11/92	<0.30	10		
	9/01/92	<0.30	6		
Van Campens Brook (mouth)	7/17/92	<0.30	34		
	7/28/92	<0.30	22		
	8/11/92	<0.30	15		
	9/01/92	<0.30	26		
Brodhead Creek (DWGNRA boundary and mouth) R.M. 213.00	7/02/92	0.30	3		
	7/09/92	1.65	1040		
	7/13/92	0.31	<1		
	7/23/92	0.45	82		
	7/28/92	0.42	82		
	8/06/92	<0.30	8		
	8/11/92	<0.30	380		
	8/20/92	0.31	320		
	8/27/92	5.62	320		
	9/01/92	<0.30	45		

BODs (mg/l) (Unseeded & Uninhibited) 2-Grab-Sample Composites Fecal and E. Coliform, colonies/100ml					
Location	Date	Prosser BOD5	Prosser Fecal Coliform	NPS Fecal Coliform	Prosser E. Coli
Brodhead Creek DS Rt. 80	7/23/92	<0.30	112		
	7/28/92	<0.30	99		
	8/06/92	<0.30	10		
	8/11/92	<0.30	240		
	8/20/92	<0.30	360		
	8/27/92	<0.30	260		
	9/01/92	<0.30	49		
Cherry Creek (DWGNRA boundary and mouth) R.M. 212.60	7/02/92	0.39	59		
	7/09/92	2.86	4000		
	7/13/92	0.35	460		
	7/23/92	1.64	1760		
	7/28/92	0.48	400		
	8/06/92	<0.30	111		
	8/11/92	<0.30	480		
	8/20/92	0.31	420		
	8/27/92	5.29	360	61	
	9/01/92	<0.30	520		
Cherry Creek (at Rt. 611 Bridge)	8/20/92	<0.30	400		
	8/27/92	<0.30	320	213	
	9/01/92	<0.30	460		
Slateford Creek (DWGNRA boundary) R.M. 209.50	7/02/92	<0.30	36		
	7/09/92	1.11	1840		
	7/13/92	0.36	81		
	7/23/92	5.53	137		
	7/28/92	<0.30	14		
	8/06/92	<0.30	6		
	8/11/92	0.30	220		
	8/20/92	0.51	6		
	8/27/92	<0.30	17		
	9/01/92	<0.30	180		

BODs (mg/l) (Unseeded & Uninhibited)
 2-Grab-Sample Composites
 Fecal and E. Coliform, colonies/100ml

Location	Date	Prosser BOD5	Prosser Fecal Coliform	NPS Fecal Coliform	Prosser E. Coli
Shimers Brook (DWGNRA boundary) R.M. 248.60	6/30/92	0.6	18		
	7/07/92	0.38	11		
	7/14/92	<0.30	41		
	7/21/92	<0.30	<1		
	7/28/92	<0.30	40		
	8/04/92	<0.30	18		
	8/11/92	<0.30	19		
	8/18/92	0.71	300		
	8/25/92	<0.30	17		
	9/01/92	<0.30	18		
Flat Brook (mouth) R.M. 225.30	7/01/92	0.47	7		
	7/08/92	0.54	18		
	7/22/92	<0.30	30		
	8/05/92	<0.30	28		
	8/19/92	<0.30	75		
	8/26/92	<0.30	27		
Flat Brook (boundary)	7/08/92	0.54	16		
	7/14/92	0.41	58		
	7/28/92	1.4	45		
	8/11/92	<0.30	29		
	8/19/92	<0.30	75		
Little Flat Brook (boundary)	7/14/92	0.54	92		
	7/28/92	0.47	101		
	8/11/92	<0.30	200		
	9/01/92	<0.30	240		

APPENDIX J

1992 PRECIPITATION DATA

Daily Precipitation Data - 1992			
	Equinunk, PA	Matamoras, PA	Stroudsburg, PA
01-May	0.01	0.03	0.03
02-May	0.14	0.07	0.05
03-May	0.65	0.60	0.08
04-May	0.08	T	
05-May	T	T	T
06-May	0.27	0.12	
07-May			
08-May	T	T	0.36
09-May	0.27	0.32	0.79
10-May		T	0.01
11-May		T	
12-May			
13-May			
14-May	0.04		
15-May			T
16-May	0.53	0.60	0.79
17-May		0.02	0.03
18-May			0.04
19-May			
20-May			
21-May			
22-May			
23-May			
24-May			0.41
25-May	0.44	0.32	0.03
26-May	0.05	T	0.21
27-May	0.16	0.10	0.03
28-May		0.09	
29-May			
30-May			0.28
31-May	1.22	0.49	2.69
Monthly Totals	3.86	2.76	5.83

Daily Precipitation Data - 1992			
	Equinunk, PA	Matamoras, PA	Stroudsburg, PA
01-Jun	1.41	1.43	0.29
02-Jun	T	0.05	T
03-Jun			
04-Jun			
05-Jun	0.03	T	1.08
06-Jun	0.55	2.37	0.92
07-Jun	T	0.13	T
08-Jun			0.11
09-Jun		0.54	0.02
10-Jun			
11-Jun			
12-Jun			
13-Jun			
14-Jun			
15-Jun			
16-Jun			
17-Jun			
18-Jun			
19-Jun	T	T	0.24
20-Jun	0.10	0.15	0.01
21-Jun			
22-Jun			
23-Jun			
24-Jun	0.10	0.38	0.58
25-Jun	0.19	0.32	
26-Jun			
27-Jun	0.57	0.45	1.04
28-Jun	0.08	T	
29-Jun			
30-Jun			
Monthly Totals	3.03	5.82	4.29

Daily Precipitation Data - 1992			
	Equinunk, PA	Matamoras, PA	Stroudsburg, PA
01-Jul			
02-Jul			
03-Jul			0.10
04-Jul	0.54	0.37	0.28
05-Jul		T	
06-Jul	0.33	0.85	0.64
07-Jul			
08-Jul			
09-Jul	0.47	0.47	1.26
10-Jul			
11-Jul			
12-Jul			0.07
13-Jul	0.16	0.06	0.25
14-Jul	0.34	0.39	0.46
15-Jul	0.31		0.12
16-Jul	1.68	1.80	0.23
17-Jul			
18-Jul	0.53	0.18	0.43
19-Jul	0.02		
20-Jul			
21-Jul	0.17		0.02
22-Jul	T		
23-Jul	0.02		0.93
24-Jul	0.60	0.41	0.03
25-Jul			
26-Jul			0.07
27-Jul	1.09	0.91	0.28
28-Jul			
29-Jul			
30-Jul	0.87	T	0.09
31-Jul	0.05		1.57
Monthly Totals	7.18	5.44	6.83

Daily Precipitation Data - 1992			
	Equinunk, PA	Matamoras, PA	Stroudsburg, PA
01-Aug	.67	0.93	T
02-Aug			
03-Aug			
04-Aug	0.23	0.10	0.13
05-Aug	0.20		
06-Aug			
07-Aug			
08-Aug			
09-Aug	0.99	0.49	0.95
10-Aug		0.17	
11-Aug			0.08
12-Aug		0.40	
13-Aug			T
14-Aug	0.01	0.03	0.05
15-Aug	0.03		0.02
16-Aug	T	T	0.05
17-Aug	T	0.24	0.18
18-Aug	0.11	0.45	1.01
19-Aug	0.12	0.07	
20-Aug		T	
21-Aug			
22-Aug			
23-Aug			
24-Aug			
25-Aug			
26-Aug	0.03	T	T
27-Aug			
28-Aug			0.25
29-Aug	0.56	0.20	0.19
30-Aug			
31-Aug			
Monthly Totals	2.95	3.08	2.91

Daily Precipitation Data - 1992			
	Equinunk, PA	Matamoras, PA	Stroudsburg, PA
01-Sep			
02-Sep			
03-Sep	0.08		0.52
04-Sep	0.08	0.28	0.07
05-Sep			
06-Sep		T	0.02
07-Sep	0.01	0.38	0.51
08-Sep	0.02	0.02	0.06
09-Sep		T	0.05
10-Sep			
11-Sep	0.74	1.10	0.51
12-Sep			
13-Sep			
14-Sep			
15-Sep			
16-Sep			
17-Sep			
18-Sep			
19-Sep	0.42	0.07	0.27
20-Sep			
21-Sep			
22-Sep		T	0.64
23-Sep	0.84	1.02	0.37
24-Sep			
25-Sep			
26-Sep	0.31	0.34	0.78
27-Sep	0.15	0.14	0.07
28-Sep	0.02	0.04	
29-Sep			
30-Sep			
Monthly Totals	2.67	3.39	3.87

T = Trace, an amount too small to measure.
Daily measurements are based on total precipitation as of 8:00 a.m. for each date listed.

Source: National Oceanic and Atmospheric Administration.
Climatological Data, Pennsylvania, May thru Sept. 1990.

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