STREAMFLOW, TIDAL-WATER-LEVEL, AND WATER-QUALITY DATA FOR THE TIDAL EMBAYMENTS OF THE METEDECONK AND TOMS RIVERS, NEW JERSEY, WATER YEARS 1993-94

By R. Edward Hickman

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CONVERSION FACTORS

Multiply	By	To obtain
foot	0.3048	meter
mile	1.609	kilometer
square mile	2.59	square kilometer
cubic foot per second	0.02832	cubic meter per second
	Temperature Conversion	
degree Celsius (°C)	°F = (1.8)*(°C) + 32	degree Fahrenheit (°F)

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ABSTRACT

Streamflow, tidal-water-level, and water-quality measurements made in and near the tidal embayments of the Metedeconk and Toms Rivers during water years 1993-94 (October 1992 - September 1994) are presented; most measurements were made during water year 1993 (October 1992 - September 1993). The data were collected as part of a study of the effects of present and future freshwater withdrawals on the quality of the water in the tidal embayments of the Metedeconk and Toms Rivers. Both embayments are part of the Barnegat Bay estuarine system.

Streamflow was continuously measured at three nontidal stations on tributaries to the embayments during October 1992 - September 1994; daily mean values are presented. Discrete streamflow values measured or estimated at five nontidal stations are also presented.

Tidal-water level was continuously measured at one station in each embayment during October 1992 - November 1993; daily minimum and maximum values are presented. Some discrete measurements are included.

Temperature, specific conductance, pH, and dissolved-oxygen concentration were continuously measured by fixed and movable monitors; daily minimum and maximum values are presented. Fixed monitors measured temperature and specific conductance at two stations in each embayment during October 1992 - January 1994. Movable monitors were used to make short-term measurements of temperature, specific conductance, pH, and dissolved-oxygen concentration at selected stations during November 1992 - January 1994.

Discrete measurements of temperature, pH, specific conductance, dissolved-oxygen concentration, and Secchi-disk depth were made in each embayment on 1 or 2 days per month during October 1992 - October 1993. Laboratory analyses for specific conductance, salinity, and concentrations of dissolved chloride and dissolved solids were done on a few water samples.

INTRODUCTION

Streamflow in the Metedeconk and Toms Rivers is being reduced by ground-water withdrawals and surface-water withdrawals (Robert Nicholson, U.S. Geological Survey, oral commun., 1996). Ground-water withdrawals are made from the unconfined aquifer of both drainage basins; surface-water withdrawals are made from the Metedeconk River.

The water quality in the most downstream reaches of the Metedeconk and Toms Rivers may be affected by a reduction in streamflow. The most downstream reach of each river is tidal

and contains saline water. A reduction in streamflow may increase the salinity as well as affect other water-quality characteristics of each tidal reach.

The U.S. Geological Survey (USGS), in cooperation with the New Jersey Department of Environmental Protection (NJDEP), conducted a study to determine the effects of reduced streamflow on selected water-quality characteristics of the tidal reaches. The characteristics of interest were the location of the saltwater front and the salinity, temperature, pH, and dissolved-oxygen concentration in the tidal reaches.

This report presents measurements of tributary streamflow to, tidal-water level of, and water quality of the tidal reaches of the Metedeconk and Toms Rivers made during water years 1993-94 (October 1992 - September 1994); most measurements of tidal-water levels and water quality were made during water year 1993 (October 1992 - September 1993). Measurements for the Metedeconk River are presented in appendixes 1 through 8; measurements for the Toms River are presented in appendixes 9 through 18. Field and laboratory methods are discussed.

Streamflow was continuously measured at three nontidal stations on tributaries to the embayments during October 1992 - September 1994; daily mean values are presented. Discrete streamflow values measured or estimated for these and two other nontidal stations also are presented.

Tidal-water level was continuously measured at one station in each embayment during October 1992 - November 1993; daily minimum and maximum values are presented. Some discrete measurements are included.

Temperature, specific conductance, pH, and dissolved-oxygen concentration were continuously measured by fixed and movable monitors; daily minimum and maximum values are presented. Fixed monitors measured temperature and specific conductance at two stations in each embayment during October 1992 - January 1994. Movable monitors were used to make short-term measurements of temperature, specific conductance, pH, and dissolved-oxygen concentration at selected stations during November 1992 - January 1994.

Discrete measurements of temperature, pH, specific conductance, dissolved-oxygen concentration, and Secchi-disk depth made in each embayment on 1 or 2 days per month during October 1992 - October 1993 are presented, as are results of laboratory analyses of a few water samples for specific conductance, salinity, and concentrations of dissolved chloride and dissolved solids. NJDEP personnel worked with those of the USGS to make the some of the water-quality measurements.

DESCRIPTION OF THE STUDY AREA

The Toms and Metedeconk Rivers are tributaries to the Barnegat Bay estuarine system in eastern New Jersey (fig. 1). Each river consists of an upland, nontidal reach and a downstream, tidal embayment.

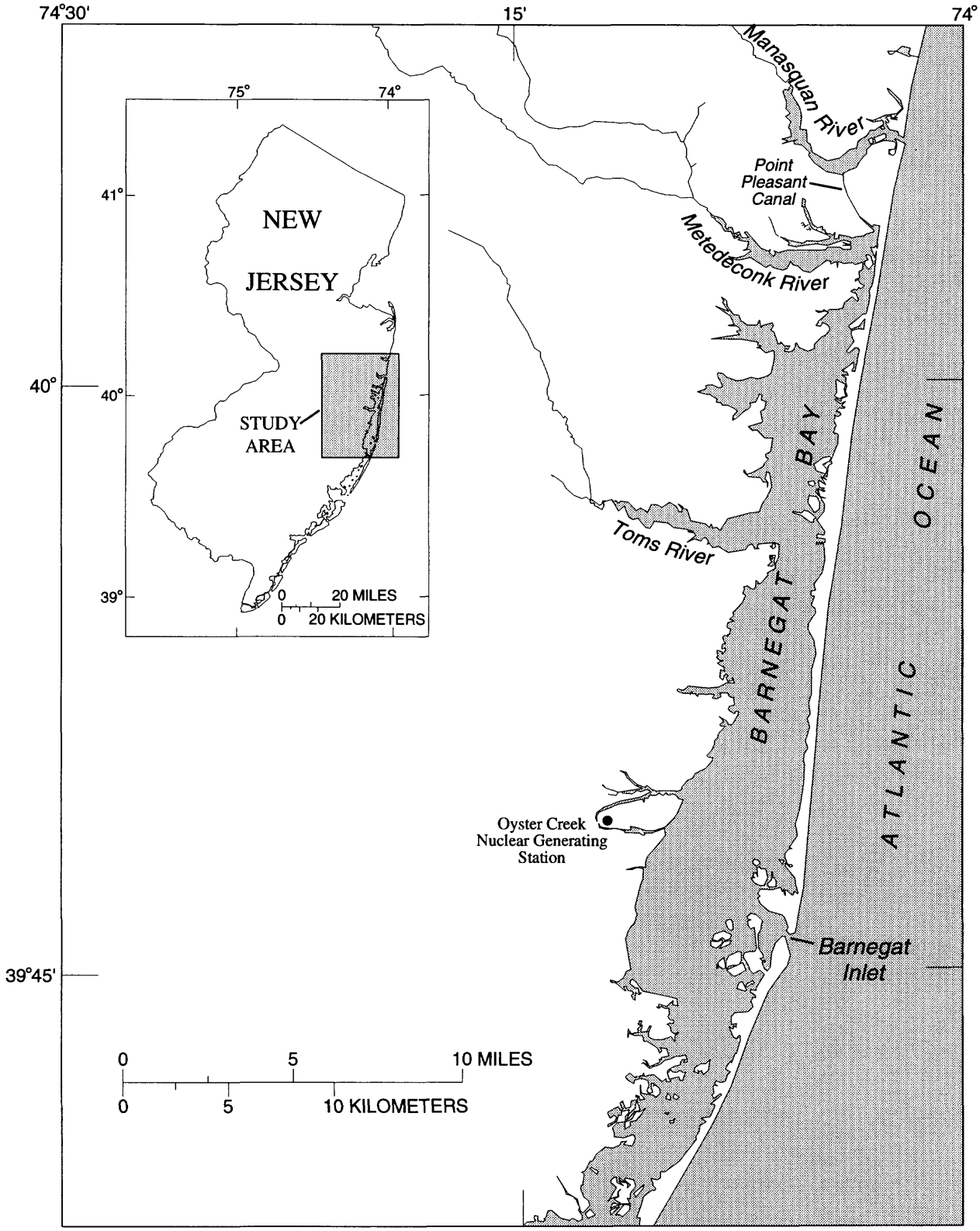

Figure 1. Locations of Barnegat Bay and the Metedeconk and Toms Rivers, New Jersey.

For the purposes of this report, each tidal embayment extends from the head of tide to the mouth of the river (figs. 2 and 3). Generally, the embayments have an average depth of about 5 feet (U.S. Department of Commerce, 1986) and a mean range of tide of about 0.5 feet (U.S. Department of Commerce, 1988). The heads of tide were taken from New Jersey State tidelands maps (State of New Jersey, undated a; State of New Jersey, undated b).

The tidal embayment of the Metedeconk River is about 6 miles long and has a maximum width of about 0.7 miles (fig. 2). The drainage area at the mouth, 79 square miles, was determined from 1:24,000-scale maps by use of a planimeter; the mouth of the Metedeconk River as designated in this report is different from that in Velnich (1984). Surface water is withdrawn by the Brick Township Municipal Utilities Authority just downstream from the head of tide.

The tidal embayment of the Toms River is 7 miles long and has a maximum width of about 1 mile at its mouth (fig. 3). The drainage area at the mouth is 192 square miles (Velnich, 1984).

FIELD AND LABORATORY METHODS

Surface-water stations in and near the tidal embayment of the Metedeconk River at which streamflow, tidal-water-level, and water-quality measurements were made are listed in table 1 and shown in figure 2; stations in and near the tidal embayment of the Toms River are listed in table 2 and shown in figure 3. The types of measurements made at each station and the number of the appendix in which the measurements are shown are given in tables 3 (Metedeconk River) and 4 (Toms River).

All discrete values of time presented in this report are in local time. This is Eastern Standard Time during winter and Eastern Daylight Savings Time during summer.

All discrete and continuous measurements discussed and presented in this report are available in electronic form from computerized data bases at the USGS, New Jersey District, office in West Trenton, N.J. Discrete measurements of water-quality characteristics, stage, and tidal-water level are in the NWIS WATER-QUALITY FILE data base. Continuous measurements of streamflow, tidal-water level, and water-quality characteristics are in the NWIS ADAPS data base.

Streamflow

Three types of streamflow information are presented in this report: daily mean values, measured discrete values, and estimated discrete values. All streamflow measurements presented in this report were determined at nontidal stations on tributaries to the tidal embayments. The techniques used to measure and determine streamflow are given in Rantz and others (1982).

Daily mean streamflow data for the period October 1992 - September 1994 (water years 1993-94) are presented for three continuous-record stations. For each station, values were calculated from (1) a record of continuous, 15-minute measurements of stage and (2) relations between measured values of streamflow and stage. Stage is the elevation of the surface of the

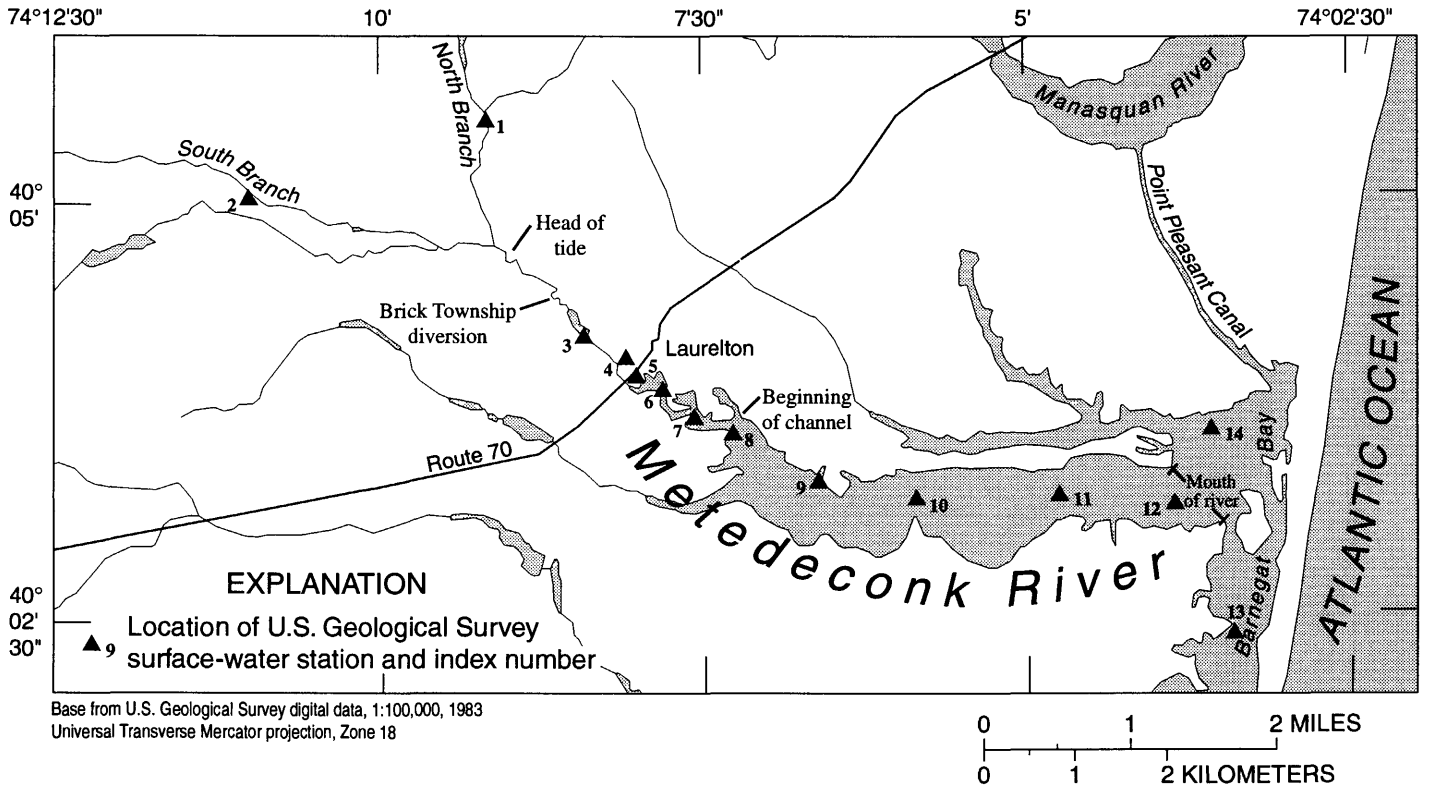

Figure 2. Locations of surface-water stations in and near the tidal embayment of the Metedeconk River, New Jersey.

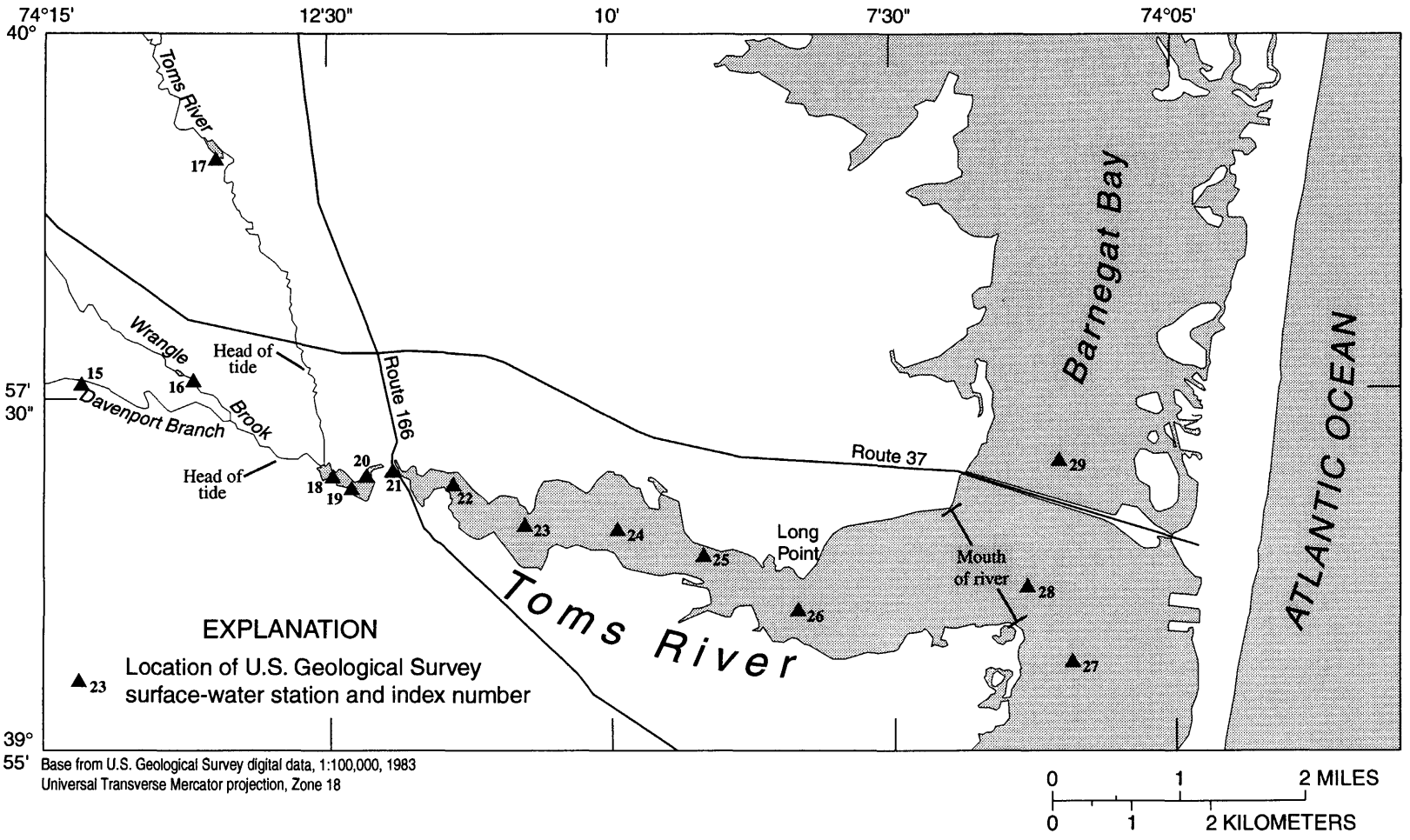

Figure 3. Locations of surface-water stations in and near the tidal embayment of the Toms River, New Jersey.

Table 1. Surface-water stations in and near the tidal embayment of the Metedeconk River, New Jersey

[NA indicates value is not available; USGS, U.S. Geological Survey]

Index number (fig. 2)	USGS station number	USGS station name	Latitude, in degrees, minutes, seconds	Longitude, in degrees, minutes, seconds	Drainage area, in square miles	Tidal or nontidal
		North Branch Metedeconk River				
1	01408120	near Lakewood	400530	0740910	34.9	Nontidal
		South Branch Metedeconk River				
2	01408150	near Lakewood	400503	0741101	27.5	Nontidal
		Metedeconk River				
3	400412074082600	near Bricktown	400412	0740826	NA	Tidal
4	400405074080600	at Laurelton Gardens	400405	0740806	NA	Tidal
5	01408155	at Laurelton	400358	0740801	NA	Tidal
6	400353074074900	1,200 feet downstream from Route 70 at Laurelton	400353	0740749	NA	Tidal
7	400343074073400	0.6 miles downstream from Route 70 at Laurelton	400343	0740734	NA	Tidal
8	400337074071600	0.9 miles downstream from Route 70 near Laurelton	400337	0740716	NA	Tidal
9	01408160	near Laurelton	400320	0740637	NA	Tidal
10	400313074055200	at Eagle Point at Adamston	400313	0740552	NA	Tidal

Table 1. Surface-water stations in and near the tidal embayment of the Metedeconk River, New Jersey--Continued

Index number (fig. 2)	USGS station number	USGS station name	Latitude, in degrees, minutes, seconds	Longitude, in degrees, minutes, seconds	Drainage area, in square miles	Tidal or nontidal
		Metedeconk River (continued)				
11	400314074044500	at Metedeconk	400314	0740445	NA	Tidal
12	400311074035200	at West Mantoloking	400311	0740352	NA	Tidal
		Barnegat Bay				
13	01408168	at Mantoloking	400224	0740325	NA	Tidal
14	400337074033500	near Point Pleasant	400337	0740335	NA	Tidal

Table 2. Surface-water stations in and near the tidal embayment of the Toms River, New Jersey

[NA indicates value is not available; USGS, U.S. Geological Survey]

Index number (fig. 3)	USGS station number	USGS station name	Latitude, in degrees, minutes, seconds	Longitude, in degrees, minutes, seconds	Drainage area, in square miles	Tidal or nontidal
		Davenport Branch				
15	01408630	near Toms River	395738	0741442	31.4	Nontidal
		Wrangle Brook				
16	01408600	near Toms River	395739	0741342	19.5	Nontidal
		Toms River				
17	01408500	near Toms River	395910	0741329	123.0	Nontidal
18	01408685	at Garden State Parkway	395659	0741228	NA	Tidal
19	01408690	0.2 miles downstream from Garden State Parkway	395654	0741218	NA	Tidal
20	01408695	near South Toms River	395659	0741210	NA	Tidal
21	01408700	at Toms River	395701	0741156	NA	Tidal
22	01408719	at Cedar Point at South Toms River	395655	0741123	NA	Tidal
23	01408722	near Toms River	395638	0741045	NA	Tidal

Table 2. Surface-water stations in and near the tidal embayment of the Toms River, New Jersey--Continued

Index number (fig. 3)	USGS station number	USGS station name	Latitude, in degrees, minutes, seconds	Longitude, in degrees, minutes, seconds	Drainage area, in square miles	Tidal or nontidal
		Toms River (continued)				
24	01408730	at Pine Beach	395636	0740956	NA	Tidal
25	01408735	at Maple Avenue Pier at Island Heights	395625	0740910	NA	Tidal
26	01408740	at Island Heights	395602	0740820	NA	Tidal
		Barnegat Bay				
27	395540074055400	near Ocean Gate	395540	0740554	NA	Tidal
28	395611074061800	near Bay Shore	395611	0740618	NA	Tidal
29	395703074060100	near Gilford Park	395703	0740601	NA	Tidal

Table 3. Measurements at surface-water stations in and near the tidal embayment of the Metedeconk River, New Jersey

[Cont. is continuous; Disc. is discrete; Meas. is measurement; NA indicates that measurement was not done or that value is missing or inappropriate; USGS, U.S. Geological Survey]

Index number (fig. 2)	USGS station number	USGS station name	Tidal or nontidal	Number of appendix containing measurements							
				Streamflow		Tidal-water level		Water quality			
								Continuous		Discrete	
				Cont.	Disc.	Cont.	Disc.	Fixed monitors	Movable monitors	Field meas.	Lab meas.
			North Branch Metedeconk River								
1	01408120	near Lakewood	Nontidal	1	2	NA	NA	NA	NA	2	NA
			South Branch Metedeconk River								
2	01408150	near Lakewood	Nontidal	1	2	NA	NA	NA	NA	2	NA
			Metedeconk River								
3	400412074082600	near Bricktown	Tidal	NA	NA	NA	NA	NA	6	7	8
4	400405074080600	at Laurelton Gardens	Tidal	NA	NA	NA	NA	NA	6	7	8
5	01408155	at Laurelton	Tidal	NA	NA	3	7	4, 5	6	7	8
6	400353074074900	1,200 feet downstream from Route 70 at Laurelton	Tidal	NA	NA	NA	NA	NA	NA	7	8
7	400343074073400	0.6 miles downstream from Route 70 at Laurelton	Tidal	NA	NA	NA	NA	NA	NA	7	8

Table 3. Measurements at surface-water stations in and near the tidal embayment of the Metedeconk River, New Jersey--Continued

Index number (fig. 2)	USGS station number	USGS station name	Tidal or nontidal	Number of appendix containing measurements							
				Streamflow		Tidal-water level		Water quality			
								Continuous		Discrete	
				Cont.	Disc.	Cont.	Disc.	Fixed monitors	Movable monitors	Field meas.	Lab meas.
			Metedeconk River (continued)								
8	400337074071600	0.9 miles downstream from Route 70 near Laurelton	Tidal	NA	NA	NA	NA	NA	NA	7	8
9	01408160	near Laurelton	Tidal	NA	NA	3	7	4, 5	6	7	8
10	400313074055200	at Eagle Point at Adamston	Tidal	NA	NA	NA	NA	NA	NA	7	8
11	400314074044500	at Metedeconk	Tidal	NA	NA	NA	NA	NA	NA	7	8
12	400311074035200	at West Mantoloking	Tidal	NA	NA	NA	NA	NA	NA	7	8
			Barnegat Bay								
13	01408168	at Mantoloking	Tidal	NA	NA	NA	NA	NA	NA	7	8
14	400337074033500	near Point Pleasant	Tidal	NA	NA	NA	NA	NA	NA	7	8

Table 4. Measurements at surface-water stations in and near the tidal embayment of the Toms River, New Jersey

[Cont. is continuous; Disc. is discrete; Meas. is measurement; NA indicates that measurement was not done or that value is missing or inappropriate; USGS, U.S. Geological Survey]

Index number (fig. 3)	USGS station number	USGS station name	Tidal or nontidal	Number of appendix containing measurements							
				Streamflow		Tidal-water level		Water quality			
								Continuous		Discrete	
				Cont.	Disc.	Cont.	Disc.	Fixed monitors	Movable monitors	Field meas.	Lab meas.
				Davenport Branch							
15	01408630	near Toms River	Nontidal	NA	10, 12	NA	NA	NA	NA	12	NA
				Wrangle Brook							
16	01408600	near Toms River	Nontidal	NA	10, 12	NA	NA	NA	NA	12	NA
				Toms River							
17	01408500	near Toms River	Nontidal	9	12	NA	NA	NA	11	12	NA
18	01408685	at Garden State Parkway	Tidal	NA	NA	NA	NA	NA	16	17	18
19	01408690	0.2 miles downstream from Garden State Parkway	Tidal	NA	NA	NA	NA	NA	16	17	18
20	01408695	near South Toms River	Tidal	NA	NA	NA	NA	NA	16	17	18
21	01408700	at Toms River	Tidal	NA	NA	NA	17	14, 15	NA	17	18

Table 4. Measurements at surface-water stations in and near the tidal embayment of the Toms River, New Jersey--Continued

Index number (fig. 3)	USGS station number	USGS station name	Tidal or nontidal	Number of appendix containing measurements							
				Streamflow		Tidal-water level		Water quality			
								Continuous		Discrete	
				Cont.	Disc.	Cont.	Disc.	Fixed monitors	Movable monitors	Field meas.	Lab meas.
			Toms River (continued)								
22	01408719	at Cedar Point at South Toms River	Tidal	NA	NA	13	NA	14, 15	16	17	18
23	01408722	near Toms River	Tidal	NA	NA	NA	NA	NA	16	17	18
24	01408730	at Pine Beach	Tidal	NA	NA	NA	NA	NA	NA	17	NA
25	01408735	at Maple Avenue Pier at Island Heights	Tidal	NA	NA	NA	NA	NA	NA	17	18
26	01408740	at Island Heights	Tidal	NA	NA	NA	NA	NA	NA	17	18
			Barnegat Bay								
27	395540074055400	near Ocean Gate	Tidal	NA	NA	NA	NA	NA	NA	17	18
28	395611074061800	near Bay Shore	Tidal	NA	NA	NA	NA	NA	NA	17	18
29	395703074060100	near Gilford Park	Tidal	NA	NA	NA	NA	NA	NA	17	18

stream above a local datum. Values of streamflow at the two continuous-record stations on tributaries to the tidal embayment of the Metedeconk River, 01408120, North Branch Metedeconk River near Lakewood, and 01408150, South Branch Metedeconk River near Lakewood, are given in appendix 1. Values of streamflow at the one continuous-record station on a tributary to the tidal embayment of the Toms River, 01408500, Toms River near Toms River, are given in appendix 9.

Discrete streamflow measurements were made during the period October 1992 - August 1993 at the following partial-record stations on tributaries to the tidal embayment of the Toms River: 01408600, Wrangle Brook near Toms River, and 01408630, Davenport Branch near Toms River. These values are given in appendix 10. Partial-record stations are those at which discrete values of streamflow have been measured, but for which a continuous record of streamflow is not available.

Estimated values of discrete streamflow were made at all the above stations for the times of water-quality measurement during the period October 1992 - October 1993. Estimates were calculated from stage at the time of water-quality measurements and relations between measured values of stage and streamflow. The values for 01408120, North Branch Metedeconk River near Lakewood, and 01408150, South Branch Metedeconk River near Lakewood, are given in appendix 2. The values for 01408500, Toms River near Toms River; 01408600, Wrangle Brook near Toms River; and 01408630, Davenport Branch near Toms River, are given in appendix 12.

Tidal-Water Level

Continuous records of tidal-water level were obtained from measurements at 15-minute intervals during October 1992 - November 1993 at one station on each tidal embayment by using standard USGS methods (Rantz and others, 1982). Only daily maximum and minimum values are presented in this report. Measurements made at 01408160, Metedeconk River near Laurelton, are given in appendix 3; measurements made at 01408719, Toms River at Cedar Point at South Toms River, are given in appendix 13. All values of tidal-water level in the report are given in feet above the National Geodetic Vertical Datum of 1929 (NGVD of 1929).

Discrete measurements of tidal-water level were made at 01408155, Metedeconk River at Laurelton; 01408160, Metedeconk River near Laurelton; and 01408700, Toms River at Toms River, at the times of water-quality measurements during the period October 1992 - October 1993. The values for 01408155, Metedeconk River at Laurelton, and 01408160, Metedeconk River near Laurelton, are given in appendix 7; the values for 01408700, Toms River at Toms River, are given in appendix 17.

Water Quality

The terms "left" and "right" are used when describing the locations of some water-quality measurements. These are the directions when looking downstream, and are not used when referring to measurements in Barnegat Bay; the downstream direction in the bay is ambiguous.

Field Measurements

The results of three types of water-quality measurements are presented. Continuous records of temperature and specific conductance were obtained from measurements by fixed monitors. Continuous records of temperature, specific conductance, pH, and dissolved-oxygen concentration were obtained from measurements by movable water-quality monitors. Discrete, manual measurements were made of temperature, specific conductance, pH, dissolved-oxygen concentration, and Secchi-disk depth, a measure of the transparency of the water.

Although measurements of salinity are not presented in this report, salinity can be calculated from values of specific conductance. One method to do this is presented in Miller and others (1988); other methods exist. The relation presented in Miller and others (1988) is given in equation 1 and shown in figure 4.

$$Salinity = \frac{0.4741}{\left(\left(0.001 \times SC\right)^{-1.07}\right) - \left(0.7464 \times 10^{-3}\right)} \qquad (1)$$

where *Salinity* is in parts per thousand, and
SC is specific conductance in microsiemens per centimeter at 25 degrees Celsius.

Continuous records from fixed monitors

On each tidal embayment, temperature and specific conductance were continuously measured by fixed monitors at two stations. Values were recorded every 15 minutes by using USGS minimonitor probes connected to a Campbell Scientific CR-10 data logger[1].

In the tidal embayment of the Metedeconk River, measurements were made during October 1992 - January 1994 at 01408155, Metedeconk River at Laurelton (probe at mid-depth), and during October 1992 - October 1993 at 01408160, Metedeconk River near Laurelton (probes near surface and bottom). In the tidal embayment of the Toms River, measurements were made during October 1992 - January 1994 at 01408700, Toms River at Toms River (probe at middepth), and during December 1992 - October 1993 at 01408719, Toms River at Cedar Point at South Toms River (probes near surface and bottom).

On each embayment, the upstream monitor measured temperature and specific conductance near the middepth of the water column; the downstream monitor measured temperature and specific conductance near the top and the bottom of the water column. Although the water level varied over time, the depths at all four stations usually were about 5 to 7 feet. Therefore, the mid-depth, near-surface, and near-bottom probes can be assumed to have been about 3 feet, 1 foot, and 6 feet below the surface, respectively.

Daily minimum and maximum values are presented in this report. Temperature and specific-conductance data for the stations in the tidal embayment of the Metedeconk River are

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[1]The use of brand or company names in this report is for identification purposes only and does not constitute endorsement by the U.S. Geological Survey.

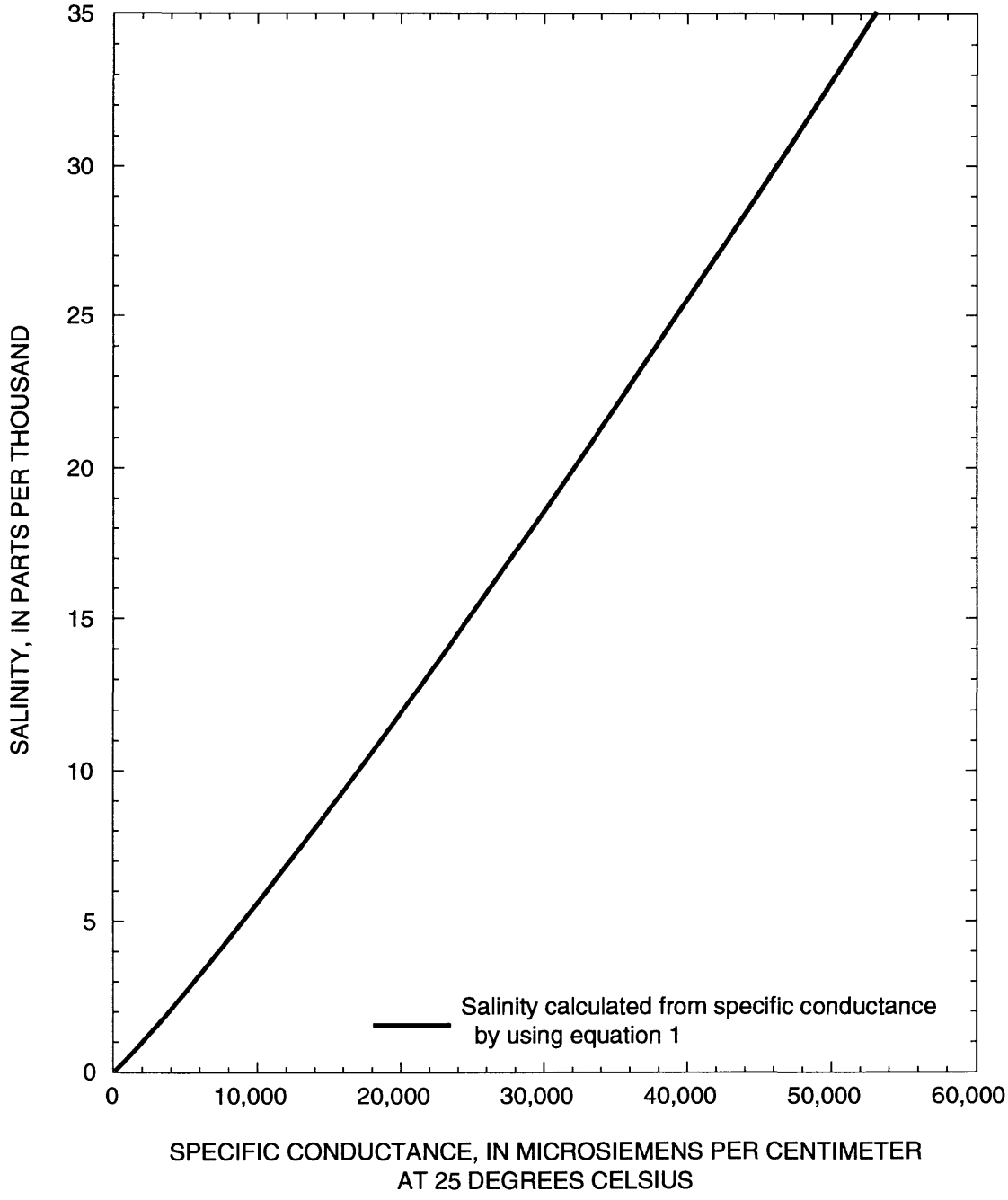

Figure 4. A relation between salinity and specific conductance.

given in appendixes 4 and 5, respectively. Temperature and specific-conductance data for the stations in the tidal embayment of the Toms River are given in appendixes 14 and 15, respectively.

Continuous records from movable monitors

Hydrolab Datasonde II and Datasonde III water-quality monitors were deployed for periods of about a week to about a month to make short-term water-quality measurements at selected stations. The intervals between measurements were 15 to 60 minutes. Both types of monitors were used to measure and record temperature and specific conductance; Datasonde III's were also used to measure and record pH and dissolved-oxygen concentration. Water-quality measurements were made at middepth, near the surface, and (or) near the bottom of the water column; the maximum depth at which measurements were made was about 6 feet.

In the tidal embayment of the Metedeconk River, monitors were deployed at the following stations: 400412074082600, Metedeconk River near Bricktown; 400405074080600, Metedeconk River at Laurelton Gardens; and 01408160, Metedeconk River near Laurelton. In the tidal embayment of the Toms River, monitors were deployed at the following stations: 01408685, Toms River at Garden State Parkway; 01408690, Toms River 0.2 miles downstream from Garden State Parkway; 01408695, Toms River near South Toms River; and 01408722, Toms River near Toms River. A monitor was also deployed at 01408500, Toms River near Toms River, a nontidal station on a tributary to the tidal embayment of the Toms River.

Only daily minimum and maximum values of water-quality data are presented in this report. Daily minimum and maximum values measured at tidal stations in and near the tidal embayment of the Metedeconk River are given in appendix 6. Daily minimum and maximum values measured in and near the tidal embayment of the Toms River are given in appendixes 11 (the nontidal station) and 17 (tidal stations).

Manual measurements at nontidal stations on tributaries

Discrete water-quality measurements were made during October 1992 - October 1993. Generally, measurements were made 1 day per month during the winter and 2 days per month during the summer, usually on days on which measurements were also made at stations in the downstream embayment. Measurements on tributaries to the tidal embayment of the Metedeconk River were made at 01408120, North Branch Metedeconk River near Lakewood, and 01408150, South Branch Metedeconk River near Lakewood. Station 01408150, South Branch Metedeconk River near Lakewood, was measured just downstream from the dam at the station. Measurements on tributaries to the tidal embayment of the Toms River were made at 01408500, Toms River near Toms River; 01408600, Wrangle Brook near Toms River; and 01408630, Davenport Branch near Toms River.

The streamflow at each station was well mixed, and the water quality at each station was represented by one measurement made in the middle of the stream. Each water-quality measurement includes the following water-quality characteristics and associated values: (1) stage; (2) streamflow; (3) temperature, specific conductance, pH, and dissolved-oxygen concentration in

milligrams per liter measured with a Hydrolab Surveyor II; (4) barometric pressure; and (5) calculated dissolved-oxygen concentration as a percent of saturation. Streamflow was estimated from measured stage and relations between stage and streamflow. All values of specific conductance were approximately 100 to 200 microsiemens per centimeter at 25 degrees Celsius; these values are reported as "<200 microsiemens per centimeter at 25 degrees Celsius" because the Hydrolab Surveyor II was calibrated for saline water. The barometric pressure on each day of water-quality measurement was either measured with a barometer or obtained from GPU Nuclear Corporation in Forked River, N.J. (Paul Schwartz, GPU Nuclear Corporation, written commun., 1993, 1994); GPU Nuclear Corporation measured barometric pressure at the Oyster Creek Nuclear Generating Station (fig. 1).

Values of dissolved-oxygen concentration as a percent of saturation were calculated by use of the following equation:

$$DO_{PERC} = (DO/DOSAT) \times 100 \qquad (2)$$

where DO_{PERC} is dissolved-oxygen concentration as a percent of saturation,
DO is dissolved-oxygen concentration in milligrams per liter, and
$DOSAT$ is dissolved-oxygen concentration at saturation in milligrams per liter.

Values of dissolved-oxygen concentration at saturation for a barometric pressure of 760 millimeters of mercury were calculated from a method presented by R.J. Pickering (U.S. Geological Survey, written commun., 1981). Figure 5 shows the variation in dissolved-oxygen concentration at saturation with temperature for both freshwater and seawater. The method is presented in equations 3 through 7.

$$DOSAT^{760} = 1.4276 \times \left(2.7183^{(A + (S \times B))} \right) \qquad (3)$$

$$A = (-173.4292) + (249.6339 \times K) + (143.3484 \times ln(1/K)) \qquad (4)$$

$$S = \left(\left(5.572 \times 10^{-4} \right) \times SC \right) + \left(\left(2.02 \times 10^{-9} \right) \times SC^2 \right) \qquad (5)$$

$$B = -0.033096 + (0.014259/K) - \left(0.001700/K^2 \right) \qquad (6)$$

$$K = (100/(T + 273.15)) \qquad (7)$$

where $DOSAT^{760}$ is the dissolved-oxygen concentration at saturation for a barometric pressure of 760 milligrams per liter, in milligrams per liter;
T is temperature in degrees Celsius;
SC is specific conductance in microsiemens per centimeter at 25 degrees Celsius; and
ln is natural log.

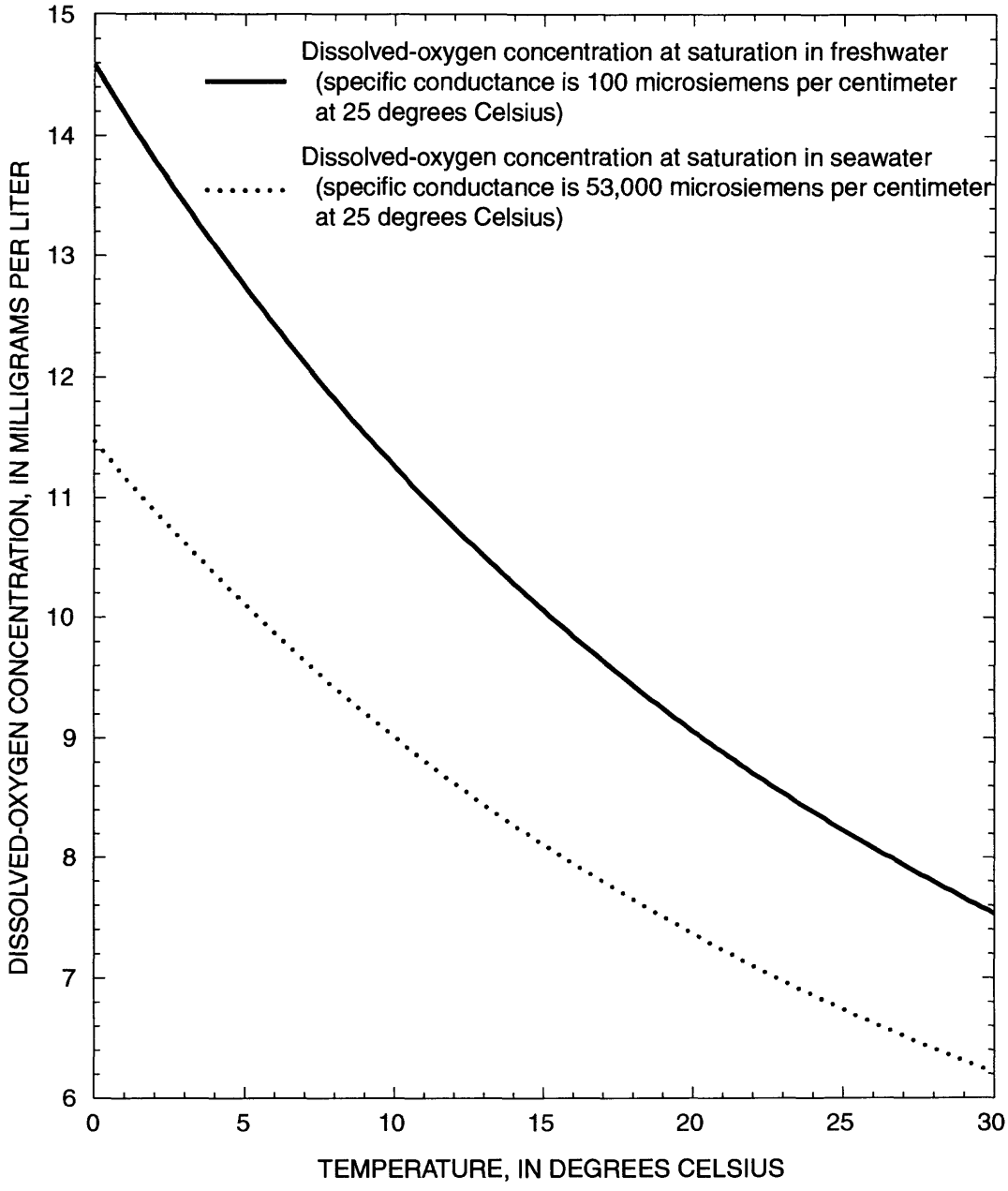

Figure 5. Relations between temperature and dissolved-oxygen concentration at saturation for freshwater and seawater. (Values were calculated for a barometric pressure of 760 millimeters of mercury by using equations 3-7. The specific conductance for seawater was estimated from equation 1 by assuming a salinity of 35 parts per thousand for seawater.)

The dissolved-oxygen concentration at saturation for barometric pressures other than 760 millimeters of mercury also was determined by use of a method presented by R.J. Pickering (U.S. Geological Survey, written commun., 1981). This method is given in equations 8 and 9.

$$DOSAT^{BP} = DOSAT^{760} \times ((BP-u)/(760-u)) \qquad (8)$$

where $DOSAT^{760}$ is dissolved-oxygen concentration at saturation at a barometric pressure of 760 millimeters of mercury;
$DOSAT^{BP}$ is dissolved-oxygen concentration at saturation at a selected barometric pressure;
BP is barometric pressure, in millimeters of mercury; and
u is vapor pressure of water, in millimeters of mercury.

The vapor pressure, u, is calculated from equation 9:

$$u = 2.7183^{(8.10765-(1750.286/(235+T)))} \qquad (9)$$

where u is vapor pressure of water in millimeters of mercury, and
T is temperature in degrees Celsius.

Water-quality measurements made at nontidal stations on tributaries to the tidal embayment of the Metedeconk River are given in appendix 2. Water-quality measurements made at nontidal stations on tributaries to the tidal embayment of the Toms River are given in appendix 12.

Manual measurements at tidal stations in and near the tidal embayments

Measurements at tidal stations in and near the tidal embayments were generally made on 2 days per month during the summer and 1day per month during the winter. Two longitudinal profiles usually were conducted on each day of measurement, one in the morning and one in the afternoon. Some measurements were made at each tidal station in and near the embayment of the Metedeconk River (table 3) and the Toms River (table 4).

Each water-quality measurement included the following water-quality characteristics and associated values: (1) depth of measurement and total depth; (2) distance from left bank; (3) temperature, specific conductance, pH, and dissolved-oxygen concentration; (4) barometric pressure; (5) calculated dissolved-oxygen concentration as a percent of saturation; (6) Secchi-disk depth; and (7) tidal-water level. The distance from left bank is the ratio, in percent, of (1) the distance from left bank to the point of measurement, to (2) the distance from left to right bank. The distance from left bank was estimated from observations in the field and from charts. Most measurements were made in the center of the channel and designated with a value of "50." Some values were measured near the left and right banks; these are designated as "10" and "90," respectively. Values are not given for samples at stations in Barnegat Bay; these stations were located in the navigation channel. Water-quality measurements made at stations in and near the tidal embayments of the Metedeconk and Toms River are given in appendixes 7 and 17, respectively.

Most values of temperature, specific conductance, pH, and dissolved-oxygen concentration in milligrams per liter were measured with a Hydrolab Surveyor II; some values were measured with either a Hydrolab Datasonde III or a Fisher Scientific digital specific-conductance meter. Secchi-disk depth was measured with an 8-inch-diameter limnological disk. The barometric pressure on each day of water-quality measurement was either measured with a barometer or obtained from GPU Nuclear Corporation in Forked River, N.J. (Paul Schwartz, GPU Nuclear Corporation, written commun., 1993, 1994); GPU Nuclear Corporation measured barometric pressure at the Oyster Creek Nuclear Generating Station (fig. 1). Values of dissolved-oxygen concentration as a percent of saturation were calculated by use of methods previously described.

Laboratory measurements of dissolved constituents

A limited number of water samples was collected at tidal stations in and near the tidal embayments for laboratory determination of selected dissolved constituents. Samples were collected at nearly all tidal stations listed in tables 3 (Metedeconk River) and 4 (Toms River). Most samples were collected in October 1992; additional samples near the saltwater fronts were collected during the period December 1992 - October 1993. Water samples near the surface were collected by using either an open bottle or a Van Dorn-type sampler; samples near the bottom were collected by using a Van Dorn-type sampler.

Samples were analyzed by the State of New Jersey Department of Health and Department of Environmental Protection (Bureau of Marine Water Classification and Analysis) for specific conductance, salinity, and concentrations of dissolved chloride and dissolved solids; methods are given below. The values of salinity are similar to, but not exactly equivalent to, the values of salinity calculated by use of equation 1. Results of laboratory analyses of water samples for dissolved constituents in and near the tidal embayments of the Metedeconk and Toms River are given in appendixes 8 and 18, respectively.

Constituent	Method of analysis	Reference for method of analysis
Specific conductance	U.S. Environmental Protection Agency Method 120.1	Kopp and McKee (1983)
	or	
	Standard Methods (16th ed.) Method 2510 B	American Public Health Association (1985)
Salinity	American Public Health Association Method 2520A	American Public Health Association (1985)
Dissolved-chloride concentration	American Public Health Association Method 407A	American Public Health Association (1985)
	or	
	Standard Methods (17th ed.) Method 4500-Cl B	American Public Health Association (1989)
Dissolved-solids concentration	U.S. Environmental Protection Agency Method 160.1	Kopp and McKee (1983)

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APPENDIXES

Appendix 1. Measurements at nontidal stations on tributaries to the tidal embayment of the Metedeconk River, N.J.--Daily mean streamflow, October 1992 - September 1994

[Values of streamflow in cubic feet per second are presented for the continuous-record stations listed below. USGS, U.S. Geological Survey; NA, not applicable]

Index number (fig. 2)	USGS station number	USGS station name
1	01408120	North Branch Metedeconk River near Lakewood
2	01408150	South Branch Metedeconk River near Lakewood

Appendix 1. Measurements at nontidal stations on tributaries of the tidal embayment of the Metedeconk River, N.J.
--Daily mean streamflow, October 1992 - September 1994--Continued

Day	Daily mean streamflow											
	October	November	December	January	February	March	April	May	June	July	August	September
	01408120 North Branch Metedeconk River near Lakewood, October 1992 - September 1993											
1	40	90	45	41	72	66	131	70	36	24	40	28
2	35	72	37	51	56	60	97	57	34	23	104	27
3	32	59	34	51	50	125	81	51	32	23	62	26
4	31	49	36	88	45	245	74	49	32	48	32	25
5	29	50	91	92	43	227	69	54	31	42	57	25
6	27	71	114	75	45	176	67	51	33	25	112	24
7	27	65	95	64	46	143	74	49	45	23	65	24
8	27	55	78	101	45	142	75	99	37	24	34	23
9	26	47	53	93	47	148	66	94	33	40	28	22
10	25	43	45	60	46	168	66	76	30	92	25	22
11	25	41	65	45	45	260	78	56	29	31	25	21
12	51	40	69	60	48	223	73	52	29	24	27	21
13	129	39	57	102	47	150	90	61	29	21	27	21
14	96	40	48	89	47	115	129	51	28	21	47	20
15	59	40	45	78	49	95	106	46	26	47	122	21
16	41	39	44	58	47	91	91	82	26	36	77	21
17	36	37	42	56	49	85	86	79	27	26	41	21
18	34	38	39	180	50	78	78	59	26	35	52	61
19	33	37	41	120	63	77	69	76	28	52	42	46
20	48	36	41	75	92	75	63	82	33	33	33	27
21	74	35	83	65	132	73	59	72	26	26	29	24
22	102	34	110	52	147	137	57	60	25	23	77	27
23	81	34	94	45	137	149	54	51	23	34	233	97
24	62	34	72	50	191	121	53	47	27	51	141	78
25	48	34	51	56	230	102	52	47	65	32	76	46
26	41	33	45	52	151	82	51	79	46	30	44	35
27	48	33	41	51	100	77	51	71	27	33	37	46
28	48	44	35	170	75	124	51	50	27	39	34	89
29	41	56	33	403	NA	214	61	43	25	38	33	63
30	44	55	31	238	NA	259	94	40	25	31	32	35
31	80	NA	29	138	NA	179	NA	37	NA	38	30	NA

Appendix 1. Measurements at nontidal stations on tributaries of the tidal embayment of the Metedeconk River, N.J.
--Daily mean streamflow, October 1992 - September 1994--Continued

Day	Daily mean streamflow											
	October	November	December	January	February	March	April	May	June	July	August	September
	01408120 North Branch Metedeconk River near Lakewood, October 1993 - September 1994											
1	31	31	39	57	46	44	157	60	45	27	26	25
2	29	35	37	50	44	40	132	57	52	29	27	26
3	27	71	35	46	44	29	152	56	53	42	25	26
4	25	82	35	44	44	70	135	28	46	47	22	28
5	24	69	37	50	43	127	108	34	43	43	25	28
6	24	62	36	60	43	154	36	57	42	33	40	28
7	23	50	35	72	43	150	60	71	40	24	81	29
8	24	15	33	88	42	122	59	62	39	23	80	31
9	25	19	40	79	57	92	81	58	39	24	63	35
10	27	26	61	61	52	46	72	57	40	24	32	55
11	29	29	162	14	47	38	59	56	38	25	50	58
12	55	29	514	26	54	40	40	47	36	25	74	58
13	48	37	414	56	69	119	47	40	44	25	78	55
14	40	39	179	90	76	104	62	39	100	46	86	36
15	33	37	83	69	78	97	73	40	61	198	94	22
16	28	36	88	37	84	59	51	32	26	168	67	23
17	26	38	82	46	99	58	54	17	14	46	168	29
18	25	34	78	45	95	100	57	29	10	46	202	81
19	26	32	79	41	90	147	59	42	10	81	127	71
20	25	32	82	41	83	151	57	51	11	137	37	42
21	26	31	78	40	75	109	56	51	11	114	32	72
22	26	33	73	53	54	58	58	46	23	70	33	89
23	25	43	70	59	16	63	58	43	38	39	33	70
24	26	63	45	59	33	93	61	41	47	28	33	41
25	27	91	18	62	43	162	59	40	43	26	32	40
26	28	67	33	74	48	189	62	39	21	24	32	83
27	27	29	37	63	56	151	66	37	17	23	32	160
28	27	51	38	25	48	109	72	37	21	23	32	203
29	29	51	41	36	NA	97	71	36	24	24	32	166
30	31	43	56	54	NA	200	64	35	27	24	29	132
31	30	NA	66	50	NA	176	NA	36	NA	25	25	NA

Appendix 1. Measurements at nontidal stations on tributaries of the tidal embayment of the Metedeconk River, N.J.
--Daily mean streamflow, October 1992 - September 1994--Continued

Day	Daily mean streamflow											
	October	November	December	January	February	March	April	May	June	July	August	September
	01408150 South Branch Metedeconk River near Lakewood, October 1992 - September 1993											
1	31	31	39	57	46	44	157	60	45	27	26	25
2	29	35	37	50	44	40	132	57	52	29	27	26
3	27	71	35	46	44	29	152	56	53	42	25	26
4	25	82	35	44	44	70	135	28	46	47	22	28
5	24	69	37	50	43	127	108	34	43	43	25	28
6	24	62	36	60	43	154	36	57	42	33	40	28
7	23	50	35	72	43	150	60	71	40	24	81	29
8	24	15	33	88	42	122	59	62	39	23	80	31
9	25	19	40	79	57	92	81	58	39	24	63	35
10	27	26	61	61	52	46	72	57	40	24	32	55
11	29	29	162	14	47	38	59	56	38	25	50	58
12	55	29	514	26	54	40	40	47	36	25	74	58
13	48	37	414	56	69	119	47	40	44	25	78	55
14	40	39	179	90	76	104	62	39	100	46	86	36
15	33	37	83	69	78	97	73	40	61	198	94	22
16	28	36	88	37	84	59	51	32	26	168	67	23
17	26	38	82	46	99	58	54	17	14	46	168	29
18	25	34	78	45	95	100	57	29	10	46	202	81
19	26	32	79	41	90	147	59	42	10	81	127	71
20	25	32	82	41	83	151	57	51	11	137	37	42
21	26	31	78	40	75	109	56	51	11	114	32	72
22	26	33	73	53	54	58	58	46	23	70	33	89
23	25	43	70	59	16	63	58	43	38	39	33	70
24	26	63	45	59	33	93	61	41	47	28	33	41
25	27	91	18	62	43	162	59	40	43	26	32	40
26	28	67	33	74	48	189	62	39	21	24	32	83
27	27	29	37	63	56	151	66	37	17	23	32	160
28	27	51	38	25	48	109	72	37	21	23	32	203
29	29	51	41	36	NA	97	71	36	24	24	32	166
30	31	43	56	54	NA	200	64	35	27	24	29	132
31	30	NA	66	50	NA	176	NA	36	NA	25	25	NA

Appendix 1. Measurements at nontidal stations on tributaries of the tidal embayment of the Metedeconk River, N.J. --Daily mean streamflow, October 1992 - September 1994--Continued

Day	Daily mean streamflow											
	October	November	December	January	February	March	April	May	June	July	August	September
	01408150 South Branch Metedeconk River near Lakewood, October 1993 - September 1994											
1	78	83	22	23	99	63	112	65	44	21	43	39
2	46	98	24	31	75	58	94	63	9	21	73	38
3	42	94	28	44	71	122	88	63	10	22	94	38
4	40	74	31	67	61	154	80	57	16	48	42	29
5	31	58	54	61	53	152	51	47	20	81	59	16
6	31	55	77	61	49	153	53	47	32	51	79	19
7	32	57	77	68	48	133	72	47	46	30	70	25
8	32	54	121	90	49	103	86	61	41	29	53	27
9	33	48	102	81	49	117	68	73	34	33	39	28
10	33	44	23	71	49	154	53	87	23	34	32	29
11	33	32	12	63	49	194	60	74	22	34	29	29
12	48	35	19	64	49	224	75	66	23	33	28	28
13	55	36	54	64	49	190	100	50	25	29	29	29
14	58	35	99	64	48	132	97	46	26	21	40	29
15	119	36	100	65	48	77	93	46	23	30	74	29
16	124	36	67	65	48	98	94	66	22	33	98	30
17	63	36	34	68	49	92	92	80	23	33	73	31
18	16	36	33	90	51	57	85	74	24	46	42	47
19	30	36	34	68	56	65	70	76	26	52	40	54
20	57	35	32	58	67	69	63	75	27	33	46	56
21	67	35	18	50	79	77	65	75	28	30	48	48
22	88	35	44	44	94	104	65	74	28	25	55	55
23	103	35	113	38	149	115	65	67	26	29	117	85
24	98	35	94	32	151	144	65	53	28	31	119	85
25	88	35	79	29	146	80	62	54	35	31	66	82
26	73	35	24	30	131	85	51	57	38	33	55	74
27	70	34	18	31	99	83	44	53	32	35	47	68
28	66	39	34	102	73	104	48	50	27	43	42	79
29	61	37	48	163	NA	150	52	50	22	44	41	80
30	63	22	34	214	NA	208	72	49	22	43	41	57
31	76	NA	27	177	NA	157	NA	49	NA	40	40	NA

Appendix 2. Measurements at nontidal stations on tributaries to the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993

[Water-quality data are presented for the stations listed below. USGS, U.S. Geological Survey; NA, not applicable or not available; <, less than]

Index number (fig. 2)	USGS station number	USGS station name
1	01408120	North Branch Metedeconk River near Lakewood
2	01408150	South Branch Metedeconk River near Lakewood

The following information is presented:

Characteristic	Unit	Rounding
Date and time of measurement	NA	NA
Stage	Feet above a local datum	0.01
Streamflow	Cubic feet per second	1
Temperature	Degrees Celsius	0.5
pH	Standard units	0.1
Dissolved-oxygen concentration	Milligrams per liter	0.1
Dissolved-oxygen concentration as a percent of saturation	Percent	1
Barometric pressure	Millimeters of mercury	5
Specific conductance	Microsiemens per centimeter at 25 degrees Celsius	NA

Appendix 2. Measurements at nontidal stations on tributaries to the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/month/day)	Time	Stage	Streamflow	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conductance
						In milligrams per liter	As a percent of saturation		
				01408120 North Branch Metedeconk River near Lakewood					
92/10/15	1448	2.66	25	14.0	6.8	9.0	87	765	<200
92/11/09	1000	2.88	33	5.0	6.3	11.6	89	775	<200
92/12/22	1823	4.97	131	3.5	5.6	12.1	91	765	<200
93/01/14	1622	4.04	81	NA	NA	NA	NA	NA	NA
93/01/15	1605	3.80	70	5.0	NA	11.8	93	765	<200
93/02/11	1040	2.98	37	3.5	NA	12.7	95	770	<200
93/03/26	0740	5.84	214	7.0	5.6	11.0	90	765	<200
93/04/08	0740	3.81	71	8.0	6.3	10.8	90	765	<200
93/04/22	0740	3.49	57	14.5	6.5	8.4	84	750	<200
93/05/06	0720	3.45	55	16.0	6.6	8.3	85	760	<200
93/05/20	1755	3.26	48	13.5	6.4	9.1	89	755	<200
93/06/08	0830	2.63	24	15.5	6.6	8.6	87	760	<200
93/06/21	0750	2.51	19	20.0	6.6	7.4	82	760	<200
93/07/08	0745	2.39	16	22.5	6.6	7.3	85	760	<200
93/07/20	0730	5.37	162	20.0	5.5	6.6	73	760	<200
93/08/04	1230	2.27	12	22.0	6.6	7.6	87	760	<200
93/08/26	0800	2.39	16	20.5	6.6	7.7	85	765	<200
93/09/22	0750	3.38	52	15.5	6.5	8.8	88	765	<200
93/09/29	0745	4.29	92	15.0	5.7	8.4	83	765	<200
93/10/26	0745	3.01	43	11.5	6.6	9.3	85	770	<200

Appendix 2. Measurements at nontidal stations on tributaries to the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/month/day)	Time	Stage	Streamflow	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conductance
						In milligrams per liter	As a percent of saturation		
01408150 South Branch Metedeconk River near Lakewood									
92/10/15	1510	1.76	32	18.0	7.0	9.6	101	765	<200
92/11/09	1100	1.64	20	8.5	6.5	10.3	87	775	<200
92/12/15	1630	2.07	83	NA	NA	NA	NA	NA	NA
92/12/22	1528	2.01	73	5.0	5.7	11.6	91	765	<200
93/01/14	1600	2.10	89	NA	NA	NA	NA	NA	NA
93/01/15	1520	2.03	76	4.5	NA	11.9	92	765	<200
93/02/09	1533	1.93	58	NA	NA	NA	NA	NA	NA
93/02/11	1100	1.88	50	4.0	NA	12.9	97	770	<200
93/03/26	0755	2.53	201	7.0	5.9	12.1	99	765	<200
93/04/08	0810	2.08	85	9.0	6.1	11.0	95	765	<200
93/04/22	0800	2.02	74	16.5	6.6	9.3	96	750	<200
93/05/06	0740	1.95	62	19.0	NA	9.0	97	760	<200
93/05/20	1740	1.89	51	17.0	6.4	8.7	91	755	<200
93/06/08	0900	1.82	40	19.5	7.0	9.1	99	760	<200
93/06/21	0815	1.54	11	25.0	7.1	7.8	95	760	<200
93/07/08	0810	1.69	25	28.0	7.2	7.8	100	760	<200
93/07/20	0750	2.33	140	23.0	6.4	6.7	78	760	<200
93/08/04	1245	1.70	26	28.5	7.3	7.9	102	760	<200
93/08/26	0820	1.75	31	25.5	6.8	8.2	100	765	<200
93/09/22	0820	2.11	91	18.0	6.6	8.3	87	765	<200
93/09/29	0805	2.44	172	17.5	6.0	8.0	84	765	<200
93/10/26	0810	2.01	73	13.0	6.5	9.1	85	770	<200

Appendix 3. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Daily minimum and maximum tidal-water level, October 1992 - November 1993

[Values of tidal-water level are given in feet above the National Geodetic Vertical Datum of 1929 for the station listed below. Min, daily minimum; Max, daily maximum; USGS, U.S. Geological Survey; NA, not available]

Index number (fig. 2)	USGS station number	USGS station name
9	01408160	Metedeconk River near Laurelton

Appendix 3. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.
--Daily minimum and maximum tidal-water level, October 1992 - November 1993--Continued

Day	Daily minimum and maximum tidal-water level											
	October 1992		November 1992		December 1992		January 1993		February 1993		March 1993	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
	01408160 Metedeconk River near Laurelton											
1	0.75	1.20	0.89	1.19	0.73	1.08	NA	NA	NA	NA	1.57	2.13
2	0.95	1.49	1.00	1.92	0.94	1.64	NA	NA	NA	NA	1.00	2.06
3	0.79	1.28	1.52	2.45	0.61	1.61	0.17	0.82	NA	NA	0.87	1.41
4	0.46	1.11	1.52	2.05	0.62	1.11	0.55	1.26	NA	NA	0.74	1.83
5	0.49	1.56	1.25	1.73	-0.77	0.90	0.53	1.88	NA	NA	1.83	2.78
6	1.30	1.78	1.04	1.52	-0.78	0.45	NA	NA	NA	NA	1.98	2.70
7	1.20	1.69	0.90	1.23	-0.14	0.56	NA	NA	NA	NA	1.58	2.32
8	1.10	1.60	0.80	1.28	-0.10	0.60	NA	NA	NA	NA	1.22	1.85
9	1.15	2.33	0.77	1.28	0.23	1.06	NA	NA	NA	NA	0.82	1.72
10	1.46	2.28	0.88	1.38	0.72	2.44	NA	NA	1.15	1.67	0.99	1.72
11	1.44	1.94	1.01	1.60	2.34	5.06	NA	NA	0.59	1.40	0.65	1.73
12	1.43	1.81	0.80	2.37	2.86	4.64	NA	NA	0.64	1.32	0.76	1.26
13	1.38	1.74	1.28	2.85	2.58	3.49	NA	NA	1.15	2.46	0.78	3.59
14	1.15	1.60	0.74	1.40	2.62	3.28	NA	NA	0.57	1.52	0.74	3.95
15	1.11	1.67	0.74	1.17	NA	NA	1.31	2.16	0.57	1.22	-0.52	0.74
16	1.21	2.19	0.54	0.98	1.26	2.23	1.02	1.65	0.81	2.00	-0.27	0.85
17	0.82	1.96	0.74	1.48	1.22	2.22	1.06	1.79	0.48	1.51	-0.43	0.78
18	0.83	1.43	0.68	1.12	0.59	1.50	0.44	1.29	0.32	0.73	-0.80	0.08
19	1.13	1.32	0.69	1.16	0.59	1.14	0.37	0.84	0.19	0.96	-0.24	0.98
20	1.22	2.02	0.76	1.48	0.57	1.46	0.24	0.79	0.81	1.44	0.85	1.19
21	1.04	1.71	1.15	1.56	0.43	0.87	0.08	1.04	0.93	1.74	0.73	1.05
22	0.66	1.24	1.18	1.68	0.34	1.11	NA	NA	1.61	2.15	0.51	1.02
23	0.99	1.72	1.28	2.02	0.80	1.59	NA	NA	1.19	2.07	0.45	0.97
24	1.26	1.75	1.15	2.09	-0.53	1.27	NA	NA	0.22	1.19	0.47	1.20
25	0.77	1.39	1.74	2.33	0.03	1.19	NA	NA	0.13	0.76	0.29	1.26
26	1.08	1.54	1.43	2.24	-0.11	0.88	NA	NA	0.56	0.84	0.85	1.27
27	0.87	1.36	1.27	1.96	-0.33	0.71	NA	NA	0.09	1.10	0.57	1.22
28	0.81	1.36	0.87	1.39	0.38	0.78	NA	NA	1.10	1.60	0.78	1.09
29	0.92	1.49	1.06	1.53	0.57	0.93	NA	NA	NA	NA	1.09	1.50
30	0.92	1.31	0.88	1.22	0.77	1.12	NA	NA	NA	NA	1.25	1.79
31	0.50	1.08	NA	NA	NA	NA	NA	NA	NA	NA	1.38	1.91

Appendix 3. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.
--Daily minimum and maximum tidal-water level, October 1992 - November 1993--Continued

Day	Daily minimum and maximum tidal-water level											
	April 1993		May 1993		June 1993		July 1993		August 1993		September 1993	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
	01408160 Metedeconk River near Laurelton											
1	1.36	2.23	1.49	1.98	1.08	2.13	0.88	1.49	1.41	1.95	1.38	1.94
2	1.41	2.13	0.96	1.67	1.28	2.02	1.15	1.90	1.55	2.27	1.60	2.11
3	1.46	2.18	0.89	1.41	1.42	1.91	1.36	1.91	1.51	2.01	1.98	2.35
4	1.10	1.65	0.91	1.48	1.09	1.79	1.40	1.88	1.13	1.67	1.30	2.11
5	1.12	1.87	1.15	1.95	1.30	1.80	1.17	1.80	1.13	1.50	1.23	1.69
6	0.99	1.76	1.02	1.86	0.81	1.79	1.57	2.07	1.08	1.72	1.29	1.85
7	1.02	1.87	1.10	1.64	1.14	1.69	1.47	2.05	1.30	1.89	1.31	1.82
8	NA	NA	1.22	1.75	1.23	1.70	1.27	1.72	1.44	1.91	1.06	1.51
9	1.22	1.93	1.24	1.75	1.27	1.75	1.26	1.75	1.08	1.54	1.29	2.11
10	1.82	2.31	1.04	1.50	1.19	1.67	1.32	1.71	0.99	1.35	1.24	2.15
11	1.43	2.36	1.31	1.69	0.81	1.41	1.24	1.83	1.01	1.47	0.89	1.35
12	1.07	1.94	1.16	1.84	0.84	1.31	1.29	1.65	1.18	1.71	1.03	1.65
13	1.14	1.87	1.45	2.06	1.02	1.41	1.18	1.75	1.39	1.86	1.21	1.86
14	1.59	2.02	1.26	1.81	1.03	1.55	1.13	1.83	1.28	1.93	1.18	1.96
15	1.59	2.20	1.62	2.69	1.27	2.20	0.70	1.49	1.36	1.99	1.42	1.90
16	2.08	2.99	1.43	2.17	0.86	1.74	0.92	1.47	1.60	2.11	0.65	1.57
17	1.69	2.97	1.05	1.75	0.75	1.43	0.89	1.77	1.77	2.47	1.03	1.91
18	1.02	1.69	1.12	1.62	1.09	1.73	1.23	1.94	1.20	2.06	1.49	2.01
19	1.22	2.21	1.15	1.91	0.87	1.46	1.65	2.30	1.64	2.25	1.45	1.95
20	1.66	2.53	1.48	2.03	0.86	1.43	NA	NA	1.90	2.58	1.13	1.76
21	1.55	2.39	1.61	2.17	NA	NA	1.35	2.06	1.57	2.18	1.40	1.91
22	1.39	1.99	1.23	2.09	1.17	1.85	1.33	1.88	NA	NA	1.21	1.71
23	0.20	1.50	1.27	1.81	0.93	1.41	1.23	1.77	NA	NA	1.43	2.15
24	0.78	1.49	1.39	1.99	1.09	1.65	1.18	1.67	NA	NA	0.99	1.66
25	1.42	2.12	1.41	2.00	1.25	1.95	1.13	1.61	NA	NA	1.23	1.72
26	1.05	2.13	0.89	1.53	1.39	2.17	1.41	1.86	NA	NA	1.43	2.26
27	0.03	1.43	0.79	1.33	0.95	1.75	1.65	2.20	1.11	1.84	1.63	2.78
28	1.28	1.76	1.02	1.41	1.20	2.16	1.13	1.95	1.38	1.82	1.21	1.90
29	1.41	1.90	0.77	1.58	1.01	1.57	1.31	1.84	0.99	1.58	0.89	1.24
30	1.44	1.97	0.70	1.45	1.05	1.54	1.23	1.77	1.31	1.85	0.92	1.33
31	NA	NA	1.12	2.44	NA	NA	1.38	1.93	1.46	1.86	NA	NA

Appendix 3. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J. --Daily minimum and maximum tidal-water level, October 1992 - November 1993--Continued

Day	Daily minimum and maximum tidal-water level			
	October 1993		November 1993	
	Min	Max	Min	Max
01408160 Metedeconk River near Laurelton				
1	1.06	1.71	NA	NA
2	1.29	1.95	NA	NA
3	1.05	1.54	NA	NA
4	1.03	1.59	NA	NA
5	0.44	1.23	1.11	1.80
6	0.67	1.20	1.18	1.63
7	0.69	1.21	0.89	1.32
8	0.53	0.97	0.73	1.18
9	0.69	1.90	0.68	1.10
10	0.70	1.49	0.60	1.17
11	0.83	1.51	0.87	1.72
12	1.33	2.19	0.89	1.69
13	1.34	2.11	0.70	1.49
14	1.09	1.73	1.13	1.64
15	1.25	1.80	1.19	1.63
16	1.23	1.79	0.72	1.29
17	1.26	1.92	0.94	1.54
18	1.40	1.92	0.65	1.47
19	1.01	1.67	1.09	1.71
20	1.29	1.82	0.77	1.89
21	1.64	2.64	0.39	0.87
22	0.64	1.65	0.16	0.57
23	0.38	0.82	0.16	0.68
24	0.61	1.49	0.51	1.15
25	0.59	1.02	0.31	1.08
26	0.66	1.44	0.82	1.24
27	1.12	2.51	0.74	2.00
28	1.85	2.40	NA	NA
29	1.67	2.08	NA	NA
30	NA	NA	NA	NA
31	NA	NA	NA	NA

Appendix 4. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Daily minimum and maximum temperature from measurements by fixed monitors, October 1992 - January 1994

[Values of temperature are presented for the stations and periods listed below. Values are in degrees Celsius and rounded to the nearest 0.5 degree. USGS, U.S. Geological Survey; Min, daily minimum; Max, daily maximum; NA, not available or not applicable]

Index number (fig. 2)	USGS station number	USGS station name	Period of operation	Location in cross section	Approximate depth of measurement, in feet
5	01408155	Metedeconk River at Laurelton	October 1992 - January 1994	Left channel at Route 70, mid-depth	3
9	01408160	Metedeconk River near Laurelton	October 1992 - December 1993	Left bank near surface, and	1
				left bank near bottom	6

Appendix 4. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.
--Daily minimum and maximum temperature from measurements by fixed monitors, October 1992 - January 1994--Continued

Day	Daily minimum and maximum temperature											
	October 1992		November 1992		December 1992		January 1993		February 1993		March 1993	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
	01408155 Metedeconk River at Laurelton, left channel at Route 70, mid-depth											
1	11.5	16.5	9.5	11.5	6.5	7.5	NA	NA	NA	NA	1.0	3.5
2	11.0	17.5	9.5	10.5	6.0	8.5	1.5	5.0	NA	NA	2.5	5.5
3	13.0	18.5	10.0	12.5	5.0	7.0	3.0	4.5	0.5	1.5	3.5	6.0
4	14.5	17.0	11.5	13.0	4.0	6.0	4.5	8.5	1.0	2.5	3.5	5.0
5	13.5	17.0	11.5	12.5	NA	NA	7.5	10.0	1.0	3.5	2.0	4.0
6	12.5	17.0	10.0	11.5	NA	NA	7.5	8.5	1.0	3.0	2.0	3.5
7	12.0	17.0	8.5	10.0	NA	NA	6.5	7.5	0.5	2.5	2.5	5.5
8	13.0	17.5	6.5	9.0	NA	NA	6.0	6.5	1.5	3.0	4.0	6.5
9	15.0	18.0	5.0	8.5	1.0	3.0	4.0	6.0	1.5	4.0	4.5	6.5
10	16.5	18.5	6.0	9.0	1.5	4.0	3.0	4.0	2.0	5.0	4.0	5.0
11	15.5	18.0	7.0	10.5	3.5	6.5	2.5	3.5	3.5	5.5	4.0	7.0
12	14.0	16.5	9.5	13.5	5.0	6.5	3.5	5.0	2.0	4.5	3.5	7.0
13	13.5	16.0	10.0	13.5	5.0	5.5	5.0	6.0	2.5	3.5	0.0	5.5
14	12.5	15.0	8.0	10.0	4.5	5.0	4.5	5.5	2.0	4.0	0.0	1.5
15	14.0	18.0	6.0	8.5	3.5	4.5	4.5	5.0	1.5	4.5	0.0	2.5
16	15.5	19.5	4.5	7.0	3.5	5.0	4.5	5.0	2.5	4.5	0.0	6.0
17	13.0	19.0	5.0	8.0	5.0	7.5	4.0	5.0	3.5	5.5	3.5	5.5
18	11.0	15.5	7.0	8.0	5.5	7.0	2.5	4.5	1.5	5.0	1.5	4.0
19	9.5	15.0	6.5	7.5	4.5	6.0	1.5	4.0	0.5	3.0	1.0	4.5
20	8.0	15.0	5.5	7.5	5.0	6.5	1.0	4.0	0.5	2.0	2.5	5.0
21	10.0	12.5	6.5	9.5	4.0	5.0	1.0	4.0	0.5	1.5	4.0	6.0
22	10.0	13.5	9.5	11.5	3.5	5.5	4.0	6.0	0.5	3.0	4.0	7.5
23	10.5	14.5	11.5	14.5	4.0	5.0	5.0	6.5	1.5	3.5	4.5	7.0
24	10.5	14.5	10.5	12.5	NA	NA	4.5	7.0	0.5	3.5	5.5	6.5
25	9.5	13.0	10.5	11.0	NA	NA	4.0	7.0	0.0	3.0	5.0	7.5
26	8.0	12.5	10.5	12.5	NA	NA	2.5	5.0	1.0	2.0	6.5	10.0
27	9.0	12.0	10.5	12.0	NA	NA	3.5	5.5	1.0	4.0	7.5	9.5
28	8.5	11.5	9.0	11.0	1.5	4.5	2.5	4.5	1.0	4.0	8.0	9.0
29	8.5	12.0	8.5	9.5	3.5	5.5	NA	NA	NA	NA	8.5	9.5
30	10.5	12.5	7.0	8.5	5.5	6.5	NA	NA	NA	NA	9.5	10.0
31	10.0	11.5	NA	NA	6.5	8.5	NA	NA	NA	NA	9.5	13.5

Appendix 4. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.
--Daily minimum and maximum temperature from measurements by fixed monitors, October 1992 - January 1994--Continued

Day	Daily minimum and maximum temperature											
	April 1993		May 1993		June 1993		July 1993		August 1993		September 1993	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
	01408155 Metedeconk River at Laurelton, left channel at Route 70, mid-depth											
1	10.0	11.0	15.0	19.0	17.5	21.0	24.5	28.0	26.5	28.0	26.0	29.0
2	8.5	10.0	16.0	20.5	17.0	21.0	23.0	27.5	26.5	28.5	26.0	29.0
3	7.5	9.0	16.0	20.0	17.0	21.0	22.0	26.0	26.5	28.5	26.0	27.5
4	6.5	9.0	16.0	18.5	17.5	21.0	23.0	28.0	27.5	29.0	25.5	27.5
5	6.5	10.0	16.0	19.0	17.0	20.5	24.5	29.0	25.5	28.0	24.0	27.0
6	7.5	10.0	17.0	21.0	16.0	19.5	26.0	29.0	22.0	27.5	24.0	27.5
7	7.0	12.5	17.5	21.5	16.5	20.5	26.0	29.0	20.5	23.0	23.5	27.5
8	8.0	12.5	16.5	20.5	18.0	22.0	27.5	30.0	20.5	24.5	22.5	26.5
9	9.5	13.0	16.5	22.5	20.5	25.0	28.5	31.0	20.5	25.0	23.5	26.5
10	11.0	12.5	18.5	23.0	22.0	25.5	29.5	31.5	21.0	25.0	21.5	26.0
11	10.5	14.5	18.0	23.0	22.0	26.0	29.0	31.0	22.5	26.0	19.5	23.5
12	10.0	14.5	20.0	23.0	21.0	24.5	28.0	30.5	23.5	27.5	19.0	23.0
13	10.5	14.0	18.5	22.0	22.0	25.0	28.5	31.5	24.0	27.0	19.5	24.0
14	11.5	14.5	17.5	20.5	20.0	26.0	26.0	30.0	24.0	28.0	20.5	25.0
15	12.5	14.5	19.0	22.0	20.5	26.0	23.5	27.0	25.0	28.0	22.5	25.0
16	13.5	14.5	19.0	22.0	22.0	26.5	22.5	26.5	26.0	28.0	21.0	25.0
17	13.5	16.0	19.0	22.0	23.0	27.5	22.5	28.0	22.0	27.0	19.5	22.5
18	12.0	16.0	15.5	21.5	24.5	28.5	25.0	28.0	22.0	23.0	18.5	22.0
19	12.5	16.5	15.0	19.0	25.5	28.5	21.5	28.0	21.0	25.0	17.5	21.0
20	13.5	17.0	15.0	19.0	24.5	27.5	21.0	24.5	22.0	25.5	16.0	20.0
21	15.0	18.5	13.5	18.5	24.0	27.0	22.0	24.5	22.0	25.0	16.0	20.5
22	12.0	17.5	14.0	18.5	23.0	27.0	21.0	25.5	22.0	25.5	16.5	19.0
23	10.5	12.0	14.0	19.0	20.5	25.5	21.0	26.0	22.0	26.5	17.0	20.0
24	9.5	16.0	16.5	20.5	21.0	25.0	22.0	26.0	23.0	26.5	16.5	20.5
25	12.0	17.5	18.5	22.0	22.0	26.5	23.5	26.5	23.0	27.0	18.0	20.5
26	14.5	17.5	19.0	22.0	23.0	27.5	23.5	26.5	24.5	28.5	18.0	20.5
27	12.5	17.5	17.5	21.5	23.5	26.5	23.0	26.0	26.5	30.0	19.0	20.5
28	12.5	17.0	18.5	22.0	25.5	28.5	24.5	28.0	28.0	29.5	16.5	19.0
29	12.5	17.0	19.0	22.0	25.5	27.5	26.0	28.0	26.5	29.0	15.5	18.0
30	14.0	18.0	16.5	22.5	24.5	27.5	27.0	28.0	26.0	29.0	13.5	15.5
31	NA	NA	19.5	22.0	NA	NA	26.5	27.5	25.5	29.0	NA	NA

Appendix 4. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.
--Daily minimum and maximum temperature from measurements by fixed monitors, October 1992 - January 1994--Continued

Day	Daily minimum and maximum temperature							
	October 1993		November 1993		December 1993		January 1994	
	Min	Max	Min	Max	Min	Max	Min	Max
	01408155 Metedeconk River at Laurelton, left channel at Route 70, mid-depth							
1	13.0	17.0	8.0	12.0	NA	NA	0.0	1.5
2	13.5	18.0	7.0	10.0	NA	NA	1.0	3.0
3	15.0	18.5	7.0	8.5	NA	NA	1.5	2.0
4	13.0	18.5	7.0	10.0	NA	NA	1.0	2.0
5	13.5	18.0	8.0	10.5	NA	NA	0.0	2.0
6	12.0	17.5	9.5	11.0	NA	NA	0.0	2.0
7	12.5	18.0	7.5	9.5	NA	NA	1.5	2.0
8	14.5	17.5	6.5	10.0	NA	NA	0.0	2.5
9	15.5	20.0	NA	NA	NA	NA	0.0	1.0
10	13.0	19.0	NA	NA	NA	NA	0.0	1.0
11	11.0	17.0	NA	NA	NA	NA	0.0	1.5
12	13.0	16.5	NA	NA	NA	NA	1.0	2.0
13	11.5	14.5	NA	NA	NA	NA	1.5	3.0
14	11.0	12.5	NA	NA	NA	NA	1.5	2.5
15	11.5	14.0	NA	NA	NA	NA	0.0	1.5
16	11.5	14.5	NA	NA	NA	NA	0.0	0.5
17	12.5	15.0	NA	NA	5.5	6.5	0.0	0.5
18	14.0	15.5	NA	NA	4.5	7.0	0.0	0.5
19	13.0	16.0	NA	NA	5.0	7.5	0.0	0.0
20	14.0	15.5	NA	NA	5.0	7.5	0.0	0.0
21	14.5	17.0	NA	NA	5.5	7.0	0.0	0.5
22	13.0	16.0	NA	NA	4.0	5.5	0.0	0.5
23	11.5	14.5	NA	NA	3.0	4.0	0.0	0.5
24	10.5	14.0	NA	NA	2.0	3.5	0.0	1.5
25	11.0	15.5	NA	NA	2.0	3.5	0.5	1.5
26	12.0	12.5	NA	NA	0.0	2.5	0.5	1.5
27	12.5	14.5	NA	NA	0.0	0.5	0.5	1.0
28	13.5	14.5	NA	NA	0.0	0.5	0.5	2.0
29	11.5	14.5	NA	NA	0.0	0.5	0.5	1.5
30	11.0	14.5	NA	NA	0.0	0.5	0.5	1.5
31	10.5	13.0	NA	NA	0.0	1.0	0.0	2.0

Appendix 4. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.
--Daily minimum and maximum temperature from measurements by fixed monitors, October 1992 - January 1994--Continued

Day	Daily minimum and maximum temperature											
	October 1992		November 1992		December 1992		January 1993		February 1993		March 1993	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
	01408160 Metedeconk River near Laurelton, left bank near surface											
1	14.5	16.0	11.0	12.0	7.5	8.5	NA	NA	NA	NA	0.5	2.5
2	14.0	17.0	10.5	11.5	7.0	8.5	1.5	4.5	NA	NA	1.5	3.5
3	15.0	18.0	10.5	12.0	7.0	9.5	2.0	4.0	-0.5	2.5	3.0	4.5
4	16.0	17.0	11.5	13.0	5.0	7.0	3.5	7.5	1.5	3.0	3.5	4.5
5	15.5	16.5	12.0	12.5	NA	NA	7.0	9.0	NA	NA	3.5	3.5
6	15.0	16.0	10.5	12.0	NA	NA	6.5	7.5	1.0	2.5	3.0	3.5
7	15.0	17.5	9.5	11.5	NA	NA	7.0	8.0	-0.5	1.0	3.0	5.0
8	15.0	17.5	8.5	10.5	NA	NA	6.0	7.5	0.5	3.0	4.0	8.0
9	16.0	17.5	7.5	9.5	1.5	2.5	3.5	6.0	NA	NA	4.0	5.0
10	17.0	18.5	7.5	10.0	1.0	4.0	1.5	3.5	1.5	4.5	4.0	4.5
11	17.5	18.5	8.5	12.0	4.0	6.0	1.5	4.0	2.5	4.0	4.0	5.5
12	16.5	18.0	10.5	12.0	5.0	6.0	2.5	3.5	2.5	3.5	3.5	6.0
13	16.0	17.5	10.0	13.0	5.0	6.0	3.5	5.0	2.5	3.0	1.5	5.0
14	16.0	17.0	9.0	12.0	4.5	5.0	4.0	4.5	2.5	3.5	0.5	2.5
15	16.5	19.0	7.5	10.5	NA	NA	4.0	5.0	2.0	4.0	NA	NA
16	17.5	20.0	6.0	8.5	5.0	5.5	3.5	4.5	3.0	4.0	NA	NA
17	15.5	19.0	5.5	8.5	5.5	7.0	4.0	5.5	2.0	4.5	NA	NA
18	14.0	16.0	7.5	8.5	5.0	6.5	4.0	5.0	2.0	4.5	NA	NA
19	12.5	15.0	6.0	8.0	5.5	6.5	NA	NA	0.5	2.5	NA	NA
20	11.0	12.5	5.0	7.0	6.0	6.5	NA	NA	0.0	2.5	3.0	6.0
21	11.5	14.0	5.5	9.0	2.0	6.0	NA	NA	1.0	2.0	3.5	6.0
22	11.0	13.5	8.5	11.5	1.5	6.0	3.5	5.0	1.0	2.5	4.5	6.0
23	11.0	13.5	9.5	12.5	5.0	6.0	4.5	5.5	2.0	3.0	3.0	6.0
24	12.0	15.0	10.5	11.0	NA	NA	3.5	6.0	0.5	2.0	5.5	6.5
25	11.0	14.0	10.5	11.0	NA	NA	4.0	6.0	-1.0	2.0	5.0	8.5
26	10.0	11.5	10.5	11.5	NA	NA	NA	NA	-0.5	2.0	7.0	11.5
27	10.5	12.0	10.0	11.0	NA	NA	3.5	4.5	0.0	1.5	8.0	10.5
28	10.0	12.0	9.5	10.5	1.0	4.0	2.5	5.0	1.0	2.0	9.0	9.5
29	10.5	13.5	9.5	11.0	2.5	5.0	NA	NA	NA	NA	9.0	10.5
30	12.0	13.0	8.0	10.5	2.0	6.0	NA	NA	NA	NA	8.5	10.5
31	11.0	12.0	NA	NA	3.5	6.0	NA	NA	NA	NA	8.5	13.0

Appendix 4. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.
--Daily minimum and maximum temperature from measurements by fixed monitors, October 1992 - January 1994--Continued

Day	Daily minimum and maximum temperature											
	April 1993		May 1993		June 1993		July 1993		August 1993		September 1993	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
	01408160 Metedeconk River near Laurelton, left bank near surface											
1	10.5	12.0	15.5	19.0	19.0	20.5	25.5	29.0	25.5	27.5	28.5	29.5
2	9.0	10.5	16.5	19.0	18.5	21.0	24.5	27.0	26.5	28.0	27.0	29.0
3	7.5	9.5	17.0	18.5	19.5	21.5	23.5	26.0	27.5	30.5	26.0	29.0
4	6.5	8.5	17.0	18.5	19.5	21.0	25.0	28.5	27.0	30.0	26.5	27.0
5	7.0	9.5	16.5	19.5	19.0	20.0	26.0	28.5	25.5	27.0	25.5	27.5
6	8.0	9.5	17.0	19.0	18.0	19.0	26.0	28.5	24.0	26.5	25.5	28.0
7	7.0	10.5	18.0	20.0	17.0	20.0	27.5	30.5	23.0	24.5	25.5	27.5
8	8.5	12.0	18.0	20.0	19.0	21.5	28.5	31.5	22.5	26.0	25.0	26.5
9	10.5	12.5	18.5	21.5	20.5	24.5	29.0	31.5	25.0	27.0	25.0	26.5
10	11.5	12.5	19.0	21.0	22.0	23.5	29.0	31.5	25.5	27.5	23.5	25.5
11	9.5	11.5	20.0	22.5	22.5	24.5	29.0	31.0	25.5	28.0	21.0	23.5
12	9.5	12.0	20.5	23.0	22.0	25.0	29.0	31.0	25.5	28.0	20.5	22.5
13	10.0	13.0	19.0	21.0	22.0	25.5	29.0	31.0	26.5	28.0	20.0	23.0
14	11.0	13.0	18.0	21.0	23.5	27.0	29.0	30.5	26.5	28.5	21.0	24.5
15	12.0	14.5	18.0	21.0	23.5	26.0	27.0	29.5	27.0	29.0	22.5	26.0
16	13.0	14.5	20.5	22.0	24.5	27.0	26.0	29.0	26.5	28.5	21.5	24.5
17	13.0	14.5	20.5	22.0	24.5	27.5	25.5	28.0	25.0	27.0	20.5	22.0
18	12.0	14.0	19.0	21.5	25.5	27.5	25.0	27.5	24.0	25.5	20.0	21.0
19	13.0	15.5	17.5	19.5	26.0	29.5	25.0	26.5	24.5	27.0	18.0	21.0
20	14.0	16.0	17.0	19.0	26.0	27.0	NA	NA	25.0	26.5	16.5	19.0
21	15.0	18.0	17.0	19.0	NA	NA	24.5	26.0	24.5	26.0	17.5	19.0
22	13.5	16.5	16.5	18.5	24.0	26.5	23.5	26.0	23.5	26.0	18.5	19.5
23	10.0	13.5	15.5	19.0	22.5	24.0	23.5	26.5	24.0	27.0	19.0	20.5
24	10.0	14.0	17.5	20.5	21.0	24.5	24.5	27.0	25.5	26.5	18.5	21.0
25	12.0	16.0	19.5	22.0	23.5	26.0	25.5	27.5	25.5	28.5	19.5	21.0
26	14.5	16.0	19.5	21.0	23.5	26.0	25.0	27.0	27.0	30.0	19.5	21.5
27	12.0	14.5	19.0	21.0	25.0	26.5	24.5	27.0	27.5	31.5	20.0	22.0
28	13.0	15.0	18.5	22.5	24.5	28.5	25.5	28.5	27.5	30.5	18.5	20.5
29	13.5	16.5	20.0	21.5	25.0	27.0	26.5	29.0	27.0	29.5	17.5	20.0
30	15.0	18.0	18.0	22.0	25.5	27.5	26.0	28.0	27.0	29.5	16.5	19.5
31	NA	NA	19.5	20.5	NA	NA	24.5	27.0	27.5	29.5	NA	NA

Appendix 4. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.
--Daily minimum and maximum temperature from measurements by fixed monitors, October 1992 - January 1994--Continued

Day	Daily minimum and maximum temperature							
	October 1993		November 1993		December 1993		January 1994	
	Min	Max	Min	Max	Min	Max	Min	Max
	01408160 Metedeconk River near Laurelton, left bank near surface							
1	15.0	18.5	9.5	12.0	6.0	7.5	NA	NA
2	16.5	19.0	8.5	10.0	6.5	8.0	NA	NA
3	16.0	18.5	8.5	10.5	8.0	8.5	NA	NA
4	15.0	18.5	NA	NA	7.0	8.5	NA	NA
5	15.5	17.5	9.5	11.0	8.5	9.0	NA	NA
6	14.0	17.5	10.0	11.0	7.5	8.5	NA	NA
7	15.5	19.5	8.5	10.5	8.5	9.0	NA	NA
8	15.5	18.5	8.5	10.0	8.5	9.0	NA	NA
9	17.5	20.0	8.5	10.5	8.5	9.0	NA	NA
10	15.5	18.0	5.5	10.0	8.5	9.5	NA	NA
11	14.0	15.5	8.5	11.0	7.0	9.5	NA	NA
12	13.5	14.5	9.5	11.0	4.0	7.0	NA	NA
13	13.0	15.0	9.5	10.5	NA	NA	NA	NA
14	11.0	13.5	10.5	12.0	NA	NA	NA	NA
15	12.5	15.0	12.0	14.0	NA	NA	NA	NA
16	14.0	15.5	12.0	13.5	NA	NA	NA	NA
17	15.0	16.0	12.0	13.0	NA	NA	NA	NA
18	14.5	16.0	10.5	13.0	NA	NA	NA	NA
19	13.0	15.5	11.5	12.0	NA	NA	NA	NA
20	14.5	15.0	8.5	12.0	NA	NA	NA	NA
21	15.0	17.0	5.5	9.5	NA	NA	NA	NA
22	14.0	16.0	4.0	10.0	NA	NA	NA	NA
23	12.0	16.0	4.5	9.5	NA	NA	NA	NA
24	13.0	15.5	8.5	10.0	NA	NA	NA	NA
25	13.0	16.0	6.5	10.0	NA	NA	NA	NA
26	14.0	15.5	6.0	8.5	NA	NA	NA	NA
27	13.5	14.5	6.0	8.5	NA	NA	NA	NA
28	13.0	14.5	8.5	10.5	NA	NA	NA	NA
29	12.0	14.0	8.5	9.5	NA	NA	NA	NA
30	12.0	14.5	7.0	9.5	NA	NA	NA	NA
31	11.5	12.5	NA	NA	NA	NA	NA	NA

Appendix 4. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.
--Daily minimum and maximum temperature from measurements by fixed monitors, October 1992 - January 1994--Continued

Day	Daily minimum and maximum temperature											
	October 1992		November 1992		December 1992		January 1993		February 1993		March 1993	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
	01408160 Metedeconk River near Laurelton, left bank near bottom											
1	14.5	16.5	11.5	13.0	8.5	11.0	4.5	5.5	1.0	3.0	1.5	2.0
2	16.0	17.0	10.5	13.0	9.0	11.0	4.5	5.5	-1.0	1.5	2.0	2.5
3	15.5	17.5	10.5	11.5	8.0	11.0	4.0	5.0	1.5	2.5	2.5	4.0
4	16.5	17.5	11.5	12.0	7.0	8.5	4.5	6.0	2.0	3.0	3.5	4.0
5	15.5	16.5	12.0	12.0	4.5	7.5	5.5	7.5	2.0	3.0	3.0	3.5
6	15.5	16.5	12.0	12.0	3.0	4.5	6.0	8.0	1.5	2.5	3.0	3.5
7	16.0	17.0	12.0	12.5	3.0	4.0	6.5	7.5	1.0	2.5	3.0	4.0
8	16.5	17.5	10.5	12.5	3.0	4.0	6.5	7.0	1.5	2.5	3.0	4.0
9	17.0	17.5	10.5	12.0	3.5	5.5	4.5	8.0	NA	NA	3.5	5.0
10	17.0	18.0	10.0	12.0	2.5	5.5	4.5	6.5	2.5	3.5	4.5	5.0
11	17.5	18.0	10.0	11.5	3.5	6.0	3.5	6.5	3.0	4.0	4.0	5.0
12	18.0	18.0	10.5	12.0	5.5	6.0	4.0	6.5	2.5	3.5	4.5	5.5
13	18.0	18.0	12.0	13.0	6.0	6.5	4.5	5.0	2.5	3.0	2.0	5.0
14	17.0	18.0	11.0	12.0	6.0	6.5	4.0	5.0	2.0	3.0	0.5	2.5
15	17.0	18.0	8.5	11.5	NA	NA	4.5	5.0	3.0	3.5	0.0	2.0
16	17.5	19.0	7.5	9.5	6.0	6.5	5.0	5.5	3.0	3.5	1.0	3.0
17	16.5	18.5	8.0	10.0	6.0	6.5	5.0	5.5	3.0	4.5	1.0	2.5
18	16.0	17.0	8.0	8.5	6.0	6.5	4.0	5.5	2.5	4.5	1.0	3.0
19	13.0	16.5	7.5	8.5	6.5	7.0	3.5	5.0	1.0	3.0	1.0	3.0
20	13.0	15.0	7.0	9.0	6.5	7.0	3.5	5.0	2.5	3.5	2.5	3.0
21	12.5	14.5	8.0	9.5	6.5	7.0	3.0	4.5	2.5	3.0	2.5	3.0
22	12.5	14.0	8.0	8.5	6.0	7.0	3.5	4.5	2.0	3.0	3.0	4.0
23	13.0	14.5	8.5	10.0	6.5	7.0	4.0	5.5	2.0	3.0	3.5	5.5
24	13.0	14.5	9.5	10.5	4.0	7.0	4.5	6.0	1.0	2.0	5.0	5.5
25	11.5	14.5	10.5	10.5	3.0	4.5	5.0	6.0	0.5	2.0	5.0	5.5
26	10.5	11.5	10.0	10.5	2.0	4.0	3.5	5.5	0.5	1.5	5.0	5.5
27	11.5	12.0	10.0	11.0	1.0	2.5	3.5	5.0	1.0	2.0	5.0	8.0
28	11.5	12.0	11.0	11.5	1.0	2.0	4.5	5.0	1.0	2.0	6.5	8.5
29	12.0	13.0	11.0	12.0	2.0	3.0	3.0	5.0	NA	NA	6.0	7.5
30	12.0	13.0	10.0	12.0	3.0	4.5	2.0	4.0	NA	NA	6.0	6.5
31	12.5	13.0	NA	NA	4.0	5.0	2.5	3.5	NA	NA	6.5	8.5

Appendix 4. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.
--Daily minimum and maximum temperature from measurements by fixed monitors, October 1992 - January 1994--Continued

Day	Daily minimum and maximum temperature											
	April 1993		May 1993		June 1993		July 1993		August 1993		September 1993	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
	01408160 Metedeconk River near Laurelton, left bank near bottom											
1	7.0	11.0	12.0	14.5	19.0	20.5	25.0	28.0	26.0	27.5	27.0	28.0
2	8.0	10.5	13.0	18.5	19.0	20.5	24.5	26.5	26.5	28.0	27.0	29.0
3	7.0	8.0	16.5	18.0	17.5	20.5	23.0	24.5	26.5	28.0	26.0	27.5
4	7.0	7.5	16.5	17.5	17.0	20.0	23.0	27.0	26.5	28.0	25.5	27.0
5	7.5	8.5	16.0	17.0	18.0	19.5	25.0	28.0	25.5	27.0	26.5	27.5
6	7.0	9.0	15.0	16.5	17.0	18.5	26.0	28.0	24.5	26.5	26.5	27.5
7	8.0	9.0	15.0	20.0	17.0	18.5	26.0	29.0	23.5	24.5	26.5	27.0
8	7.5	8.5	16.0	19.0	17.0	21.0	26.5	29.5	23.5	25.5	25.5	27.0
9	7.5	9.0	15.5	19.0	18.0	21.0	27.0	30.0	24.0	25.5	25.0	26.0
10	8.0	9.5	16.5	21.0	18.5	23.5	28.5	31.0	24.0	26.5	24.0	25.5
11	7.5	9.5	17.5	20.5	22.0	25.0	29.5	31.0	25.0	27.0	22.0	24.5
12	8.5	10.5	17.5	21.5	23.5	24.5	29.0	30.5	25.0	27.0	21.0	22.5
13	9.5	12.0	18.0	20.0	23.5	25.5	29.5	31.0	25.0	26.0	21.0	22.5
14	10.5	13.0	18.5	20.5	23.5	26.0	29.0	30.5	25.5	27.0	22.0	23.5
15	11.0	12.5	19.0	21.0	23.5	25.5	28.5	29.5	25.5	29.0	22.0	24.5
16	11.0	13.5	20.0	21.5	24.0	27.0	27.0	29.0	26.5	27.5	22.0	24.0
17	12.0	14.0	20.0	22.0	25.0	27.0	26.5	27.0	25.5	27.0	21.0	22.0
18	12.0	14.0	19.5	21.0	25.5	27.5	25.5	27.5	25.5	26.5	19.0	21.5
19	13.5	15.0	18.5	20.0	25.0	27.0	25.0	26.5	24.5	26.0	18.5	19.5
20	14.0	16.0	17.5	18.5	25.5	26.5	NA	NA	23.5	24.5	19.0	20.0
21	14.5	16.0	15.5	17.5	NA	NA	24.0	24.5	23.5	26.0	19.0	20.0
22	13.5	16.0	15.5	17.5	21.0	23.5	24.5	25.0	25.0	26.0	19.0	20.0
23	11.5	13.5	16.0	18.5	21.5	24.0	24.5	25.5	25.0	26.0	19.0	19.5
24	11.0	12.5	17.5	20.0	23.0	24.5	24.5	27.0	24.5	26.0	19.0	20.0
25	10.5	14.5	17.5	20.5	22.5	25.5	25.5	27.0	25.0	27.0	19.5	20.5
26	10.5	14.5	18.5	21.0	23.0	25.5	25.5	27.0	25.5	30.0	19.5	20.5
27	11.0	14.5	20.0	20.5	24.0	26.0	24.5	25.5	26.0	28.5	20.0	21.0
28	11.0	14.0	20.0	21.5	25.0	27.0	25.0	27.0	26.0	28.5	20.0	21.0
29	11.0	12.5	20.0	21.0	25.0	27.0	25.5	27.0	27.0	29.0	19.5	20.5
30	11.5	13.0	19.5	21.5	25.5	27.0	25.5	27.0	27.5	29.5	19.0	20.5
31	NA	NA	19.5	21.0	NA	NA	25.5	26.5	27.0	29.0	NA	NA

Appendix 4. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.
--Daily minimum and maximum temperature from measurements by fixed monitors, October 1992 - January 1994--Continued

Day	Daily minimum and maximum temperature							
	October 1993		November 1993		December 1993		January 1994	
	Min	Max	Min	Max	Min	Max	Min	Max
	01408160 Metedeconk River near Laurelton, left bank near bottom							
1	17.5	19.5	10.0	13.0	7.0	9.5	NA	NA
2	17.5	18.5	9.0	10.5	7.0	10.0	NA	NA
3	17.5	18.5	9.5	10.0	8.5	9.5	NA	NA
4	17.0	18.5	NA	NA	8.5	9.5	NA	NA
5	16.0	18.0	10.0	10.5	8.5	9.5	NA	NA
6	16.5	17.5	10.5	11.0	9.0	9.0	NA	NA
7	16.0	17.5	10.5	11.0	8.5	9.0	NA	NA
8	16.5	18.0	10.5	11.5	9.0	9.5	NA	NA
9	17.0	19.0	10.5	11.5	9.0	9.5	NA	NA
10	16.5	18.0	10.0	11.5	9.0	9.5	NA	NA
11	14.0	16.5	10.5	12.0	7.0	9.5	NA	NA
12	14.0	14.5	10.0	11.0	4.5	7.0	NA	NA
13	13.5	14.5	10.0	11.0	NA	NA	NA	NA
14	13.0	14.5	10.5	11.0	NA	NA	NA	NA
15	13.5	14.0	11.0	13.0	NA	NA	NA	NA
16	14.0	14.5	12.0	13.5	NA	NA	NA	NA
17	14.0	14.5	12.5	13.0	NA	NA	NA	NA
18	14.0	15.0	12.0	13.0	NA	NA	NA	NA
19	15.0	15.5	11.0	12.0	NA	NA	NA	NA
20	14.5	15.5	10.0	12.5	NA	NA	NA	NA
21	15.0	16.0	9.0	10.5	NA	NA	NA	NA
22	15.0	16.0	9.0	10.0	NA	NA	NA	NA
23	15.0	16.0	9.0	10.5	NA	NA	NA	NA
24	15.0	16.0	10.0	10.5	NA	NA	NA	NA
25	14.5	16.0	8.0	10.0	NA	NA	NA	NA
26	14.0	16.0	8.0	9.0	NA	NA	NA	NA
27	13.5	14.5	7.0	8.5	NA	NA	NA	NA
28	14.0	14.5	8.5	10.0	NA	NA	NA	NA
29	14.5	15.0	9.5	10.5	NA	NA	NA	NA
30	13.5	15.0	8.5	10.0	NA	NA	NA	NA
31	12.5	13.5	NA	NA	NA	NA	NA	NA

Appendix 5. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Daily minimum and maximum specific conductance from measurements by fixed monitors, October 1992 - January 1994

[Values of specific conductance are presented for the stations and periods listed below. Values are in microsiemens per centimeter at 25 degrees Celsius and rounded to the nearest hundred. USGS, U.S. Geological Survey; Min, daily minimum; Max, daily maximum; NA, not available or not applicable]

Index number (fig. 2)	USGS station number	USGS station name	Period of operation	Location in cross section	Approximate depth of measurement, in feet
5	01408155	Metedeconk River at Laurelton	October 1992 - January 1994	Left channel at Route 70, mid-depth	3
9	01408160	Metedeconk River near Laurelton	October 1992 - December 1993	Left bank near surface, and	1
				left bank near bottom	6

Appendix 5. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.
--Daily minimum and maximum specific conductance from measurements by fixed monitors, October 1992 - January 1994--Continued

Day	Daily minimum and maximum specific conductance											
	October 1992		November 1992		December 1992		January 1993		February 1993		March 1993	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
	01408155 Metedeconk River at Laurelton, left channel at Route 70, mid-depth											
1	900	32,700	700	18,300	400	2,200	NA	NA	NA	NA	6,400	40,500
2	1,200	33,400	700	11,000	400	29,200	100	100	NA	NA	800	40,700
3	1,400	18,500	200	6,400	800	30,000	100	900	400	21,800	1,100	38,400
4	900	24,900	200	1,100	800	8,800	100	6,800	200	24,100	100	28,800
5	400	29,200	100	2,200	NA	NA	100	4,900	400	34,800	100	200
6	2,200	29,000	200	2,600	NA	NA	100	100	200	29,100	100	100
7	2,000	26,800	200	2,300	NA	NA	100	1,000	3,600	31,800	100	100
8	1,600	20,700	200	16,500	NA	NA	100	1,200	1,300	34,600	100	100
9	1,800	30,500	700	23,600	200	14,900	100	100	600	36,200	100	2,200
10	2,000	18,400	800	30,600	500	16,600	100	200	400	28,500	100	9,400
11	1,700	28,900	600	28,500	1,000	28,000	100	6,700	300	33,100	100	23,300
12	1,200	18,900	700	19,400	100	1,200	200	6,700	100	1,700	200	29,700
13	900	3,900	1,100	27,500	100	100	200	700	200	31,900	100	13,300
14	800	28,100	400	2,600	100	100	100	2,000	200	300	100	15,000
15	700	32,900	400	7,700	100	2,400	100	4,900	200	8,700	100	200
16	1,100	32,200	300	3,200	100	500	100	2,300	100	4,200	100	200
17	2,000	14,500	400	19,800	100	1,700	100	22,100	100	200	100	200
18	1,600	23,200	400	2,500	100	100	300	1,900	100	100	100	200
19	1,400	34,100	400	9,000	100	100	200	4,400	100	100	100	100
20	3,000	35,700	500	9,700	100	100	100	4,700	100	100	100	100
21	2,300	28,600	500	4,300	100	100	100	6,000	100	5,400	100	100
22	1,900	23,600	600	24,700	100	400	100	4,100	100	23,500	100	100
23	1,300	35,400	600	8,800	100	4,500	100	2,000	200	35,200	100	100
24	3,100	33,500	300	26,800	NA	NA	100	17,600	200	9,300	100	100
25	2,700	37,000	200	3,800	NA	NA	100	600	100	5,100	100	100
26	2,800	37,800	200	1,200	NA	NA	100	400	100	5,100	100	100
27	1,800	23,600	200	2,700	NA	NA	100	1,800	100	4,300	100	100
28	1,200	34,900	200	2,000	100	200	500	23,100	100	26,600	100	100
29	900	31,700	200	3,200	100	1,000	NA	NA	NA	NA	100	100
30	1,100	30,000	400	2,700	100	500	NA	NA	NA	NA	100	100
31	800	3,400	NA	NA	100	2,300	NA	NA	NA	NA	100	100

Appendix 5. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.
--Daily minimum and maximum specific conductance from measurements by fixed monitors, October 1992 - January 1994--Continued

Day	Daily minimum and maximum specific conductance											
	April 1993		May 1993		June 1993		July 1993		August 1993		September 1993	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
	01408155 Metedeconk River at Laurelton, left channel at Route 70, mid-depth											
1	100	100	100	9,200	800	26,000	1,200	20,700	10,600	25,800	2,000	28,500
2	100	100	100	1,500	500	25,200	800	20,600	10,400	29,400	8,700	28,700
3	100	100	100	100	500	28,000	300	12,600	3,800	27,800	14,400	27,500
4	100	100	100	1,300	400	25,500	300	8,400	2,300	30,500	2,100	29,200
5	100	100	100	1,300	400	24,600	200	7,800	12,500	32,300	6,600	29,500
6	100	100	100	27,300	200	23,000	1,000	19,700	2,700	30,100	6,600	25,000
7	100	100	100	16,900	1,500	31,200	400	25,200	200	10,400	2,300	27,700
8	100	100	100	1,800	2,500	31,300	1,800	28,700	100	1,800	2,200	27,800
9	100	100	100	3,200	1,100	28,700	3,600	30,100	100	1,400	9,200	28,800
10	100	100	100	4,600	900	31,900	6,500	29,700	100	14,400	900	30,800
11	100	2,200	200	26,800	700	34,500	7,100	23,700	700	16,200	600	27,000
12	100	32,600	200	30,400	2,100	27,000	3,600	28,100	1,500	18,000	1,200	25,900
13	100	29,800	1,000	30,400	500	19,600	13,200	30,300	1,800	21,700	3,900	24,200
14	100	28,400	600	30,800	100	3,700	900	25,100	1,400	18,100	1,400	24,000
15	100	1,900	1,400	26,500	100	22,500	100	1,000	2,400	19,800	5,900	28,200
16	100	1,700	300	15,000	400	18,100	100	1,300	2,800	24,000	1,400	22,900
17	100	13,200	300	21,100	900	17,900	100	22,300	100	18,900	2,500	27,900
18	100	6,500	200	23,400	2,500	20,800	4,000	21,000	100	100	200	27,000
19	100	15,200	200	23,700	1,900	20,600	500	25,900	100	700	200	23,000
20	200	3,300	200	25,500	700	17,300	100	500	100	30,800	200	35,500
21	100	500	300	29,200	2,600	25,300	100	6,500	600	27,300	300	34,900
22	100	200	300	30,900	1,700	28,700	100	24,500	600	27,700	200	34,100
23	100	2,000	800	31,000	1,800	30,900	400	26,600	600	27,100	200	34,900
24	100	400	1,600	31,100	2,400	30,200	1,000	27,700	2,400	23,400	300	36,700
25	100	300	1,000	29,600	1,500	28,300	400	16,500	800	28,700	2,100	36,600
26	100	300	1,100	30,400	1,700	22,500	900	11,800	1,600	27,000	300	23,600
27	100	100	400	30,100	1,000	16,100	800	24,800	3,800	27,000	100	300
28	100	100	2,500	26,400	5,000	29,100	1,600	27,900	9,900	26,500	100	100
29	100	200	300	23,800	3,300	23,000	8,200	30,300	1,800	22,500	100	100
30	100	1,800	200	16,000	2,600	23,600	12,800	30,900	3,500	27,000	100	100
31	NA	NA	1,300	23,900	NA	NA	17,900	29,200	5,500	26,700	NA	NA

Appendix 5. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.
--Daily minimum and maximum specific conductance from measurements by fixed monitors, October 1992 - January 1994--Continued

Day	Daily minimum and maximum specific conductance							
	October 1993		November 1993		December 1993		January 1994	
	Min	Max	Min	Max	Min	Max	Min	Max
	01408155 Metedeconk River at Laurelton, left channel at Route 70, mid-depth							
1	100	14,500	200	31,100	NA	NA	100	5,000
2	100	23,500	100	200	NA	NA	100	7,600
3	200	28,100	100	4,600	NA	NA	200	8,600
4	1,300	32,300	100	32,300	NA	NA	200	27,200
5	300	28,600	300	33,400	NA	NA	300	2,500
6	800	28,400	200	36,000	NA	NA	200	300
7	400	26,000	100	8,100	NA	NA	200	200
8	300	22,500	100	30,500	NA	NA	200	400
9	600	25,600	NA	NA	NA	NA	300	300
10	1,300	29,300	NA	NA	NA	NA	300	300
11	2,800	29,800	NA	NA	NA	NA	300	300
12	2,900	29,000	NA	NA	NA	NA	200	400
13	100	4,200	NA	NA	NA	NA	200	2,800
14	100	18,900	NA	NA	NA	NA	300	26,800
15	100	24,500	NA	NA	NA	NA	200	3,800
16	100	23,500	NA	NA	NA	NA	200	200
17	100	29,400	NA	NA	28,600	39,900	200	300
18	400	39,000	NA	NA	2,500	39,400	200	300
19	1,900	38,500	NA	NA	4,300	41,500	200	200
20	400	34,600	NA	NA	3,200	40,800	200	200
21	600	30,500	NA	NA	800	22,200	200	200
22	100	600	NA	NA	200	1,400	200	200
23	100	200	NA	NA	100	200	200	200
24	100	9,200	NA	NA	100	100	200	200
25	100	100	NA	NA	100	12,100	200	300
26	100	900	NA	NA	100	13,000	200	17,600
27	100	29,000	NA	NA	200	6,100	500	18,600
28	1,600	40,300	NA	NA	100	3,700	200	13,200
29	2,300	39,000	NA	NA	100	4,500	200	200
30	500	37,300	NA	NA	100	7,000	200	200
31	300	33,600	NA	NA	100	5,200	100	200

Appendix 5. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.
--Daily minimum and maximum specific conductance from measurements by fixed monitors, October 1992 - January 1994--Continued

Day	Daily minimum and maximum specific conductance											
	October 1992		November 1992		December 1992		January 1993		February 1993		March 1993	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
	01408160 Metedeconk River at Laurelton, left bank near surface											
1	32,200	34,900	34,900	38,500	26,000	31,400	NA	NA	NA	NA	34,600	41,500
2	32,900	35,800	34,300	36,500	28,900	31,400	16,500	31,300	NA	NA	34,700	39,400
3	30,400	35,800	31,700	37,000	28,400	34,800	19,000	29,900	32,600	46,600	29,000	38,200
4	31,700	36,000	21,200	37,800	23,400	32,000	12,900	32,200	36,200	44,400	30,600	36,200
5	30,100	35,500	29,800	38,800	NA	NA	22,000	32,600	NA	NA	24,300	35,600
6	32,000	36,000	30,700	36,600	NA	NA	19,500	27,900	32,100	39,700	28,900	38,300
7	31,600	37,000	30,200	33,100	NA	NA	19,700	29,100	36,900	38,900	22,300	37,100
8	33,300	38,100	28,600	34,100	NA	NA	12,300	28,400	36,400	41,200	9,400	34,200
9	32,000	37,000	28,500	33,900	28,700	29,400	8,500	19,100	NA	NA	26,100	36,500
10	33,100	37,300	27,500	33,900	23,400	34,100	8,900	16,800	33,600	43,900	26,700	33,200
11	33,800	37,900	25,500	34,700	31,100	34,800	12,100	28,600	30,000	38,400	22,300	33,300
12	34,400	37,500	28,500	33,200	15,500	33,100	10,700	29,100	21,300	35,200	27,500	33,500
13	32,000	37,200	26,000	34,300	5,700	30,800	7,100	19,600	19,100	38,600	14,400	31,900
14	32,500	36,100	27,400	34,300	4,300	27,100	19,600	34,900	26,200	34,600	17,900	30,800
15	31,200	34,600	25,700	32,500	NA	NA	21,000	40,400	27,400	36,600	NA	NA
16	26,700	35,800	27,600	31,700	24,400	32,100	21,800	35,800	17,500	33,500	NA	NA
17	32,700	36,100	27,600	32,800	8,000	32,900	25,600	37,000	8,900	32,000	NA	NA
18	32,700	35,900	15,000	30,500	20,600	29,300	33,000	36,200	8,900	31,600	NA	NA
19	33,300	36,800	18,800	30,200	5,100	25,600	NA	NA	22,600	27,100	NA	NA
20	33,300	35,100	17,000	27,100	5,100	30,200	NA	NA	22,600	28,300	1,600	16,000
21	31,800	39,100	13,600	27,100	16,800	29,900	NA	NA	19,200	27,900	600	32,000
22	32,500	36,900	12,300	34,300	10,900	26,100	23,600	32,400	24,100	40,800	16,400	31,000
23	32,000	36,200	21,600	35,200	20,700	33,400	26,400	35,200	34,600	40,900	18,100	27,700
24	32,000	40,900	30,000	31,700	NA	NA	27,100	33,200	28,300	36,600	4,100	24,700
25	35,900	39,400	23,000	30,700	NA	NA	23,400	28,400	28,300	34,800	2,800	21,300
26	33,900	37,300	15,300	31,800	NA	NA	NA	NA	18,600	33,400	6,300	25,200
27	34,300	39,400	26,500	31,800	NA	NA	22,000	28,900	15,900	30,400	5,500	19,700
28	33,800	38,400	25,300	29,600	8,100	28,400	24,200	34,500	29,400	35,500	1,100	7,900
29	34,500	38,200	27,300	34,100	8,500	26,600	NA	NA	NA	NA	800	4,600
30	32,700	38,400	27,200	33,000	22,800	31,600	NA	NA	NA	NA	1,500	23,500
31	27,000	35,600	NA	NA	25,400	35,600	NA	NA	NA	NA	4,300	27,000

Appendix 5. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.
--Daily minimum and maximum specific conductance from measurements by fixed monitors, October 1992 - January 1994--Continued

Day	Daily minimum and maximum specific conductance											
	April 1993		May 1993		June 1993		July 1993		August 1993		September 1993	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
	01408160 Metedeconk River at Laurelton, left bank near surface											
1	2,800	10,200	16,100	29,800	26,200	30,200	28,800	32,200	29,200	32,500	25,000	32,200
2	2,000	7,100	19,500	28,300	25,000	32,200	28,400	30,300	27,100	32,500	26,000	31,500
3	1,300	27,700	17,600	22,300	24,000	32,000	25,500	31,300	28,100	32,800	23,600	33,700
4	16,600	21,200	10,700	18,900	26,400	31,400	29,100	31,600	28,200	33,300	27,000	34,300
5	13,200	19,000	7,200	26,000	23,100	29,700	28,800	31,500	31,200	32,900	28,900	33,600
6	7,600	16,900	9,200	29,700	24,400	33,400	27,000	31,400	29,600	32,600	28,900	32,800
7	3,000	11,800	23,200	28,700	27,300	31,900	27,900	32,700	25,000	31,500	28,300	32,100
8	5,500	18,200	19,900	26,500	29,000	32,400	30,000	33,000	23,000	30,000	25,500	31,600
9	5,200	13,200	16,700	29,300	28,800	34,200	30,500	33,000	21,700	28,200	28,000	32,400
10	4,900	15,000	24,400	29,500	26,200	34,300	29,100	32,600	19,800	26,600	23,600	34,200
11	13,800	29,300	23,000	30,200	31,300	33,300	30,400	32,400	20,900	26,300	26,500	33,200
12	24,800	29,200	26,400	29,600	30,800	32,800	27,200	32,000	21,100	28,300	25,700	32,500
13	24,600	28,700	25,700	30,100	29,100	32,200	27,200	31,200	25,400	28,100	25,300	32,000
14	20,900	27,700	23,100	29,700	24,800	31,800	24,800	31,000	24,900	30,500	24,900	32,100
15	15,300	25,700	22,700	30,300	18,100	32,900	23,400	27,400	27,000	31,400	25,900	32,200
16	15,700	26,400	21,900	31,200	27,000	33,000	22,200	26,800	27,800	31,900	26,000	32,600
17	12,700	26,400	25,500	29,700	25,700	29,800	23,500	29,300	15,000	30,400	24,100	31,100
18	16,700	22,100	24,400	28,700	23,800	30,200	28,300	29,700	10,100	26,400	23,400	31,500
19	17,000	22,600	21,800	28,500	23,500	30,100	26,600	30,200	11,700	25,000	29,000	38,800
20	15,700	23,400	19,900	28,600	26,500	29,200	NA	NA	21,400	34,400	30,100	35,900
21	13,500	23,500	25,400	32,200	NA	NA	27,300	31,900	29,600	34,300	30,800	35,500
22	10,600	20,200	27,200	32,900	27,400	32,400	26,900	30,700	27,400	32,500	29,600	36,600
23	12,900	19,600	27,900	31,300	31,500	32,900	28,900	31,400	27,000	31,700	30,600	37,600
24	15,100	19,700	28,000	31,400	28,500	32,400	30,000	31,800	27,500	32,900	30,200	38,400
25	12,100	21,600	21,300	32,600	25,600	33,000	26,600	31,700	23,300	33,500	27,700	35,500
26	5,500	21,600	26,500	31,800	25,300	33,100	29,600	32,100	26,400	32,600	25,100	35,500
27	15,400	19,300	25,000	30,000	30,400	34,200	20,600	31,900	26,100	33,000	18,600	35,300
28	12,900	19,400	24,000	30,000	28,200	32,800	29,200	32,600	29,300	33,800	14,900	33,200
29	11,000	23,000	23,700	30,800	30,200	32,900	27,300	31,600	28,900	33,600	NA	NA
30	11,200	26,000	25,100	29,400	29,400	32,700	28,300	32,000	29,200	32,800	NA	NA
31	NA	NA	26,000	31,000	NA	NA	29,300	32,100	27,000	32,300	NA	NA

Appendix 5. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.
--Daily minimum and maximum specific conductance from measurements by fixed monitors, October 1992 - January 1994--Continued

Day	Daily minimum and maximum specific conductance							
	October 1993		November 1993		December 1993		January 1994	
	Min	Max	Min	Max	Min	Max	Min	Max
	01408160 Metedeconk River at Laurelton, left bank near surface							
1	NA	NA	27,700	35,300	30,000	35,200	NA	NA
2	24,300	34,000	23,000	30,600	28,200	33,800	NA	NA
3	27,600	34,000	23,000	33,700	29,600	35,800	NA	NA
4	26,800	33,800	NA	NA	30,000	35,200	NA	NA
5	26,300	32,800	28,100	35,000	28,900	37,000	NA	NA
6	24,700	31,100	25,700	36,600	28,100	33,900	NA	NA
7	17,900	33,000	32,300	34,100	29,500	38,500	NA	NA
8	11,900	31,300	22,500	33,900	21,700	36,700	NA	NA
9	26,200	34,000	16,000	32,900	29,700	36,100	NA	NA
10	32,600	34,600	17,700	34,200	28,500	36,000	NA	NA
11	29,000	33,200	26,300	34,700	33,800	37,500	NA	NA
12	28,200	32,900	24,700	38,300	32,200	35,900	NA	NA
13	26,600	33,800	25,600	36,900	NA	NA	NA	NA
14	18,300	30,400	23,900	36,200	NA	NA	NA	NA
15	24,600	35,700	26,800	36,600	NA	NA	NA	NA
16	27,000	35,400	30,500	35,100	NA	NA	NA	NA
17	22,500	34,500	23,600	34,300	NA	NA	NA	NA
18	27,100	40,200	26,900	37,000	NA	NA	NA	NA
19	32,800	36,900	28,200	34,600	NA	NA	NA	NA
20	31,900	33,700	30,000	37,200	NA	NA	NA	NA
21	27,900	34,000	19,600	34,400	NA	NA	NA	NA
22	24,000	32,300	8,400	36,600	NA	NA	NA	NA
23	17,600	30,200	23,400	36,100	NA	NA	NA	NA
24	14,400	31,600	28,100	35,900	NA	NA	NA	NA
25	21,500	31,700	27,500	35,900	NA	NA	NA	NA
26	23,600	29,600	20,200	34,300	NA	NA	NA	NA
27	25,100	31,800	20,200	34,500	NA	NA	NA	NA
28	28,900	38,600	30,700	37,300	NA	NA	NA	NA
29	29,700	36,700	29,600	35,500	NA	NA	NA	NA
30	25,900	37,300	27,100	36,000	NA	NA	NA	NA
31	20,900	33,700	NA	NA	NA	NA	NA	NA

Appendix 5. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.
--Daily minimum and maximum specific conductance from measurements by fixed monitors, October 1992 - January 1994--Continued

Day	Daily minimum and maximum specific conductance											
	October 1992		November 1992		December 1992		January 1993		February 1993		March 1993	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
	01408160 Metedeconk River at Laurelton, left bank near bottom											
1	34,400	36,800	36,800	42,100	33,800	39,100	31,500	38,700	32,000	35,700	40,400	42,900
2	35,400	39,200	35,100	40,800	33,800	38,700	31,500	34,800	30,900	41,700	41,600	42,900
3	35,300	39,900	35,600	39,600	32,500	39,400	32,500	33,600	41,700	46,400	35,900	42,800
4	33,900	36,900	38,800	41,100	32,900	35,800	31,700	36,200	39,600	46,300	33,400	37,800
5	34,500	35,700	39,800	41,100	29,700	35,100	30,400	36,500	36,300	41,500	33,200	36,800
6	35,600	43,600	36,700	41,000	27,900	32,600	29,800	36,100	36,000	39,900	36,600	39,600
7	43,000	44,700	36,800	39,900	28,200	32,900	30,700	36,500	38,500	43,200	37,500	39,800
8	40,200	44,200	35,800	39,600	30,400	33,300	35,600	37,100	43,100	45,800	36,500	39,700
9	37,600	43,800	36,700	38,700	32,300	40,100	21,200	36,400	NA	NA	30,700	39,200
10	39,300	43,800	33,800	38,900	32,600	40,700	20,500	31,800	44,000	45,400	31,100	35,000
11	39,500	42,800	38,300	39,400	32,700	37,000	29,300	37,300	34,100	45,200	32,200	40,800
12	37,200	42,600	34,900	39,000	33,400	36,800	37,100	38,200	33,100	39,000	30,800	40,000
13	38,900	41,800	31,400	36,800	35,800	36,900	32,100	37,800	36,400	43,600	29,300	32,400
14	34,200	40,000	33,800	36,600	35,400	36,600	36,600	37,900	29,600	43,200	21,900	38,900
15	36,800	39,400	31,200	36,000	NA	NA	37,600	40,900	35,300	37,800	20,800	33,100
16	37,000	39,500	30,700	34,300	35,100	35,800	38,200	40,900	31,700	38,300	20,000	32,300
17	34,100	39,500	33,900	36,600	34,500	36,100	38,900	41,000	25,400	38,100	29,400	32,800
18	35,100	37,400	31,100	36,200	29,300	36,200	34,200	40,700	26,200	34,100	21,800	30,900
19	34,200	38,200	30,700	34,200	28,700	35,500	33,500	39,200	25,700	33,800	14,400	26,000
20	35,100	40,500	29,400	35,100	31,000	37,000	33,000	38,900	33,400	40,200	24,200	40,700
21	40,200	42,300	31,600	37,300	34,400	37,700	32,200	36,000	35,900	40,800	38,400	40,700
22	37,900	42,200	37,300	39,300	34,200	37,900	30,300	38,300	38,200	41,900	37,500	40,900
23	39,600	42,000	36,900	39,700	36,600	38,500	33,100	40,600	35,600	43,000	24,400	40,100
24	40,800	42,500	31,700	39,600	30,700	39,100	29,400	38,200	30,600	37,300	23,800	37,900
25	37,400	41,100	31,900	37,300	30,900	35,400	26,300	34,400	32,500	36,800	26,600	38,400
26	35,700	39,300	35,400	39,400	29,900	35,200	27,800	33,800	33,300	35,500	35,500	38,000
27	38,000	40,100	38,700	40,700	28,800	32,400	28,000	37,200	31,400	34,100	30,100	37,000
28	38,700	40,400	35,300	40,400	29,700	31,700	36,900	40,800	33,800	42,400	25,300	34,700
29	40,100	41,100	37,800	40,600	31,700	37,900	33,900	40,600	NA	NA	28,900	35,800
30	40,700	42,100	34,300	40,500	37,200	38,900	30,300	36,800	NA	NA	34,000	36,000
31	38,200	41,700	NA	NA	37,400	39,000	28,900	35,200	NA	NA	31,100	35,700

Appendix 5. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.
--Daily minimum and maximum specific conductance from measurements by fixed monitors, October 1992 - January 1994--Continued

Day	Daily minimum and maximum specific conductance											
	April 1993		May 1993		June 1993		July 1993		August 1993		September 1993	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
	01408160 Metedeconk River at Laurelton, left bank near bottom											
1	10,800	34,600	33,700	37,600	26,700	32,500	26,200	34,900	31,600	34,300	35,500	38,400
2	17,900	31,200	24,200	36,400	28,700	33,700	28,300	33,300	31,600	34,900	29,300	35,800
3	24,700	34,500	22,400	30,400	31,300	36,500	29,300	36,500	34,300	36,000	34,000	38,400
4	26,600	31,500	28,100	30,300	32,100	37,200	32,500	36,800	34,200	36,700	34,100	39,400
5	20,200	29,100	29,200	32,100	28,700	36,500	31,000	35,100	32,700	35,000	33,300	37,300
6	13,100	28,300	31,500	34,400	30,400	36,600	32,700	35,500	30,000	34,200	26,200	35,200
7	13,200	20,200	26,700	34,100	28,400	37,300	33,800	37,100	29,000	33,500	32,600	34,700
8	20,200	34,500	25,100	34,600	26,300	37,300	31,700	37,200	26,000	33,600	32,300	35,000
9	30,100	34,500	31,800	36,700	32,400	38,500	31,300	36,700	31,600	34,300	33,400	38,200
10	31,200	34,300	27,700	36,100	30,800	38,300	33,400	35,400	29,700	34,500	35,300	39,700
11	32,300	35,300	30,000	36,400	27,700	35,300	32,800	34,400	28,800	34,100	30,900	38,400
12	29,000	35,200	29,800	36,900	26,100	32,800	32,900	34,300	30,700	33,800	30,900	34,300
13	27,000	33,100	33,900	36,400	27,400	32,200	31,800	34,400	33,100	35,100	29,900	34,000
14	25,700	32,200	28,500	36,000	29,100	33,700	30,300	33,200	31,500	36,500	31,900	34,600
15	27,300	33,000	29,900	35,200	28,300	34,200	29,500	32,800	29,200	36,200	31,300	35,000
16	23,900	33,100	29,800	34,900	29,600	34,000	29,200	33,100	30,600	36,500	29,700	34,500
17	25,700	32,600	27,600	34,200	28,500	32,700	30,300	33,300	31,200	36,500	29,700	32,800
18	20,600	31,500	24,800	32,500	27,000	31,600	29,900	31,900	28,400	36,000	31,300	43,000
19	21,200	24,500	23,500	30,200	29,500	32,000	28,800	34,600	32,100	39,600	40,200	44,300
20	22,500	26,100	24,300	34,800	27,100	31,100	NA	NA	38,500	42,200	35,800	43,100
21	22,100	24,700	27,400	37,000	NA	NA	35,300	37,300	32,700	42,500	40,800	42,600
22	18,400	25,400	28,100	37,500	32,900	39,100	34,300	36,700	32,000	38,100	40,800	42,700
23	17,800	21,900	28,000	36,800	31,000	39,100	33,100	35,900	30,900	36,900	40,500	42,400
24	19,200	24,200	26,100	35,400	31,600	35,300	31,500	35,600	35,200	38,700	38,900	42,300
25	20,800	32,400	26,900	35,300	32,000	37,500	30,600	34,000	34,500	38,600	36,700	41,700
26	23,300	33,800	26,900	35,100	32,500	37,700	31,200	32,900	32,900	37,500	34,200	40,400
27	16,800	33,600	24,900	32,900	32,800	36,700	30,800	34,300	34,600	37,100	34,100	40,200
28	20,500	37,100	22,700	31,100	32,300	34,700	32,600	35,400	31,800	36,800	32,900	39,200
29	34,900	37,800	27,500	32,400	30,800	34,600	31,200	35,600	30,100	36,500	29,900	37,400
30	35,100	37,800	25,000	31,400	29,800	33,800	33,400	35,700	30,200	34,800	30,600	36,000
31	NA	NA	27,300	31,600	NA	NA	31,800	35,800	33,200	37,700	NA	NA

Appendix 5. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.
--Daily minimum and maximum specific conductance from measurements by fixed monitors, October 1992 - January 1994--Continued

Day	Daily minimum and maximum specific conductance							
	October 1993		November 1993		December 1993		January 1994	
	Min	Max	Min	Max	Min	Max	Min	Max
	01408160 Metedeconk River at Laurelton, left bank near bottom							
1	34,600	38,600	35,100	47,300	32,800	38,000	NA	NA
2	34,800	39,700	36,000	39,800	32,100	39,200	NA	NA
3	34,100	39,500	39,200	43,100	38,700	40,400	NA	NA
4	31,400	36,100	NA	NA	38,400	40,200	NA	NA
5	29,300	34,800	36,900	41,000	30,500	40,100	NA	NA
6	30,100	34,900	38,300	41,600	35,100	38,200	NA	NA
7	32,900	38,700	36,200	41,300	35,800	39,300	NA	NA
8	34,600	39,200	35,200	40,800	36,400	38,400	NA	NA
9	33,700	37,900	35,700	39,100	36,000	38,600	NA	NA
10	34,700	39,700	35,200	39,200	34,900	38,500	NA	NA
11	32,500	39,900	37,900	40,300	34,500	38,800	NA	NA
12	30,300	36,700	38,400	41,700	32,900	35,600	NA	NA
13	36,600	43,000	36,000	39,500	NA	NA	NA	NA
14	33,000	42,900	36,400	41,000	NA	NA	NA	NA
15	40,000	42,600	36,300	41,600	NA	NA	NA	NA
16	38,600	42,800	33,400	41,100	NA	NA	NA	NA
17	41,300	43,100	37,900	41,400	NA	NA	NA	NA
18	41,400	43,500	34,000	41,500	NA	NA	NA	NA
19	35,100	43,300	34,100	39,800	NA	NA	NA	NA
20	33,600	41,000	32,400	40,900	NA	NA	NA	NA
21	33,500	40,200	34,900	37,200	NA	NA	NA	NA
22	32,700	41,200	35,500	36,600	NA	NA	NA	NA
23	34,100	40,000	32,700	36,200	NA	NA	NA	NA
24	33,100	37,000	33,600	35,900	NA	NA	NA	NA
25	31,600	36,500	32,000	36,300	NA	NA	NA	NA
26	27,400	35,800	32,900	39,000	NA	NA	NA	NA
27	27,900	41,400	31,700	39,400	NA	NA	NA	NA
28	39,300	45,100	32,900	40,100	NA	NA	NA	NA
29	39,900	44,700	38,200	40,400	NA	NA	NA	NA
30	37,800	44,700	35,000	40,100	NA	NA	NA	NA
31	35,100	40,300	NA	NA	NA	NA	NA	NA

Appendix 6. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Daily minimum and maximum values of water-quality characteristics from measurements by movable monitors, November 1992 - January 1994

[Monitors were deployed at the stations listed below for the indicated periods. USGS, U.S. Geological Survey; Min, daily minimum; Max, daily maximum; NA, not available or not applicable]

Index number (fig. 2)	USGS station number	USGS station name	Periods of deployment (year/month/day)	Location in cross section	Approximate depth of measurement, in feet
3	400412074082600	Metedeconk River near Bricktown	93/08/31-93/09/10 93/09/22-93/10/19 93/10/21-93/11/17 93/12/02-94/01/29	In channel, near bottom	5
4	400405074080600	Metedeconk River at Laurelton Gardens	92/11/19-92/11/29 92/12/15-92/12/19 93/01/21-93/01/28 93/02/04-93/02/08 93/03/02-93/03/15 93/04/08-93/04/22 93/04/22-93/05/20 93/05/20-93/06/03 93/06/08-93/06/21 93/07/01-93/07/20 93/07/28-93/08/11 93/08/11-93/08/26 93/09/29-93/10/19	Edge of channel, near bottom	1
9	01408160	Metedeconk River near Laurelton	93/07/01-93/07/07 93/09/10-93/09/15 93/11/04-93/11/15	Left bank near surface; and left bank near bottom	1 6

Appendix 6. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Daily minimum and maximum values of water-quality characteristics from measurements by movable monitors, November 1992 - January 1994--Continued

The following characteristics were measured. Intervals between measurements were 15, 30, or 60 minutes. Days with partial records are included.

Characteristic	Unit	Rounding
Temperature	Degrees Celsius	0.5
Specific conductance	Microsiemens per centimeter at 25 degrees Celsius	100
pH	Standard units	0.1
Dissolved-oxygen concentration	Milligrams per liter	0.1

Appendix 6. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Daily minimum and maximum values of water-quality characteristics from measurements by movable monitors, November 1992 - January 1994--Continued

Date year/month/day	Daily minimum and maximum							
	Temperature		Specific conductance		pH		Dissolved-oxygen concentration	
	Min	Max	Min	Max	Min	Max	Min	Max
400412074082600 Metedeconk River near Bricktown, in channel, near bottom								
93/08/31	24.0	24.5	100	100	6.3	6.5	7.3	8.4
93/09/01	23.0	24.5	100	100	6.0	6.3	4.8	7.9
93/09/02	23.5	24.5	100	100	6.0	6.2	4.2	7.1
93/09/03	23.0	24.5	100	5,800	5.9	6.3	3.8	6.7
93/09/04	23.5	25.5	100	10,300	5.8	6.4	3.2	6.3
93/09/05	22.5	24.0	100	100	6.0	6.2	4.8	7.6
93/09/06	21.5	23.5	100	100	6.1	6.3	5.2	7.7
93/09/07	21.5	23.0	100	100	6.0	6.2	5.0	7.6
93/09/08	21.5	22.0	100	100	6.1	6.3	5.6	7.5
93/09/09	21.0	24.5	100	16,400	6.1	6.7	4.0	7.9
93/09/10	21.0	24.5	100	17,100	5.9	6.7	2.8	5.3
93/09/22	17.0	17.0	100	100	NA	NA	NA	NA
93/09/23	16.5	17.5	100	100	NA	NA	NA	NA
93/09/24	17.0	18.5	100	100	NA	NA	NA	NA
93/09/25	16.0	17.5	100	100	NA	NA	NA	NA
93/09/26	16.5	19.0	100	100	NA	NA	NA	NA
93/09/27	19.0	19.5	100	100	NA	NA	NA	NA
93/09/28	17.0	19.0	100	100	NA	NA	NA	NA
93/09/29	16.0	17.0	100	100	NA	NA	NA	NA
93/09/30	14.0	16.0	100	100	NA	NA	NA	NA
93/10/01	13.5	15.0	100	100	NA	NA	NA	NA
93/10/02	13.0	15.5	100	100	NA	NA	NA	NA
93/10/03	14.5	16.0	100	100	NA	NA	NA	NA
93/10/04	13.5	15.5	100	100	NA	NA	NA	NA
93/10/05	13.5	15.5	100	100	NA	NA	NA	NA
93/10/06	12.5	14.5	100	100	NA	NA	NA	NA
93/10/07	12.5	15.0	100	100	NA	NA	NA	NA
93/10/08	14.5	16.0	100	100	NA	NA	NA	NA
93/10/09	15.0	18.0	100	13,200	NA	NA	NA	NA
93/10/10	13.0	16.5	100	1,000	NA	NA	NA	NA
93/10/11	12.0	13.0	100	100	NA	NA	NA	NA
93/10/12	12.0	13.0	100	100	NA	NA	NA	NA
93/10/13	12.0	13.0	100	100	NA	NA	NA	NA
93/10/14	11.0	11.5	100	100	NA	NA	NA	NA
93/10/15	11.5	13.0	100	100	NA	NA	NA	NA
93/10/16	11.5	13.5	100	100	NA	NA	NA	NA
93/10/17	12.5	13.5	100	100	NA	NA	NA	NA
93/10/18	13.5	15.5	100	100	NA	NA	NA	NA
93/10/19	13.0	14.0	100	200	NA	NA	NA	NA

Appendix 6. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Daily minimum and maximum values of water-quality characteristics from measurements by movable monitors, November 1992 - January 1994--Continued

Date year/month/day	Daily minimum and maximum							
	Temperature		Specific conductance		pH		Dissolved-oxygen concentration	
	Min	Max	Min	Max	Min	Max	Min	Max
400412074082600 Metedeconk River near Bricktown, in channel, near bottom (continued)								
93/10/21	15.5	16.0	100	100	NA	NA	NA	NA
93/10/22	13.5	15.5	100	100	NA	NA	NA	NA
93/10/23	12.0	13.5	100	100	NA	NA	NA	NA
93/10/24	11.0	12.5	100	100	NA	NA	NA	NA
93/10/25	11.5	13.0	100	100	NA	NA	NA	NA
93/10/26	12.0	12.5	100	100	NA	NA	NA	NA
93/10/27	12.0	14.0	100	24,300	NA	NA	NA	NA
93/10/28	13.5	14.0	19,500	25,100	NA	NA	NA	NA
93/10/29	10.5	13.5	100	19,900	NA	NA	NA	NA
93/10/30	11.0	11.5	100	100	NA	NA	NA	NA
93/10/31	11.0	11.0	100	100	NA	NA	NA	NA
93/11/01	9.0	11.0	100	6,700	NA	NA	NA	NA
93/11/02	8.0	9.0	100	100	NA	NA	NA	NA
93/11/03	7.5	8.0	100	100	NA	NA	NA	NA
93/11/04	7.0	8.5	100	100	NA	NA	NA	NA
93/11/05	8.0	10.0	100	100	NA	NA	NA	NA
93/11/06	9.5	10.5	100	100	NA	NA	NA	NA
93/11/07	8.0	9.5	100	100	NA	NA	NA	NA
93/11/08	6.5	8.0	100	100	NA	NA	NA	NA
93/11/09	6.0	7.5	100	100	NA	NA	NA	NA
93/11/10	6.5	7.5	100	100	NA	NA	NA	NA
93/11/11	6.0	7.0	100	100	NA	NA	NA	NA
93/11/12	7.0	9.0	100	900	NA	NA	NA	NA
93/11/13	7.5	9.0	100	100	NA	NA	NA	NA
93/11/14	9.0	11.0	100	200	NA	NA	NA	NA
93/11/15	11.0	14.0	100	100	NA	NA	NA	NA
93/11/16	11.5	13.5	100	200	NA	NA	NA	NA
93/11/17	10.0	11.5	100	100	NA	NA	NA	NA
93/12/02	7.5	7.5	100	100	NA	NA	NA	NA
93/12/03	7.0	8.5	100	100	NA	NA	NA	NA
93/12/04	7.5	8.0	100	200	NA	NA	NA	NA
93/12/05	8.0	9.5	100	1,300	NA	NA	NA	NA
93/12/06	7.5	8.5	100	100	NA	NA	NA	NA
93/12/07	6.5	7.5	100	100	NA	NA	NA	NA
93/12/08	7.0	7.5	100	100	NA	NA	NA	NA
93/12/09	6.0	7.0	100	100	NA	NA	NA	NA
93/12/10	6.0	7.0	100	100	NA	NA	NA	NA
93/12/11	6.0	8.0	100	100	NA	NA	NA	NA
93/12/12	3.5	5.5	100	100	NA	NA	NA	NA
93/12/13	3.0	4.0	100	100	NA	NA	NA	NA

Appendix 6. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Daily minimum and maximum values of water-quality characteristics from measurements by movable monitors, November 1992 - January 1994--Continued

Date year/month/day	Daily minimum and maximum							
	Temperature		Specific conductance		pH		Dissolved-oxygen concentration	
	Min	Max	Min	Max	Min	Max	Min	Max
400412074082600 Metedeconk River near Bricktown, in channel, near bottom (continued)								
93/12/14	3.5	5.5	100	32,800	NA	NA	NA	NA
93/12/15	5.0	5.5	100	32,000	NA	NA	NA	NA
93/12/16	5.5	6.0	100	24,100	NA	NA	NA	NA
93/12/17	5.5	6.5	24,100	35,500	NA	NA	NA	NA
93/12/18	6.0	6.5	30,500	33,900	NA	NA	NA	NA
93/12/19	5.0	6.5	200	31,900	NA	NA	NA	NA
93/12/20	4.5	5.5	100	200	NA	NA	NA	NA
93/12/21	5.5	7.0	100	12,100	NA	NA	NA	NA
93/12/22	4.5	6.0	100	100	NA	NA	NA	NA
93/12/23	3.5	4.5	100	100	NA	NA	NA	NA
93/12/24	2.5	3.5	100	100	NA	NA	NA	NA
93/12/25	2.5	3.5	100	100	NA	NA	NA	NA
93/12/26	1.0	3.0	100	200	NA	NA	NA	NA
93/12/27	0.5	1.0	200	200	NA	NA	NA	NA
93/12/28	0.5	1.5	100	200	NA	NA	NA	NA
93/12/29	0.5	1.0	100	200	NA	NA	NA	NA
93/12/30	0.5	1.0	200	200	NA	NA	NA	NA
93/12/31	0.0	1.5	100	200	NA	NA	NA	NA
94/01/01	1.0	2.5	200	200	NA	NA	NA	NA
94/01/02	2.5	3.5	200	300	NA	NA	NA	NA
94/01/03	2.5	3.0	200	300	NA	NA	NA	NA
94/01/04	2.0	3.5	200	14,200	NA	NA	NA	NA
94/01/05	1.5	2.0	200	12,600	NA	NA	NA	NA
94/01/06	1.0	2.0	200	300	NA	NA	NA	NA
94/01/07	2.0	2.5	200	300	NA	NA	NA	NA
94/01/08	1.0	2.5	300	500	NA	NA	NA	NA
94/01/09	0.5	1.5	300	400	NA	NA	NA	NA
94/01/10	0.5	1.5	300	400	NA	NA	NA	NA
94/01/11	0.5	2.0	300	300	NA	NA	NA	NA
94/01/12	2.0	2.5	300	300	NA	NA	NA	NA
94/01/13	2.0	2.5	300	400	NA	NA	NA	NA
94/01/14	2.0	3.0	300	400	NA	NA	NA	NA
94/01/15	0.0	2.5	300	300	NA	NA	NA	NA
94/01/16	0.0	1.0	300	300	NA	NA	NA	NA
94/01/17	0.0	1.5	200	400	NA	NA	NA	NA
94/01/18	0.0	1.5	200	400	NA	NA	NA	NA
94/01/19	0.0	0.5	200	300	NA	NA	NA	NA
94/01/20	0.0	0.5	200	300	NA	NA	NA	NA
94/01/21	0.0	0.5	200	200	NA	NA	NA	NA
94/01/22	0.0	1.0	200	200	NA	NA	NA	NA
94/01/23	0.5	1.0	200	300	NA	NA	NA	NA
94/01/24	1.0	2.5	200	300	NA	NA	NA	NA

Appendix 6. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Daily minimum and maximum values of water-quality characteristics from measurements by movable monitors, November 1992 - January 1994--Continued

Date year/month/day	Daily minimum and maximum							
	Temperature		Specific conductance		pH		Dissolved-oxygen concentration	
	Min	Max	Min	Max	Min	Max	Min	Max
400412074082600 Metedeconk River near Bricktown, in channel, near bottom (continued)								
94/01/25	1.5	2.5	200	300	NA	NA	NA	NA
94/01/26	1.0	2.0	300	300	NA	NA	NA	NA
94/01/27	0.5	1.5	200	300	NA	NA	NA	NA
94/01/28	1.5	2.5	200	400	NA	NA	NA	NA
94/01/29	1.0	1.5	200	300	NA	NA	NA	NA
400405074080600 Metedeconk River at Laurelton Gardens, edge of channel, near bottom								
92/11/19	6.5	7.5	500	1,800	6.4	6.7	8.5	10.7
92/11/20	6.0	8.0	500	9,400	6.5	7.0	8.7	11.0
92/11/21	6.5	9.5	200	2,300	6.5	6.6	9.6	11.3
92/11/22	9.0	11.0	200	2,100	6.4	6.7	6.8	10.9
92/11/23	11.0	15.0	200	12,100	6.4	6.9	8.1	10.0
92/11/24	11.0	12.5	100	11,200	6.3	6.8	7.2	9.6
92/11/25	10.5	11.0	100	600	6.1	6.4	8.8	9.8
92/11/26	10.5	12.0	100	200	6.1	6.3	8.9	9.4
92/11/27	10.5	12.0	100	300	6.1	6.3	8.2	9.1
92/11/28	9.0	11.0	100	300	6.1	6.2	8.9	9.9
92/11/29	8.5	9.5	100	600	6.2	6.3	9.4	10.1
92/12/15	4.5	5.0	100	200	NA	NA	NA	NA
92/12/16	3.5	5.5	100	200	NA	NA	NA	NA
92/12/17	5.5	8.0	100	200	NA	NA	NA	NA
92/12/18	6.0	7.5	200	200	NA	NA	NA	NA
92/12/19	5.0	6.0	200	200	NA	NA	NA	NA
93/01/21	4.0	5.0	200	200	NA	NA	NA	NA
93/01/22	5.0	6.5	100	200	NA	NA	NA	NA
93/01/23	5.0	6.5	100	200	NA	NA	NA	NA
93/01/24	4.0	7.5	100	200	NA	NA	NA	NA
93/01/25	4.0	7.0	200	400	NA	NA	NA	NA
93/01/26	1.0	6.5	200	200	NA	NA	NA	NA
93/01/27	3.0	5.5	100	200	NA	NA	NA	NA
93/01/28	2.0	4.5	200	200	NA	NA	NA	NA
93/02/04	0.0	3.0	100	500	NA	NA	NA	NA
93/02/05	0.5	4.5	200	600	NA	NA	NA	NA
93/02/06	0.5	3.0	200	800	NA	NA	NA	NA
93/02/07	0.5	3.0	300	4,400	NA	NA	NA	NA
93/02/08	2.0	3.5	700	1,600	NA	NA	NA	NA

Appendix 6. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Daily minimum and maximum values of water-quality characteristics from measurements by movable monitors, November 1992 - January 1994--Continued

Date year/month/day	Daily minimum and maximum							
	Temperature		Specific conductance		pH		Dissolved-oxygen concentration	
	Min	Max	Min	Max	Min	Max	Min	Max
400405074080600 Metedeconk River at Laurelton Gardens, edge of channel, near bottom (continued)								
93/03/02	3.0	5.5	300	700	NA	NA	NA	NA
93/03/03	4.0	6.5	200	300	NA	NA	NA	NA
93/03/04	4.0	6.5	200	300	NA	NA	NA	NA
93/03/05	3.0	4.0	100	200	NA	NA	NA	NA
93/03/06	2.0	4.0	200	200	NA	NA	NA	NA
93/03/07	2.5	7.0	100	200	NA	NA	NA	NA
93/03/08	4.5	7.5	100	200	NA	NA	NA	NA
93/03/09	4.5	6.5	100	200	NA	NA	NA	NA
93/03/10	3.5	6.0	100	200	NA	NA	NA	NA
93/03/11	4.0	7.0	100	200	NA	NA	NA	NA
93/03/12	2.0	8.0	200	300	NA	NA	NA	NA
93/03/13	0.5	5.5	100	5,600	NA	NA	NA	NA
93/03/14	0.0	2.0	500	12,200	NA	NA	NA	NA
93/03/15	0.0	4.5	300	600	NA	NA	NA	NA
93/04/08	11.5	12.5	100	100	6.1	6.5	10.1	10.7
93/04/09	9.5	12.5	100	100	6.0	6.1	9.7	10.5
93/04/10	11.0	12.0	100	100	6.1	6.2	9.5	9.9
93/04/11	11.0	14.0	100	100	6.0	6.3	9.1	10.1
93/04/12	10.5	14.5	100	1,400	6.1	6.4	9.4	10.0
93/04/13	10.5	15.0	100	700	6.2	6.5	9.7	10.3
93/04/14	12.0	14.5	100	300	6.1	6.3	8.9	10.0
93/04/15	12.0	14.5	100	100	5.9	6.2	8.6	9.9
93/04/16	13.0	14.5	100	200	5.8	6.4	7.7	9.7
93/04/17	13.5	16.0	100	200	5.8	6.4	8.2	9.5
93/04/18	11.5	16.5	100	100	5.8	6.4	8.7	10.3
93/04/19	12.0	17.0	100	6,100	6.0	6.8	8.4	9.9
93/04/20	13.5	17.5	100	300	5.9	6.4	7.4	9.4
93/04/21	14.5	18.5	100	100	5.6	6.4	6.9	9.7
93/04/22	15.0	16.5	100	100	6.0	6.3	7.5	9.1
93/04/22	12.0	15.0	100	100	NA	NA	NA	NA
93/04/23	10.0	11.5	100	100	NA	NA	NA	NA
93/04/24	9.5	15.0	100	100	NA	NA	NA	NA
93/04/25	11.5	17.5	100	100	NA	NA	NA	NA
93/04/26	15.0	17.5	100	100	NA	NA	NA	NA
93/04/27	12.0	18.5	100	100	NA	NA	NA	NA
93/04/28	12.0	17.0	100	100	NA	NA	NA	NA
93/04/29	12.5	17.0	100	100	NA	NA	NA	NA
93/04/30	13.5	18.0	100	100	NA	NA	NA	NA
93/05/01	14.5	19.5	100	100	NA	NA	NA	NA
93/05/02	15.5	19.5	100	100	NA	NA	NA	NA

Appendix 6. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Daily minimum and maximum values of water-quality characteristics from measurements by movable monitors, November 1992 - January 1994--Continued

Date year/month/day	Daily minimum and maximum							
	Temperature		Specific conductance		pH		Dissolved-oxygen concentration	
	Min	Max	Min	Max	Min	Max	Min	Max
400405074080600 Metedeconk River at Laurelton Gardens, edge of channel, near bottom (continued)								
93/05/03	15.5	19.5	100	100	NA	NA	NA	NA
93/05/04	15.5	18.5	100	100	NA	NA	NA	NA
93/05/05	15.5	18.5	100	100	NA	NA	NA	NA
93/05/06	16.5	22.0	100	100	NA	NA	NA	NA
93/05/07	17.5	21.0	100	200	NA	NA	NA	NA
93/05/08	16.5	20.5	100	100	NA	NA	NA	NA
93/05/09	16.0	22.5	100	100	NA	NA	NA	NA
93/05/10	18.0	22.5	100	100	NA	NA	NA	NA
93/05/11	17.5	23.5	100	100	NA	NA	NA	NA
93/05/12	19.5	24.0	100	2,100	NA	NA	NA	NA
93/05/13	18.5	21.5	200	800	NA	NA	NA	NA
93/05/14	16.5	21.0	100	600	NA	NA	NA	NA
93/05/15	17.0	21.5	100	12,200	NA	NA	NA	NA
93/05/16	17.5	21.5	200	300	NA	NA	NA	NA
93/05/17	18.5	22.5	100	3,200	NA	NA	NA	NA
93/05/18	15.0	20.0	100	300	NA	NA	NA	NA
93/05/19	14.5	16.0	100	100	NA	NA	NA	NA
93/05/20	14.5	15.0	100	100	NA	NA	NA	NA
93/05/20	15.0	16.0	100	700	6.2	6.4	7.3	9.1
93/05/21	13.5	17.5	100	15,100	6.1	6.7	4.3	9.3
93/05/22	14.0	18.5	200	900	6.1	6.7	7.9	9.3
93/05/23	14.0	20.5	200	5,900	6.3	6.7	7.5	9.9
93/05/24	16.0	21.5	200	10,400	6.2	6.9	6.9	9.5
93/05/25	18.0	22.5	100	1,600	6.2	6.5	5.6	9.4
93/05/26	18.0	22.5	100	900	6.2	6.9	7.0	10.0
93/05/27	17.0	21.0	200	2,500	6.2	6.7	6.4	9.6
93/05/28	17.0	22.0	200	500	6.2	6.7	6.4	9.8
93/05/29	18.5	22.5	200	900	6.3	6.8	6.8	9.1
93/05/30	15.5	22.0	100	8,800	6.4	6.8	7.2	10.0
93/05/31	17.5	20.5	400	18,900	6.2	7.1	5.8	8.4
93/06/01	17.0	21.5	600	15,700	6.3	6.9	5.5	9.2
93/06/02	16.5	20.5	300	9,200	6.2	6.7	6.4	9.4
93/06/03	16.5	21.0	200	600	6.2	6.4	7.0	8.9
93/06/08	18.0	22.5	200	600	NA	NA	NA	NA
93/06/09	19.0	25.5	100	4,600	NA	NA	NA	NA
93/06/10	20.5	26.5	100	2,000	NA	NA	NA	NA
93/06/11	21.5	26.0	200	1,100	NA	NA	NA	NA
93/06/12	20.0	25.5	100	700	NA	NA	NA	NA
93/06/13	19.5	25.5	100	200	NA	NA	NA	NA
93/06/14	19.0	26.0	100	100	NA	NA	NA	NA

Appendix 6. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Daily minimum and maximum values of water-quality characteristics from measurements by movable monitors, November 1992 - January 1994--Continued

Date year/month/day	Daily minimum and maximum							
	Temperature		Specific conductance		pH		Dissolved-oxygen concentration	
	Min	Max	Min	Max	Min	Max	Min	Max
400405074080600 Metedeconk River at Laurelton Gardens, edge of channel, near bottom (continued)								
93/06/15	20.5	25.0	100	11,000	NA	NA	NA	NA
93/06/16	21.0	27.0	200	4,400	NA	NA	NA	NA
93/06/17	21.5	27.0	200	7,600	NA	NA	NA	NA
93/06/18	22.5	28.0	200	12,900	NA	NA	NA	NA
93/06/19	23.0	29.0	300	3,200	NA	NA	NA	NA
93/06/20	22.0	26.5	200	5,300	NA	NA	NA	NA
93/06/21	22.5	25.5	200	2,100	NA	NA	NA	NA
93/07/01	25.0	28.0	300	5,800	NA	NA	NA	NA
93/07/02	22.0	25.5	100	6,300	NA	NA	NA	NA
93/07/03	21.0	26.0	200	1,400	NA	NA	NA	NA
93/07/04	22.0	28.5	100	1,000	NA	NA	NA	NA
93/07/05	23.5	29.5	100	3,100	NA	NA	NA	NA
93/07/06	24.5	29.0	100	2,500	NA	NA	NA	NA
93/07/07	25.0	30.0	100	500	NA	NA	NA	NA
93/07/08	26.0	30.5	200	900	NA	NA	NA	NA
93/07/09	27.0	31.5	300	4,300	NA	NA	NA	NA
93/07/10	27.0	31.5	500	10,400	NA	NA	NA	NA
93/07/11	27.0	30.5	900	15,300	NA	NA	NA	NA
93/07/12	26.0	29.5	400	3,000	NA	NA	NA	NA
93/07/13	26.5	31.0	600	12,100	NA	NA	NA	NA
93/07/14	24.5	29.0	200	2,600	NA	NA	NA	NA
93/07/15	23.5	28.0	100	300	NA	NA	NA	NA
93/07/16	22.0	27.5	100	100	NA	NA	NA	NA
93/07/17	21.5	26.5	100	11,000	NA	NA	NA	NA
93/07/18	22.5	27.5	1,200	13,100	NA	NA	NA	NA
93/07/19	21.0	26.5	300	12,500	NA	NA	NA	NA
93/07/20	21.0	21.0	100	400	NA	NA	NA	NA
93/07/28	24.5	28.0	200	16,000	NA	NA	NA	NA
93/07/29	24.5	28.5	400	14,400	NA	NA	NA	NA
93/07/30	25.5	28.0	600	16,600	NA	NA	NA	NA
93/07/31	23.0	27.5	700	16,900	NA	NA	NA	NA
93/08/01	23.5	27.5	600	11,500	NA	NA	NA	NA
93/08/02	24.0	29.0	400	17,600	NA	NA	NA	NA
93/08/03	24.5	28.5	300	4,700	NA	NA	NA	NA
93/08/04	24.5	28.5	300	3,300	NA	NA	NA	NA
93/08/05	23.5	26.5	700	3,400	NA	NA	NA	NA
93/08/06	20.5	25.5	200	3,800	NA	NA	NA	NA
93/08/07	20.0	22.5	100	300	NA	NA	NA	NA
93/08/08	20.0	24.5	100	200	NA	NA	NA	NA
93/08/09	20.0	25.0	100	100	NA	NA	NA	NA

Appendix 6. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Daily minimum and maximum values of water-quality characteristics from measurements by movable monitors, November 1992 - January 1994--Continued

Date year/month/day	Daily minimum and maximum							
	Temperature		Specific conductance		pH		Dissolved-oxygen concentration	
	Min	Max	Min	Max	Min	Max	Min	Max
400405074080600 Metedeconk River at Laurelton Gardens, edge of channel, near bottom (continued)								
93/08/10	20.5	25.5	100	200	NA	NA	NA	NA
93/08/11	21.0	24.5	200	200	NA	NA	NA	NA
93/08/11	24.0	26.5	100	700	NA	NA	NA	NA
93/08/12	21.5	26.0	200	5,000	NA	NA	NA	NA
93/08/13	22.0	25.5	200	10,600	NA	NA	NA	NA
93/08/14	22.5	26.5	300	10,200	NA	NA	NA	NA
93/08/15	23.5	28.0	400	9,800	NA	NA	NA	NA
93/08/16	24.5	27.5	300	9,800	NA	NA	NA	NA
93/08/17	21.5	25.0	100	3,200	NA	NA	NA	NA
93/08/18	21.5	23.0	100	100	NA	NA	NA	NA
93/08/19	21.0	24.5	100	100	NA	NA	NA	NA
93/08/20	21.0	25.5	100	25,800	NA	NA	NA	NA
93/08/21	21.5	24.5	300	3,300	NA	NA	NA	NA
93/08/22	21.0	25.0	200	8,900	NA	NA	NA	NA
93/08/23	21.0	26.0	200	19,900	NA	NA	NA	NA
93/08/24	21.5	26.0	200	18,100	NA	NA	NA	NA
93/08/25	22.5	26.5	200	16,900	NA	NA	NA	NA
93/08/26	23.0	25.5	300	1,300	NA	NA	NA	NA
93/09/29	15.5	18.5	100	100	NA	NA	NA	NA
93/09/30	13.5	15.5	100	100	NA	NA	NA	NA
93/10/01	12.5	17.0	100	100	NA	NA	NA	NA
93/10/02	13.0	17.0	100	5,200	NA	NA	NA	NA
93/10/03	14.5	17.5	100	400	NA	NA	NA	NA
93/10/04	13.0	17.5	100	21,800	NA	NA	NA	NA
93/10/05	13.0	16.5	200	700	NA	NA	NA	NA
93/10/06	11.5	16.0	100	300	NA	NA	NA	NA
93/10/07	12.0	18.0	100	300	NA	NA	NA	NA
93/10/08	14.0	17.5	100	200	NA	NA	NA	NA
93/10/09	14.5	19.5	100	22,600	NA	NA	NA	NA
93/10/10	13.5	19.0	1,200	16,800	NA	NA	NA	NA
93/10/11	10.5	15.0	1,000	14,800	NA	NA	NA	NA
93/10/12	12.5	13.5	300	4,800	NA	NA	NA	NA
93/10/13	11.5	14.5	100	300	NA	NA	NA	NA
93/10/14	11.0	12.5	100	200	NA	NA	NA	NA
93/10/15	11.5	14.0	100	200	NA	NA	NA	NA
93/10/16	11.5	14.5	100	100	NA	NA	NA	NA
93/10/17	12.5	14.5	100	2,200	NA	NA	NA	NA
93/10/18	13.5	16.5	100	35,800	NA	NA	NA	NA
93/10/19	13.0	16.0	300	34,000	NA	NA	NA	NA

Appendix 6. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Daily minimum and maximum values of water-quality characteristics from measurements by movable monitors, November 1992 - January 1994--Continued

Date year/month/day	Daily minimum and maximum							
	Temperature		Specific conductance		pH		Dissolved-oxygen concentration	
	Min	Max	Min	Max	Min	Max	Min	Max
01408160 Metedeconk River near Laurelton, left bank near surface								
93/07/01	26.7	28.0	29,300	30,300	8.0	8.2	7.5	9.6
93/07/02	24.5	26.5	28,800	30,200	7.8	8.0	6.3	7.5
93/07/03	24.0	25.5	26,100	31,700	7.5	8.0	5.5	8.8
93/07/04	25.0	27.5	30,000	31,500	7.7	8.1	6.8	10.0
93/07/05	26.0	28.0	29,500	31,900	7.4	7.9	4.6	8.4
93/07/06	26.0	28.0	27,600	31,800	7.2	7.7	4.9	7.4
93/07/07	27.5	29.5	27,200	32,500	7.3	7.7	3.3	7.2
93/09/10	23.5	25.5	29,200	33,100	7.6	8.2	6.5	8.8
93/09/11	21.5	23.5	31,000	34,000	7.5	8.2	5.1	9.9
93/09/12	21.0	22.5	30,400	33,400	7.8	8.4	6.5	10.9
93/09/13	20.5	23.0	25,300	33,000	7.5	8.4	5.2	11.2
93/09/14	21.0	24.5	23,800	32,900	7.6	8.3	4.7	10.5
93/09/15	22.5	24.0	25,200	33,100	7.7	8.1	4.8	7.6
93/11/04	10.0	10.5	30,900	35,300	8.0	8.2	9.2	10.1
93/11/05	9.0	11.0	25,600	35,100	7.8	8.2	9.1	9.8
93/11/06	10.0	11.0	29,400	36,500	8.0	8.1	8.6	9.3
93/11/07	8.5	10.0	31,200	34,800	8.0	8.1	8.6	9.1
93/11/08	8.5	10.0	25,700	34,600	7.8	8.1	8.7	9.7
93/11/09	8.5	10.0	11,600	33,500	7.3	8.2	9.2	10.3
93/11/10	8.0	10.0	25,800	34,800	8.0	8.2	9.6	10.8
93/11/11	8.5	10.5	28,200	34,000	8.1	8.2	10.1	10.9
93/11/12	9.0	11.0	27,200	38,900	8.0	8.2	8.6	10.5
93/11/13	9.5	10.5	35,800	37,400	8.1	8.2	9.0	10.2
93/11/14	10.5	12.0	31,800	37,600	8.1	8.2	9.0	10.4
93/11/15	12.0	13.5	27,200	37,400	8.0	8.2	8.7	9.8
01408160 Metedeconk River near Laurelton, left bank near bottom								
93/07/01	25.0	27.0	30,700	32,400	7.4	7.8	5.9	6.2
93/07/02	24.5	26.0	30,100	32,700	7.3	7.9	2.4	6.4
93/07/03	22.5	24.5	31,900	36,100	7.2	7.6	0.5	4.8
93/07/04	22.5	24.5	34,000	36,800	7.2	7.5	0.5	4.5
93/07/05	24.0	27.5	30,600	35,300	7.2	7.8	0.8	7.3
93/07/06	26.0	27.5	31,900	35,100	7.2	7.8	1.7	7.1
93/07/07	25.5	26.5	34,500	35,900	7.1	7.3	0.8	2.7
93/09/10	24.5	24.5	37,100	39,100	7.2	7.4	NA	NA
93/09/11	22.5	24.0	33,900	38,500	7.3	8.0	NA	NA
93/09/12	21.0	22.5	32,600	34,100	7.8	8.2	NA	NA
93/09/13	21.5	22.5	32,200	34,000	7.7	8.3	NA	NA

Appendix 6. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Daily minimum and maximum values of water-quality characteristics from measurements by movable monitors, November 1992 - January 1994--Continued

Date year/month/day	Daily minimum and maximum							
	Temperature		Specific conductance		pH		Dissolved-oxygen concentration	
	Min	Max	Min	Max	Min	Max	Min	Max
01408160 Metedeconk River near Laurelton, left bank near bottom (continued)								
93/09/14	21.5	23.5	33,000	34,500	7.3	8.1	NA	NA
93/09/15	22.0	22.5	33,900	34,900	7.3	7.7	NA	NA
93/11/04	10.0	10.5	37,100	40,300	NA	NA	7.4	10.2
93/11/05	10.5	11.0	40,000	41,800	NA	NA	5.8	8.0
93/11/06	10.5	11.0	41,000	42,300	NA	NA	5.4	7.1
93/11/07	11.0	11.0	39,600	42,200	NA	NA	6.0	7.5
93/11/08	10.5	11.5	37,100	41,400	NA	NA	5.3	7.8
93/11/09	11.0	12.0	37,400	40,800	NA	NA	5.3	8.5
93/11/10	10.5	12.0	36,900	40,100	NA	NA	5.6	9.8
93/11/11	10.5	12.0	39,900	41,100	NA	NA	5.4	8.1
93/11/12	10.0	10.5	40,000	42,900	NA	NA	6.3	10.1
93/11/13	10.0	11.0	37,300	42,700	NA	NA	8.3	10.2
93/11/14	10.5	11.0	38,100	41,700	NA	NA	6.7	9.2
93/11/15	11.0	12.0	41,000	42,700	NA	NA	6.9	8.7

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993

[Water-quality measurements were made at the stations listed below. USGS, U.S. Geological Survey; NA, not applicable or not available; >, greater than]

Index number (fig. 2)	USGS station number	USGS station name	Location of the channel in the cross section, in percent distance from left to right bank
3	400412074082600	Metedeconk River near Bricktown	95
4	400405074080600	Metedeconk River at Laurelton Gardens	5
5	01408155	Metedeconk River at Laurelton	25, 75 (two channels)
6	400353074074900	Metedeconk River 1,200 feet downstream from Route 70 at Laurelton	50
7	400343074073400	Metedeconk River 0.6 miles downstream from Route 70 at Laurelton	50
8	400337074071600	Metedeconk River 0.9 miles downstream from Route 70 near Laurelton	50
9	01408160	Metedeconk River near Laurelton	50
10	400313074055200	Metedeconk River at Eagle Point at Adamston	50
11	400314074044500	Metedeconk River at Metedeconk	50
12	400311074035200	Metedeconk River at West Mantoloking	50
13	01408168	Barnegat Bay at Mantoloking	NA
14	400337074033500	Barnegat Bay near Point Pleasant	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

The following information is presented:

Characteristic	Unit	Rounding
Date and time of measurement	NA	NA
Distance from left bank	Percent of distance from left to right bank	1
Sample depth	Feet	0.5
Total depth	Feet	0.5
Temperature	Degrees Celsius	0.5
pH	Standard units	0.1
Dissolved-oxygen concentration	Milligrams per liter	0.1
Dissolved-oxygen concentration as a percent of saturation	Percent	1
Barometric pressure	Millimeters of mercury	5
Specific conductance	Microsiemens per centimeter at 25 degrees Celsius	NA
Secchi-disk depth	Feet	0.5
Tidal-water level	Feet above the National Geodetic Vertical Datum of 1929	0.01

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
400412074082600 Metedeconk River near Bricktown												
92/10/15	1030	10	0.5	1.5	15.0	6.4	7.2	71	765	100	>1.5	NA
92/10/15	1820	10	1.5	1.5	18.5	6.6	8.2	87	765	100	>1.5	NA
92/10/15	1825	10	0.5	1.5	18.5	6.6	8.2	87	765	100	>1.5	NA
92/11/09	1545	10	0.5	1.0	9.0	6.3	9.7	82	775	600	NA	NA
93/01/14	0850	10	0.5	1.5	5.0	7.0	11.1	86	765	100	>1.5	NA
93/01/14	0851	10	1.5	1.5	5.0	7.0	11.5	89	765	100	>1.5	NA
93/06/08	1042	95	0.5	5.0	18.0	6.5	7.9	84	760	100	NA	NA
93/06/08	1043	95	4.5	5.0	18.0	6.5	7.9	83	760	100	NA	NA
93/06/08	1606	95	0.5	4.5	21.0	6.9	8.9	100	760	100	NA	NA
93/06/08	1607	95	4.0	4.5	20.5	6.9	8.9	100	760	100	NA	NA
93/06/21	0855	95	0.5	5.0	21.5	6.3	5.5	63	760	100	NA	NA
93/06/21	0856	95	1.5	5.0	NA	NA	5.4	NA	760	NA	NA	NA
93/06/21	0857	95	4.0	5.0	21.0	6.3	4.9	55	760	100	NA	NA
93/06/21	1445	95	0.5	5.0	24.5	6.2	6.9	83	760	100	NA	NA
93/06/21	1446	95	1.5	5.0	22.5	6.4	7.1	82	760	100	NA	NA
93/06/21	1447	95	4.5	5.0	22.0	6.4	6.9	79	760	100	NA	NA
93/07/08	0915	95	0.5	4.5	25.5	6.3	5.9	72	760	100	NA	NA
93/07/08	0916	95	3.5	4.5	25.0	6.3	5.9	72	760	100	NA	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
400412074082600 Metedeconk River near Bricktown (continued)												
93/07/20	0900	95	0.5	5.5	21.0	5.8	5.4	61	760	100	NA	NA
93/07/20	0901	95	5.0	5.5	21.0	5.8	5.5	62	760	100	NA	NA
93/07/20	1500	95	0.5	5.0	23.0	5.9	6.4	75	760	100	NA	NA
93/07/20	1501	95	4.5	5.0	23.0	5.9	6.6	77	760	100	NA	NA
93/07/20	1515	10	0.5	2.5	23.5	6.1	8.0	94	760	100	NA	NA
93/07/20	1516	10	1.5	2.5	23.5	6.0	8.1	95	760	100	NA	NA
93/08/03	1610	95	0.5	5.0	25.5	6.6	8.1	99	760	100	NA	NA
93/08/03	1611	95	4.5	5.0	25.5	6.6	7.7	95	760	100	NA	NA
93/08/03	1615	95	0.5	1.5	26.5	6.4	7.7	96	760	100	NA	NA
93/08/26	0900	95	0.5	5.0	23.0	6.3	5.9	69	765	100	>5.0	NA
93/08/26	0901	95	4.5	5.0	23.0	6.3	5.9	69	765	100	>5.0	NA
93/08/26	1435	10	0.5	1.5	29.5	7.3	11.3	148	765	100	NA	NA
93/08/26	1436	10	1.0	1.5	29.5	7.2	11.5	150	765	100	NA	NA
93/08/26	1500	95	0.5	4.0	25.5	6.5	8.3	101	765	100	NA	NA
93/08/26	1501	95	3.5	4.0	25.0	6.4	8.2	99	765	100	NA	NA
93/09/22	0940	95	0.5	5.5	17.0	6.3	7.5	77	765	100	NA	NA
93/09/22	0941	95	5.0	5.5	17.0	6.3	7.5	77	765	100	NA	NA
93/09/29	0905	95	0.5	5.5	16.0	5.8	7.3	74	765	100	NA	NA
93/09/29	0906	95	5.0	5.5	16.0	5.8	7.3	74	765	100	NA	NA
93/10/26	0908	95	0.5	5.0	12.5	6.3	8.7	81	770	100	NA	NA
93/10/26	0909	95	4.5	5.0	12.5	6.2	8.8	82	770	100	NA	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
400405074080600 Metedeconk River at Laurel Gardens												
92/10/15	1055	20	1.0	2.5	15.5	6.3	7.3	73	765	200	>2.5	NA
92/10/15	1810	20	2.0	2.5	18.0	6.6	8.5	89	765	300	>2.5	NA
92/10/15	1815	20	0.5	2.5	18.0	6.7	8.6	90	765	200	>2.5	NA
92/11/09	1520	20	0.5	1.5	8.0	6.3	10.1	84	775	300	NA	NA
93/01/14	0912	20	0.5	3.0	4.5	6.7	11.3	87	765	100	>3.0	NA
93/01/14	0913	20	2.5	3.0	5.0	6.8	11.2	87	765	100	>3.0	NA
93/01/14	0916	2	0.5	3.0	5.0	6.6	10.9	85	765	200	NA	NA
93/01/14	0917	2	2.5	3.0	5.0	6.6	11.1	86	765	200	NA	NA
93/05/20	0830	20	0.5	2.5	15.0	6.5	7.6	76	755	100	NA	NA
93/05/20	0831	20	1.5	2.5	15.0	6.5	7.6	76	755	100	NA	NA
93/05/20	0844	2	0.5	1.5	15.0	6.4	7.1	71	755	100	NA	NA
93/05/20	0845	2	1.5	1.5	15.0	6.4	7.1	71	755	100	NA	NA
93/05/20	0852	90	0.5	2.5	14.5	6.4	6.9	69	755	100	NA	NA
93/05/20	0853	90	2.0	2.5	14.5	6.4	6.9	69	755	100	NA	NA
93/05/20	1501	20	0.5	3.5	16.5	6.6	8.8	91	755	200	NA	NA
93/05/20	1502	20	2.5	3.5	15.5	6.7	8.9	90	755	200	NA	NA
93/05/20	1507	2	0.5	3.5	16.5	6.4	8.1	83	755	200	NA	NA
93/05/20	1508	2	2.5	3.5	16.5	6.4	8.2	84	755	200	NA	NA
93/05/20	1513	90	0.5	2.5	16.0	6.4	8.0	82	755	200	NA	NA
93/05/20	1514	90	2.0	2.5	16.0	6.4	8.2	84	755	200	NA	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
400405074080600 Metedeconk River at Laurel Gardens (continued)												
93/06/08	1015	20	0.5	2.5	18.5	6.7	7.7	83	760	100	NA	NA
93/06/08	1016	20	2.0	2.5	18.0	6.8	7.3	77	760	300	NA	NA
93/06/08	1025	2	0.5	2.5	19.0	6.6	7.4	80	760	200	NA	NA
93/06/08	1026	2	1.5	2.5	18.0	6.6	7.2	77	760	500	NA	NA
93/06/08	1033	90	0.5	2.5	18.5	6.4	6.9	74	760	200	NA	NA
93/06/08	1034	90	1.5	2.5	18.5	6.4	6.2	66	760	200	NA	NA
93/06/08	1620	90	0.5	3.0	23.0	6.9	9.8	114	760	100	NA	NA
93/06/08	1621	90	2.5	3.0	21.0	6.9	9.4	106	760	200	NA	NA
93/06/08	1625	20	0.5	2.5	22.5	6.8	9.2	107	760	300	NA	NA
93/06/08	1626	20	2.0	2.5	22.5	6.8	9.2	107	760	300	NA	NA
93/06/08	1630	2	0.5	2.5	23.0	6.8	9.6	112	760	200	NA	NA
93/06/08	1631	2	1.5	2.5	23.0	6.8	9.6	112	760	200	NA	NA
93/06/21	0910	90	0.5	2.5	23.0	6.4	6.4	75	760	300	NA	NA
93/06/21	0911	90	1.5	2.5	22.5	6.4	7.1	82	760	200	NA	NA
93/06/21	0918	20	0.5	2.5	23.0	6.5	6.9	81	760	400	NA	NA
93/06/21	0919	20	2.0	2.5	23.0	6.4	6.4	75	760	300	NA	NA
93/06/21	0924	2	0.5	2.0	23.0	6.4	6.7	79	760	300	NA	NA
93/06/21	0925	2	1.5	2.0	23.0	6.4	6.7	79	760	300	NA	NA
93/06/21	1456	90	0.5	2.5	25.5	6.6	7.9	97	760	500	NA	NA
93/06/21	1457	90	1.5	2.5	25.5	6.6	8.1	99	760	500	NA	NA
93/06/21	1509	20	0.5	3.0	25.5	6.5	7.1	87	760	400	NA	NA
93/06/21	1510	20	2.5	3.0	25.5	6.5	7.1	87	760	700	NA	NA
93/06/21	1516	2	0.5	2.5	25.5	6.5	7.3	90	760	200	NA	NA
93/06/21	1517	2	2.0	2.5	25.5	6.4	7.4	91	760	300	NA	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
					400405074080600 Metedeconk River at Laurel Gardens (continued)							
93/07/08	0920	90	0.5	2.0	26.0	6.3	6.4	79	760	100	NA	NA
93/07/08	0921	90	1.5	2.0	26.0	6.4	6.4	79	760	100	NA	NA
93/07/08	0925	20	0.5	2.5	26.5	6.3	4.4	55	760	100	NA	NA
93/07/08	0926	20	2.0	2.5	26.0	6.3	4.5	56	760	300	NA	NA
93/07/08	0930	2	0.5	2.5	26.5	6.4	5.6	70	760	300	NA	NA
93/07/08	0931	2	1.5	2.5	26.5	6.4	6.4	80	760	400	NA	NA
93/07/20	0925	90	0.5	2.5	21.5	5.8	5.5	62	760	100	NA	NA
93/07/20	0926	90	2.0	2.5	21.5	5.8	5.6	63	760	100	NA	NA
93/07/20	0930	20	0.5	3.0	21.5	5.9	5.7	65	760	100	NA	NA
93/07/20	0931	20	2.5	3.0	21.5	5.9	5.8	66	760	100	NA	NA
93/07/20	0935	2	0.5	2.5	21.5	5.9	4.2	48	760	200	NA	NA
93/07/20	0936	2	2.0	2.5	21.5	5.9	3.9	44	760	200	NA	NA
93/07/20	1520	20	0.5	3.0	24.5	6.1	8.5	102	760	100	NA	NA
93/07/20	1521	20	2.5	3.0	24.5	6.1	8.7	104	760	100	NA	NA
93/07/20	1525	90	0.5	2.5	24.5	6.0	7.6	92	760	100	NA	NA
93/07/20	1526	90	2.0	2.5	24.0	6.0	7.8	93	760	100	NA	NA
93/08/03	1620	90	0.5	3.0	26.5	6.5	8.6	108	760	500	NA	NA
93/08/03	1621	90	1.5	3.0	26.5	6.5	8.7	109	760	600	NA	NA
93/08/03	1622	90	2.5	3.0	26.5	6.4	8.9	112	760	2,020	NA	NA
93/08/03	1623	20	0.5	3.0	27.5	6.8	10.3	131	760	300	NA	NA
93/08/03	1624	20	2.5	3.0	27.5	6.5	7.7	98	760	400	NA	NA
93/08/03	1625	2	0.5	2.5	28.0	6.5	8.0	103	760	400	NA	NA
93/08/03	1626	2	1.5	2.5	28.0	6.5	8.6	110	760	400	NA	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
					400405074080600 Metedeconk River at Laurel Gardens (continued)							
93/08/26	0910	90	0.5	2.5	23.5	6.0	3.3	39	765	200	>2.5	NA
93/08/26	0911	90	1.5	2.5	23.5	6.0	3.1	36	765	300	>2.5	NA
93/08/26	0917	20	0.5	2.5	24.0	6.3	5.8	69	765	500	NA	NA
93/08/26	0918	20	1.5	2.5	24.0	6.3	5.8	69	765	800	NA	NA
93/08/26	0920	20	0.5	2.5	24.5	6.3	5.8	69	765	500	NA	NA
93/08/26	0921	20	1.5	2.5	24.0	6.3	5.1	60	765	400	NA	NA
93/08/26	1510	90	0.5	2.0	27.5	6.6	9.5	120	765	200	NA	NA
93/08/26	1511	90	1.5	2.0	26.5	6.7	10.0	124	765	100	NA	NA
93/08/26	1515	20	0.5	2.5	27.5	6.6	8.5	108	765	300	NA	NA
93/08/26	1516	20	1.5	2.5	27.5	6.6	8.6	109	765	400	NA	NA
93/09/22	0950	90	0.5	2.5	17.0	6.2	6.5	67	765	100	NA	NA
93/09/22	0951	90	1.5	2.5	17.0	6.2	6.6	68	765	100	NA	NA
93/09/22	1000	20	0.5	2.5	17.0	6.3	7.3	75	765	100	NA	NA
93/09/22	1001	20	1.5	2.5	17.0	6.3	7.3	75	765	100	NA	NA
93/09/29	0915	90	0.5	2.0	16.0	5.9	7.4	75	765	100	NA	NA
93/09/29	0916	90	1.5	2.0	16.0	5.9	7.5	76	765	100	NA	NA
93/09/29	0920	20	0.5	2.5	16.0	5.9	7.4	75	765	100	NA	NA
93/09/29	0921	20	2.0	2.5	16.0	5.9	7.5	76	765	100	NA	NA
93/10/26	0855	20	0.5	2.5	12.5	6.4	8.8	82	770	100	NA	NA
93/10/26	0856	20	1.5	2.5	12.5	6.4	8.9	82	770	100	NA	NA
93/10/26	0903	90	0.5	2.5	12.5	6.4	8.7	80	770	100	NA	NA
93/10/26	0904	90	1.5	2.5	12.5	6.3	8.8	81	770	100	NA	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
					01408155 Metedeconk River at Laurelton							
92/10/15	1115	25	4.5	5.0	18.0	6.8	4.0	48	765	33,500	2.5	NA
92/10/15	1120	25	2.5	5.0	18.0	7.0	4.5	54	765	33,000	2.5	NA
92/10/15	1125	25	0.5	5.0	16.0	7.6	7.5	85	765	32,500	2.5	NA
92/10/15	1735	25	5.5	6.0	18.0	7.4	6.9	82	765	32,300	3.5	NA
92/10/15	1740	25	3.0	6.0	18.0	7.5	7.0	83	765	31,900	3.5	NA
92/10/15	1745	25	0.5	6.0	18.0	7.9	7.8	83	765	1,740	3.5	NA
92/11/09	1320	25	5.0	5.5	11.0	7.6	5.5	56	775	33,700	4.5	NA
92/11/09	1330	25	3.5	5.5	11.0	7.6	5.4	55	775	33,200	4.5	NA
92/11/09	1338	25	1.5	5.5	7.5	6.9	8.8	74	775	4,060	4.5	NA
92/11/09	1340	25	0.5	5.5	7.0	6.6	8.9	72	775	700	4.5	NA
92/12/15	0850	25	0.5	7.5	3.5	5.4	11.2	83	770	100	3.5	NA
92/12/15	0851	25	6.5	7.5	3.5	5.4	11.5	86	770	100	3.5	NA
92/12/15	1450	25	0.5	7.0	4.5	5.7	10.6	81	770	400	5.0	NA
92/12/15	1451	25	1.5	7.0	4.5	5.7	10.7	82	770	500	5.0	NA
92/12/15	1452	25	3.5	7.0	4.5	6.0	10.8	83	770	900	5.0	NA
92/12/15	1453	25	5.0	7.0	4.5	6.4	10.8	83	770	2,190	5.0	NA
92/12/15	1454	25	6.5	7.0	5.5	7.0	8.8	78	770	31,400	5.0	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
01408155 Metedeconk River at Laurelton (continued)												
93/01/14	0945	25	0.5	6.0	5.0	6.1	11.2	87	765	100	4.5	NA
93/01/14	0946	25	0.5	6.0	5.0	6.1	11.1	86	765	100	4.5	NA
93/01/14	0947	25	2.5	6.0	5.0	6.1	11.1	86	765	100	4.5	NA
93/01/14	0948	25	4.0	6.0	5.0	6.2	11.1	86	765	100	4.5	NA
93/01/14	0949	25	6.0	6.0	5.0	6.2	11.1	86	765	100	4.5	NA
93/01/14	1010	75	0.5	5.0	5.0	6.0	11.1	86	765	100	4.0	NA
93/01/14	1011	75	1.5	5.0	5.0	6.0	11.1	86	765	100	4.0	NA
93/01/14	1012	75	3.5	5.0	5.0	6.0	11.1	86	765	100	4.0	NA
93/01/14	1013	75	4.5	5.0	5.0	6.0	11.2	87	765	100	4.0	NA
93/02/09	0930	25	0.5	5.5	1.5	7.8	12.7	89	775	400	>5.5	NA
93/02/09	0931	25	1.5	5.5	2.0	7.6	12.6	91	775	3,620	>5.5	NA
93/02/09	0932	25	3.5	5.5	2.0	7.0	11.8	92	775	22,100	>5.5	NA
93/02/09	0933	25	5.0	5.5	2.5	6.9	11.1	94	775	38,300	>5.5	NA
93/02/09	0955	75	0.5	3.5	1.5	7.4	12.3	86	775	300	>3.5	NA
93/02/09	0956	75	1.0	3.5	2.0	6.6	12.2	89	775	9,240	>3.5	NA
93/02/09	0957	75	1.5	3.5	2.0	6.5	11.9	91	775	18,500	>3.5	NA
93/02/09	1515	25	0.5	6.5	3.5	7.7	12.1	89	775	700	NA	NA
93/02/09	1516	25	1.5	6.5	3.5	7.8	12.2	91	775	900	NA	NA
93/02/09	1517	25	3.5	6.5	3.5	7.2	11.3	92	775	25,100	NA	NA
93/02/09	1518	25	5.0	6.5	3.0	7.2	11.3	96	775	35,800	NA	NA
93/02/09	1519	25	6.0	6.5	3.0	7.1	11.4	98	775	37,700	NA	NA
93/02/09	1530	75	0.5	3.5	3.5	7.8	12.4	91	775	400	>3.5	NA
93/02/09	1531	75	1.5	3.5	3.5	7.5	12.4	92	775	1,260	>3.5	NA
93/02/09	1532	75	3.5	3.5	3.0	6.9	11.8	93	775	21,000	>3.5	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
01408155 Metedeconk River at Laurelton (continued)												
93/03/26	0900	25	0.5	6.0	7.0	5.8	11.1	91	765	100	4.0	NA
93/03/26	0901	25	1.5	6.0	7.0	5.8	11.1	91	765	100	4.0	NA
93/03/26	0902	25	3.5	6.0	7.0	5.8	11.2	92	765	100	4.0	NA
93/03/26	0903	25	5.0	6.0	7.0	5.8	11.3	93	765	100	4.0	NA
93/03/26	0910	75	0.5	3.5	7.0	5.8	10.8	89	765	100	>3.5	NA
93/03/26	0911	75	1.5	3.5	7.0	5.8	10.8	89	765	100	>3.5	NA
93/03/26	0912	75	3.5	3.5	7.0	5.8	10.9	90	765	100	>3.5	NA
93/03/26	1435	25	0.5	6.0	10.0	5.8	11.0	97	765	100	3.5	NA
93/03/26	1436	25	1.5	6.0	10.0	5.8	11.0	97	765	100	3.5	NA
93/03/26	1437	25	3.5	6.0	10.0	5.8	11.0	97	765	100	3.5	NA
93/03/26	1438	25	5.0	6.0	10.0	5.8	11.1	98	765	100	3.5	NA
93/03/26	1445	75	0.5	3.5	10.0	5.8	10.9	96	765	100	>3.5	NA
93/03/26	1446	75	1.5	3.5	10.0	5.8	10.9	96	765	100	>3.5	NA
93/03/26	1447	75	3.5	3.5	10.0	5.9	11.0	97	765	100	>3.5	NA
93/04/08	0810	75	0.5	3.5	8.0	6.1	10.0	84	765	100	>3.5	NA
93/04/08	0811	75	1.5	3.5	8.0	6.1	10.0	84	765	100	>3.5	NA
93/04/08	0812	75	3.5	3.5	8.0	6.2	10.2	86	765	100	>3.5	NA
93/04/08	0855	25	0.5	6.0	8.0	6.1	10.3	87	765	100	3.5	NA
93/04/08	0856	25	0.5	6.0	8.0	6.2	10.3	87	765	100	3.5	NA
93/04/08	0857	25	2.5	6.0	8.0	6.2	10.3	87	765	100	3.5	NA
93/04/08	0858	25	4.0	6.0	8.0	6.2	10.3	87	765	100	3.5	NA
93/04/08	0859	25	6.0	6.0	8.0	6.3	10.5	88	765	100	3.5	NA
93/04/08	1440	25	0.5	6.0	11.5	6.3	10.2	94	765	200	NA	NA
93/04/08	1441	25	0.5	6.0	11.5	6.4	10.4	95	765	200	NA	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
					01408155 Metedeconk River at Laurelton (continued)							
93/04/08	1442	25	2.5	6.0	11.5	6.5	10.4	95	765	200	NA	NA
93/04/08	1443	25	4.0	6.0	11.5	6.6	10.6	97	765	200	NA	NA
93/04/08	1444	25	6.0	6.0	12.0	7.0	11.0	101	765	200	NA	NA
93/04/08	1450	75	0.5	4.0	11.5	6.1	10.5	96	765	200	NA	NA
93/04/08	1451	75	1.5	4.0	11.5	6.2	10.5	96	765	200	NA	NA
93/04/08	1452	75	3.5	4.0	11.5	6.2	10.6	97	765	200	NA	NA
93/04/22	0915	25	0.5	7.0	15.5	6.6	8.7	89	750	200	NA	2.02
93/04/22	0916	25	1.5	7.0	15.5	6.6	8.6	88	750	200	NA	2.02
93/04/22	0917	25	3.5	7.0	15.5	6.6	8.7	89	750	200	NA	2.02
93/04/22	0918	25	5.0	7.0	15.5	6.7	8.7	89	750	200	NA	2.02
93/04/22	0919	25	6.0	7.0	15.5	6.8	8.7	89	750	200	NA	2.02
93/04/22	0930	75	0.5	4.5	15.5	6.4	8.2	83	750	100	NA	NA
93/04/22	0931	75	1.5	4.5	15.5	6.4	8.2	83	750	100	NA	NA
93/04/22	0932	75	3.5	4.5	15.5	6.4	8.4	85	750	100	NA	NA
93/04/22	1440	25	0.5	5.5	15.0	6.8	9.2	93	750	200	NA	1.84
93/04/22	1441	25	1.5	5.5	15.0	7.0	9.2	93	750	200	NA	1.84
93/04/22	1442	25	3.5	5.5	15.0	7.1	9.3	94	750	200	NA	1.84
93/04/22	1443	25	5.0	5.5	15.0	7.5	9.6	97	750	200	NA	1.84
93/04/22	1450	75	0.5	4.0	15.0	6.6	9.2	93	750	200	NA	NA
93/04/22	1451	75	1.5	4.0	15.5	6.7	9.3	94	750	200	NA	NA
93/04/22	1452	75	3.5	4.0	15.0	6.8	9.5	96	750	200	NA	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
01408155 Metedeconk River at Laurelton (continued)												
93/05/06	0840	25	0.5	7.0	17.5	6.5	7.8	82	760	100	4.0	1.60
93/05/06	0841	25	1.5	7.0	17.5	6.5	7.8	81	760	100	4.0	1.60
93/05/06	0842	25	3.5	7.0	17.5	6.5	7.8	81	760	100	4.0	1.60
93/05/06	0843	25	5.0	7.0	17.5	6.6	7.8	81	760	100	4.0	1.60
93/05/06	0844	25	6.5	7.0	17.5	6.8	7.8	82	760	100	4.0	1.60
93/05/06	0850	75	0.5	4.5	17.0	6.4	7.7	80	760	100	>4.5	NA
93/05/06	0851	75	1.5	4.5	17.0	6.4	7.7	80	760	100	>4.5	NA
93/05/06	0852	75	3.5	4.5	17.0	6.4	7.8	81	760	100	>4.5	NA
93/05/06	1410	25	0.5	6.5	20.5	6.4	9.0	100	760	200	4.0	1.40
93/05/06	1411	25	1.5	6.5	20.5	6.4	9.0	100	760	200	4.0	1.40
93/05/06	1412	25	3.5	6.5	20.5	6.4	9.0	100	760	200	4.0	1.40
93/05/06	1413	25	5.0	6.5	20.5	6.5	9.0	100	760	200	4.0	1.40
93/05/06	1414	25	6.0	6.5	20.5	6.5	9.0	100	760	200	4.0	1.40
93/05/06	1420	75	0.5	3.5	20.5	6.4	9.1	102	760	200	>3.5	NA
93/05/06	1421	75	1.5	3.5	20.5	6.4	9.1	102	760	200	>3.5	NA
93/05/06	1422	75	3.0	3.5	20.5	6.5	9.3	104	760	200	>3.5	NA
93/05/20	0905	25	0.5	6.0	15.0	6.7	7.4	74	755	300	NA	1.82
93/05/20	0906	25	1.5	6.0	15.0	6.7	7.4	74	755	400	NA	1.82
93/05/20	0907	25	3.5	6.0	15.0	7.0	7.2	72	755	900	NA	1.82
93/05/20	0908	25	5.0	6.0	17.5	6.7	2.9	32	755	16,100	NA	1.82
93/05/20	0909	25	5.5	6.0	18.0	6.7	2.6	30	755	19,000	NA	1.82
93/05/20	0930	75	0.5	3.5	15.0	6.4	7.4	74	755	200	NA	NA
93/05/20	0931	75	1.5	3.5	15.0	6.5	7.4	74	755	200	NA	NA
93/05/20	0932	75	2.5	3.5	15.0	6.5	7.4	74	755	400	NA	NA
93/05/20	1530	25	0.5	6.5	16.0	6.4	8.2	84	755	200	NA	1.68

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
					01408155 Metedeconk River at Laurelton (continued)							
93/05/20	1531	25	3.5	6.5	15.5	6.4	8.1	82	755	200	NA	1.68
93/05/20	1532	25	5.5	6.5	16.0	6.4	8.5	87	755	200	NA	1.68
93/05/20	1550	75	0.5	4.0	16.0	6.4	8.2	84	755	200	NA	NA
93/05/20	1551	75	1.5	4.0	16.0	6.3	8.2	84	755	200	NA	NA
93/05/20	1552	75	3.5	4.0	16.0	6.4	8.6	88	755	200	NA	NA
93/06/08	1112	25	0.5	6.0	19.0	6.6	7.6	82	760	500	4.5	1.46
93/06/08	1113	25	1.5	6.0	18.5	6.6	7.3	78	760	900	4.5	1.46
93/06/08	1114	25	3.5	6.0	19.0	6.8	5.0	58	760	18,700	4.5	1.46
93/06/08	1115	25	5.0	6.0	19.5	7.0	3.7	45	760	29,400	4.5	1.46
93/06/08	1116	25	5.5	6.0	19.5	6.8	3.6	44	760	29,300	4.5	1.46
93/06/08	1125	75	0.5	3.5	19.5	6.7	7.9	86	760	500	>3.5	NA
93/06/08	1126	75	1.5	3.5	19.0	6.9	7.8	85	760	2,060	>3.5	NA
93/06/08	1127	75	2.5	3.5	19.5	6.8	3.7	44	760	22,400	>3.5	NA
93/06/08	1642	25	0.5	6.5	21.5	6.7	8.2	94	760	900	NA	1.60
93/06/08	1643	25	1.5	6.5	21.5	6.8	8.1	92	760	1,470	NA	1.60
93/06/08	1644	25	3.5	6.5	20.5	6.8	6.2	72	760	12,900	NA	1.60
93/06/08	1645	25	5.0	6.5	20.0	7.0	4.1	50	760	29,900	NA	1.60
93/06/08	1646	25	6.0	6.5	20.0	6.8	4.0	49	760	30,000	NA	1.60
93/06/08	1655	75	0.5	4.5	22.0	6.7	8.5	98	760	800	NA	NA
93/06/08	1656	75	1.5	4.5	22.0	6.9	8.4	97	760	900	NA	NA
93/06/08	1657	75	3.5	4.5	21.5	6.9	7.9	92	760	7,090	NA	NA
93/06/08	1658	75	4.0	4.5	20.5	6.9	4.7	57	760	23,900	NA	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
					01408155 Metedeconk River at Laurelton (continued)							
93/06/21	0940	25	0.5	6.5	23.5	6.8	6.8	81	760	1,080	NA	1.48
93/06/21	0941	25	1.5	6.5	24.0	6.8	6.7	80	760	1,590	NA	1.48
93/06/21	0942	25	3.5	6.5	26.0	6.8	2.5	33	760	17,300	NA	1.48
93/06/21	0943	25	5.0	6.5	26.0	6.8	2.0	27	760	21,600	NA	1.48
93/06/21	0944	25	6.0	6.5	26.0	6.8	1.7	23	760	21,800	NA	1.48
93/06/21	0955	75	0.5	3.5	24.0	6.7	6.9	82	760	1,360	NA	NA
93/06/21	0956	75	1.5	3.5	25.0	6.6	5.5	68	760	7,090	NA	NA
93/06/21	0957	75	2.5	3.5	26.5	6.6	4.4	58	760	15,700	NA	NA
93/06/21	1526	25	0.5	7.0	27.0	7.0	7.4	94	760	2,300	3.0	1.64
93/06/21	1527	25	1.5	7.0	26.5	7.2	7.8	100	760	8,200	3.0	1.64
93/06/21	1528	25	3.5	7.0	26.5	7.1	6.0	80	760	21,200	3.0	1.64
93/06/21	1529	25	5.0	7.0	26.0	7.0	4.2	57	760	24,700	3.0	1.64
93/06/21	1530	25	6.5	7.0	26.0	7.0	4.2	57	760	25,100	3.0	1.64
93/06/21	1540	75	0.5	2.5	26.0	6.8	7.4	92	760	1,380	>2.5	NA
93/06/21	1541	75	1.5	2.5	27.0	6.9	7.0	92	760	13,500	>2.5	NA
93/07/08	0955	25	0.5	6.5	27.0	6.5	5.4	68	760	400	4.0	1.42
93/07/08	0956	25	1.5	6.5	27.0	6.5	5.0	63	760	800	4.0	1.42
93/07/08	0957	25	3.5	6.5	27.0	6.8	4.7	60	760	1,990	4.0	1.42
93/07/08	0958	25	5.0	6.5	28.0	6.8	1.5	21	760	26,800	4.0	1.42
93/07/08	0959	25	6.0	6.5	28.0	6.7	1.5	21	760	26,800	4.0	1.42
93/07/08	1005	75	0.5	3.5	27.5	6.5	5.9	75	760	400	2.5	NA
93/07/08	1006	75	1.5	3.5	27.0	6.5	5.9	75	760	500	2.5	NA
93/07/08	1007	75	2.5	3.5	27.5	6.5	4.0	52	760	9,850	2.5	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
					01408155 Metedeconk River at Laurelton (continued)							
93/07/20	0950	25	0.5	6.5	21.5	5.9	5.0	57	760	100	1.5	1.98
93/07/20	0951	25	1.5	6.5	21.5	5.9	5.1	58	760	100	1.5	1.98
93/07/20	0952	25	3.5	6.5	21.5	5.9	5.1	58	760	100	1.5	1.98
93/07/20	0953	25	5.0	6.5	21.5	5.8	5.2	59	760	100	1.5	1.98
93/07/20	0954	25	6.0	6.5	21.5	5.9	5.4	61	760	100	1.5	1.98
93/07/20	1000	75	0.5	4.0	21.5	5.9	5.0	57	760	100	1.5	NA
93/07/20	1001	75	1.5	4.0	21.5	5.8	5.0	57	760	100	1.5	NA
93/07/20	1002	75	3.5	4.0	21.5	5.9	5.2	59	760	100	1.5	NA
93/07/20	1545	25	0.5	7.0	24.5	6.1	8.0	96	760	100	2.5	1.86
93/07/20	1546	25	1.5	7.0	24.5	6.1	8.1	98	760	100	2.5	1.86
93/07/20	1547	25	3.5	7.0	24.5	6.0	8.2	99	760	100	2.5	1.86
93/07/20	1548	25	5.0	7.0	24.5	6.1	8.2	99	760	100	2.5	1.86
93/07/20	1549	25	6.0	7.0	24.5	6.0	8.3	100	760	100	2.5	1.86
93/07/20	1600	75	0.5	4.0	24.5	6.0	7.8	94	760	100	2.5	NA
93/07/20	1601	75	1.5	4.0	24.5	6.0	7.9	95	760	100	2.5	NA
93/07/20	1602	75	3.5	4.0	24.5	6.0	8.3	100	760	100	2.5	NA
93/08/03	1640	25	0.5	6.5	28.0	6.6	7.1	91	760	900	4.0	1.70
93/08/03	1641	25	1.5	6.5	28.0	6.7	7.0	90	760	2,510	4.0	1.70
93/08/03	1642	25	3.5	6.5	27.5	7.0	7.0	93	760	12,300	4.0	1.70
93/08/03	1643	25	5.0	6.5	28.0	7.0	2.6	37	760	26,800	4.0	1.70
93/08/03	1644	25	6.0	6.5	28.0	7.0	2.0	28	760	28,200	4.0	1.70
93/08/03	1650	75	0.5	4.0	28.0	6.5	6.3	81	760	1,420	3.5	NA
93/08/03	1651	75	1.5	4.0	28.0	6.7	6.2	80	760	2,040	3.5	NA
93/08/03	1652	75	3.5	4.0	28.0	7.2	8.2	111	760	17,400	3.5	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
					01408155 Metedeconk River at Laurelton (continued)							
93/08/26	0945	25	0.5	5.5	24.0	6.4	4.9	58	765	800	3.0	1.26
93/08/26	0946	25	1.5	5.5	24.0	6.7	4.8	57	765	1,580	3.0	1.26
93/08/26	0947	25	3.5	5.5	25.0	6.8	2.1	27	765	19,500	3.0	1.26
93/08/26	0948	25	5.0	5.5	26.0	6.8	1.9	26	765	29,700	3.0	1.26
93/08/26	0955	75	0.5	3.5	24.0	6.3	4.9	58	765	400	>3.5	NA
93/08/26	0956	75	1.5	3.5	23.5	6.4	4.8	57	765	700	>3.5	NA
93/08/26	0957	75	2.5	3.5	24.5	6.5	6.2	76	765	8,910	>3.5	NA
93/08/26	1520	25	0.5	5.5	27.5	6.6	7.4	94	765	1,000	3.5	1.20
93/08/26	1521	25	1.5	5.5	27.5	6.7	7.4	94	765	1,100	3.5	1.20
93/08/26	1522	25	3.5	5.5	27.0	7.1	6.8	90	765	17,100	3.5	1.20
93/08/26	1523	25	5.0	5.5	26.5	7.1	4.3	59	765	28,200	3.5	1.20
93/08/26	1535	75	0.5	3.0	28.0	6.4	7.4	94	765	800	>3.0	NA
93/08/26	1536	75	1.5	3.0	27.5	6.5	7.4	94	765	800	>3.0	NA
93/08/26	1537	75	2.5	3.0	26.0	6.8	6.2	80	765	15,400	>3.0	NA
93/09/22	1010	25	0.5	6.0	17.0	6.3	7.2	74	765	200	NA	1.36
93/09/22	1011	25	1.5	6.0	17.0	6.3	7.2	74	765	200	NA	1.36
93/09/22	1012	25	3.5	6.0	17.0	6.3	7.2	74	765	200	NA	1.36
93/09/22	1013	25	5.0	6.0	17.0	6.3	7.2	74	765	200	NA	1.36
93/09/22	1020	75	0.5	3.5	17.0	6.2	7.0	72	765	100	NA	NA
93/09/22	1021	75	1.5	3.5	17.0	6.2	7.0	72	765	100	NA	NA
93/09/22	1022	75	3.5	3.5	17.0	6.2	7.0	72	765	100	NA	NA
93/09/29	0940	25	0.5	5.5	16.0	5.9	7.3	74	765	100	4.5	1.36
93/09/29	0941	25	1.5	5.5	16.0	5.9	7.3	74	765	100	4.5	1.36
93/09/29	0942	25	3.5	5.5	16.0	5.9	7.4	75	765	100	4.5	1.36

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
					01408155 Metedeconk River at Laurelton (continued)							
93/09/29	0943	25	5.0	5.5	16.0	5.9	7.6	77	765	100	4.5	1.36
93/09/29	0950	75	0.5	3.5	16.0	5.8	7.2	73	765	100	>3.5	NA
93/09/29	0951	75	1.5	3.5	16.0	5.8	7.2	73	765	100	>3.5	NA
93/09/29	0952	75	2.5	3.5	16.0	5.8	7.2	73	765	100	>3.5	NA
93/09/29	1416	25	0.5	5.5	18.0	6.0	8.4	88	765	100	4.0	1.06
93/09/29	1417	25	1.5	5.5	18.0	6.0	8.4	88	765	100	4.0	1.06
93/09/29	1418	25	3.5	5.5	18.0	6.0	8.4	88	765	100	4.0	1.06
93/09/29	1419	25	5.0	5.5	18.0	6.0	8.6	90	765	100	4.0	1.06
93/09/29	1425	75	0.5	2.5	18.0	6.0	8.3	87	765	100	>2.5	NA
93/09/29	1426	75	1.5	2.5	18.0	6.0	8.3	87	765	100	>2.5	NA
93/10/26	0950	25	0.5	6.0	12.5	6.4	8.5	79	770	100	NA	1.32
93/10/26	0951	25	1.5	6.0	12.5	6.5	8.5	79	770	100	NA	1.32
93/10/26	0952	25	3.5	6.0	12.5	6.6	8.5	79	770	200	NA	1.32
93/10/26	0953	25	5.0	6.0	12.5	6.5	7.5	72	770	9,410	NA	1.32
93/10/26	1000	75	0.5	3.5	12.5	6.4	8.5	79	770	100	NA	NA
93/10/26	1001	75	1.5	3.5	12.5	6.4	8.6	79	770	100	NA	NA
93/10/26	1002	75	3.0	3.5	12.5	6.5	8.8	81	770	100	NA	NA
93/10/26	1415	25	0.5	5.5	12.5	NA	NA	NA	770	200	NA	1.28
93/10/26	1416	25	1.5	5.5	12.5	NA	NA	NA	770	200	NA	1.28
93/10/26	1417	25	3.5	5.5	12.5	NA	NA	NA	770	200	NA	1.28
93/10/26	1418	25	5.0	5.5	12.5	NA	NA	NA	770	200	NA	1.28
93/10/26	1425	75	0.5	3.5	12.5	6.5	NA	NA	770	200	NA	NA
93/10/26	1426	75	1.5	3.5	12.5	6.5	NA	NA	770	200	NA	NA
93/10/26	1427	75	3.0	3.5	12.5	6.6	NA	NA	770	200	NA	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
400353074074900 Metedeconk River 1,200 feet downstream from Route 70 at Laurelton												
92/10/15	1155	50	4.5	5.0	18.0	7.3	7.1	85	765	33,500	2.5	NA
92/10/15	1200	50	2.5	5.0	18.0	7.5	7.3	87	765	32,700	2.5	NA
92/10/15	1205	50	0.5	5.0	18.0	7.7	7.7	82	765	4,160	2.5	NA
92/10/15	1715	50	4.5	4.5	19.0	7.7	8.2	99	765	31,500	3.5	NA
92/10/15	1720	50	2.0	4.5	19.0	7.8	8.2	98	765	29,800	3.5	NA
92/10/15	1725	50	0.5	4.5	19.0	7.6	7.9	87	765	4,760	3.5	NA
92/11/09	1250	50	4.5	5.0	11.0	8.0	7.1	72	775	34,500	NA	NA
92/11/09	1300	50	3.5	5.0	11.0	7.9	6.7	68	775	34,500	NA	NA
92/11/09	1307	50	1.5	5.0	10.5	7.5	6.3	62	775	29,700	NA	NA
92/11/09	1311	50	0.5	5.0	7.5	6.8	8.6	72	775	4,200	NA	NA
92/11/09	1705	50	0.5	5.0	NA	NA	NA	NA	NA	4,970	NA	NA
92/11/09	1706	50	1.5	5.0	NA	NA	NA	NA	NA	31,600	NA	NA
92/11/09	1707	50	3.5	5.0	NA	NA	NA	NA	NA	34,800	NA	NA
92/11/09	1708	50	5.0	5.0	NA	NA	NA	NA	NA	34,700	NA	NA
92/12/15	0905	50	0.5	7.5	3.5	5.7	11.1	83	770	400	NA	NA
92/12/15	0906	50	6.5	7.5	3.5	5.8	11.3	85	770	700	NA	NA
92/12/15	1505	50	0.5	7.0	4.5	6.1	10.8	83	770	800	NA	NA
92/12/15	1506	50	1.5	7.0	4.5	6.4	10.8	83	770	1,440	NA	NA
92/12/15	1507	50	3.5	7.0	4.5	7.7	10.6	82	770	1,700	NA	NA
92/12/15	1508	50	5.0	7.0	5.5	7.6	8.6	79	770	35,700	NA	NA
92/12/15	1509	50	6.5	7.0	6.0	7.2	10.2	94	770	36,200	NA	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
400353074074900 Metedeconk River 1,200 feet downstream from Route 70 at Laurelton (continued)												
93/01/14	1023	50	0.5	6.0	5.0	7.0	11.1	86	765	400	4.0	NA
93/01/14	1024	50	1.5	6.0	5.0	7.1	10.9	85	765	1,590	4.0	NA
93/01/14	1025	50	2.5	6.0	5.0	7.0	10.8	85	765	3,230	4.0	NA
93/01/14	1026	50	4.0	6.0	5.0	6.9	10.0	81	765	10,300	4.0	NA
93/01/14	1027	50	6.0	6.0	4.5	6.3	8.0	71	765	34,900	4.0	NA
93/02/09	1010	50	0.5	6.0	2.0	7.5	12.8	91	775	1,200	4.0	NA
93/02/09	1011	50	1.5	6.0	2.0	7.3	12.4	94	775	16,600	4.0	NA
93/02/09	1012	50	3.5	6.0	2.5	7.1	11.6	100	775	41,800	4.0	NA
93/02/09	1013	50	5.0	6.0	2.5	6.8	11.4	99	775	42,200	4.0	NA
93/02/09	1540	50	0.5	6.0	3.5	7.3	12.3	93	775	7,370	4.0	NA
93/02/09	1541	50	1.5	6.0	3.5	7.3	12.2	96	775	15,200	4.0	NA
93/02/09	1542	50	3.5	6.0	3.0	7.4	12.0	96	775	23,200	4.0	NA
93/02/09	1543	50	5.0	6.0	3.5	7.3	11.6	102	775	41,800	4.0	NA
93/02/09	1544	50	6.0	6.0	3.0	7.2	11.9	105	775	42,000	4.0	NA
93/03/26	0920	50	0.5	5.5	7.0	5.8	10.9	90	765	100	3.5	NA
93/03/26	0921	50	1.5	5.5	7.0	5.8	10.9	90	765	100	3.5	NA
93/03/26	0922	50	3.5	5.5	7.0	5.8	10.9	90	765	100	3.5	NA
93/03/26	0923	50	5.0	5.5	7.0	5.8	10.9	90	765	100	3.5	NA
93/03/26	1455	50	0.5	5.5	10.0	5.8	10.8	95	765	100	3.5	NA
93/03/26	1456	50	1.5	5.5	10.0	5.8	10.8	95	765	100	3.5	NA
93/03/26	1457	50	3.5	5.5	10.0	5.9	10.8	95	765	100	3.5	NA
93/03/26	1458	50	5.0	5.5	10.0	6.0	10.9	96	765	100	3.5	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
400353074074900 Metedeconk River 1,200 feet downstream from Route 70 at Laurelton (continued)												
93/04/08	0820	50	0.5	5.0	8.5	6.2	10.2	87	765	100	3.5	NA
93/04/08	0821	50	1.5	5.0	8.5	6.2	10.2	87	765	100	3.5	NA
93/04/08	0822	50	3.5	5.0	8.5	6.4	10.2	87	765	200	3.5	NA
93/04/08	0823	50	5.0	5.0	8.5	6.3	10.0	85	765	400	3.5	NA
93/04/08	1500	50	0.5	5.5	11.5	6.2	10.2	93	765	200	NA	NA
93/04/08	1501	50	1.5	5.5	11.0	6.4	10.2	93	765	200	NA	NA
93/04/08	1502	50	3.5	5.5	11.0	6.5	10.2	92	765	400	NA	NA
93/04/08	1503	50	5.0	5.5	10.0	6.5	8.6	80	765	14,800	NA	NA
93/04/22	0950	50	0.5	6.0	16.0	6.6	8.6	88	750	400	NA	NA
93/04/22	0951	50	1.5	6.0	16.0	6.7	8.6	88	750	600	NA	NA
93/04/22	0952	50	3.5	6.0	16.0	6.9	8.4	87	750	1,410	NA	NA
93/04/22	0953	50	5.0	6.0	16.0	6.7	4.0	43	750	14,100	NA	NA
93/04/22	0954	50	5.5	6.0	16.0	6.6	4.1	44	750	14,300	NA	NA
93/04/22	1500	50	0.5	5.0	15.5	6.5	8.9	90	750	400	NA	NA
93/04/22	1501	50	1.5	5.0	15.5	6.6	8.9	90	750	400	NA	NA
93/04/22	1502	50	3.5	5.0	15.5	6.6	8.9	90	750	400	NA	NA
93/04/22	1503	50	5.0	5.0	15.5	6.6	9.2	93	750	400	NA	NA
93/05/06	0900	50	0.5	6.5	17.5	6.5	7.7	81	760	400	4.0	NA
93/05/06	0901	50	1.5	6.5	17.5	6.8	7.7	81	760	500	4.0	NA
93/05/06	0902	50	3.5	6.5	17.5	7.2	7.7	81	760	500	4.0	NA
93/05/06	0903	50	5.0	6.5	17.0	7.2	7.5	87	760	29,700	4.0	NA
93/05/06	1440	50	0.5	5.0	20.0	6.7	8.8	98	760	1,000	4.0	NA
93/05/06	1441	50	1.5	5.0	20.0	6.8	8.8	98	760	900	4.0	NA
93/05/06	1442	50	3.5	5.0	19.5	7.4	7.6	85	760	4,790	4.0	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
400353074074900 Metedeconk River 1,200 feet downstream from Route 70 at Laurelton (continued)												
93/05/06	1443	50	5.0	5.0	18.0	7.6	9.2	109	760	30,000	4.0	NA
93/05/20	0940	50	0.5	6.0	15.0	6.8	7.4	74	755	1,010	NA	NA
93/05/20	0941	50	1.5	6.0	16.0	6.9	6.3	65	755	2,630	NA	NA
93/05/20	0942	50	3.5	6.0	18.5	6.8	2.4	28	755	24,500	NA	NA
93/05/20	0943	50	5.0	6.0	19.0	6.8	3.0	36	755	27,000	NA	NA
93/05/20	1600	50	0.5	4.5	16.0	6.6	7.6	78	755	700	NA	NA
93/05/20	1601	50	1.5	4.5	16.0	6.7	6.9	72	755	7,500	NA	NA
93/05/20	1602	50	4.0	4.5	19.0	6.6	1.9	23	755	24,900	NA	NA
93/06/08	1145	50	0.5	6.0	19.5	7.0	7.9	87	760	3,050	3.5	NA
93/06/08	1146	50	1.5	6.0	19.5	7.1	6.4	74	760	15,400	3.5	NA
93/06/08	1147	50	3.5	6.0	20.0	7.2	5.8	71	760	30,900	3.5	NA
93/06/08	1148	50	5.0	6.0	19.5	7.2	5.1	63	760	32,900	3.5	NA
93/06/08	1706	50	0.5	6.0	22.0	6.9	8.2	95	760	4,390	NA	NA
93/06/08	1707	50	1.5	6.0	21.5	7.0	7.9	92	760	5,890	NA	NA
93/06/08	1708	50	3.5	6.0	21.0	7.1	5.6	68	760	22,800	NA	NA
93/06/08	1709	50	5.0	6.0	20.5	7.0	4.2	53	760	32,600	NA	NA
93/06/21	1008	50	0.5	5.0	24.5	6.8	7.0	85	760	2,680	NA	NA
93/06/21	1009	50	1.5	5.0	25.5	7.0	5.0	64	760	11,800	NA	NA
93/06/21	1010	50	3.5	5.0	26.0	7.1	3.9	53	760	25,600	NA	NA
93/06/21	1011	50	4.0	5.0	26.0	7.0	2.6	35	760	27,300	NA	NA
93/06/21	1554	50	0.5	6.0	27.5	7.2	8.2	107	760	6,600	3.5	NA
93/06/21	1555	50	1.5	6.0	27.5	7.5	8.2	107	760	10,000	3.5	NA
93/06/21	1556	50	3.5	6.0	26.5	7.8	8.1	111	760	25,900	3.5	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
400353074074900 Metedeconk River 1,200 feet downstream from Route 70 at Laurelton (continued)												
93/06/21	1557	50	5.0	6.0	26.5	7.6	6.2	85	760	27,800	3.5	NA
93/07/08	1015	50	0.5	5.0	28.0	6.7	6.4	83	760	2,460	2.5	NA
93/07/08	1016	50	1.5	5.0	28.0	6.9	6.5	85	760	4,650	2.5	NA
93/07/08	1017	50	3.5	5.0	28.5	7.1	4.0	57	760	26,800	2.5	NA
93/07/08	1018	50	4.5	5.0	28.5	7.0	3.0	43	760	30,800	2.5	NA
93/07/20	1020	50	0.5	6.0	22.0	6.1	5.0	57	760	400	1.5	NA
93/07/20	1021	50	1.5	6.0	21.5	6.2	4.9	56	760	400	1.5	NA
93/07/20	1022	50	3.5	6.0	21.5	6.4	5.0	57	760	800	1.5	NA
93/07/20	1023	50	5.0	6.0	24.0	6.9	2.9	37	760	21,700	1.5	NA
93/07/20	1024	50	5.5	6.0	24.0	6.6	2.6	34	760	27,400	1.5	NA
93/07/20	1610	50	0.5	5.0	24.5	6.1	7.5	90	760	400	2.0	NA
93/07/20	1611	50	1.5	5.0	24.5	6.1	7.5	90	760	400	2.0	NA
93/07/20	1612	50	3.5	5.0	24.5	6.2	7.3	88	760	600	2.0	NA
93/07/20	1613	50	4.5	5.0	24.0	6.2	6.8	82	760	1,450	2.0	NA
93/08/03	1715	50	0.5	5.0	28.0	6.9	7.4	96	760	4,030	3.0	NA
93/08/03	1716	50	1.5	5.0	28.0	7.3	7.9	105	760	11,400	3.0	NA
93/08/03	1717	50	3.5	5.0	28.0	7.2	4.3	61	760	28,600	3.0	NA
93/08/03	1718	50	4.5	5.0	28.0	7.2	4.8	69	760	30,200	3.0	NA
93/08/26	1010	50	0.5	5.5	25.0	6.6	5.6	68	765	2,100	4.0	NA
93/08/26	1011	50	1.5	5.5	24.5	6.9	5.4	66	765	5,540	4.0	NA
93/08/26	1012	50	3.5	5.5	26.5	7.2	3.6	50	765	30,400	4.0	NA
93/08/26	1013	50	5.0	5.5	27.0	7.2	3.2	44	765	31,200	4.0	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
400353074074900 Metedeconk River 1,200 feet downstream from Route 70 at Laurelton (continued)												
93/08/26	1545	50	0.5	5.0	29.5	7.0	8.2	109	765	5,740	2.0	NA
93/08/26	1546	50	1.5	5.0	28.0	7.3	8.9	117	765	8,570	2.0	NA
93/08/26	1547	50	3.5	5.0	28.0	7.6	7.8	108	765	25,300	2.0	NA
93/08/26	1548	50	4.5	5.0	28.0	7.5	6.3	88	765	29,000	2.0	NA
93/09/22	1030	50	0.5	4.0	17.0	6.6	7.1	73	765	700	NA	NA
93/09/22	1031	50	1.5	4.0	17.0	6.9	6.9	71	765	1,500	NA	NA
93/09/22	1032	50	3.5	4.0	19.0	7.1	5.2	62	765	30,300	NA	NA
93/09/29	1005	50	0.5	4.5	16.0	5.9	7.1	72	765	100	3.0	NA
93/09/29	1006	50	1.5	4.5	16.0	5.9	7.1	72	765	100	3.0	NA
93/09/29	1007	50	3.5	4.5	16.0	5.8	7.3	74	765	100	3.0	NA
93/09/29	1440	50	0.5	4.0	18.0	6.0	8.0	84	765	200	3.5	NA
93/09/29	1441	50	1.5	4.0	18.0	6.0	8.0	84	765	200	3.5	NA
93/09/29	1442	50	3.5	4.0	18.0	6.1	8.0	84	765	200	3.5	NA
93/10/26	1010	50	0.5	5.0	12.5	6.8	8.5	79	770	500	NA	NA
93/10/26	1011	50	1.5	5.0	12.5	6.8	8.5	79	770	600	NA	NA
93/10/26	1012	50	3.5	5.0	12.5	7.1	7.3	68	770	1,560	NA	NA
93/10/26	1013	50	4.5	5.0	15.0	6.7	6.9	75	770	27,600	NA	NA
93/10/26	1435	50	0.5	5.0	12.5	6.7	NA	NA	770	500	NA	NA
93/10/26	1436	50	1.5	5.0	12.5	7.0	NA	NA	770	600	NA	NA
93/10/26	1437	50	3.5	5.0	13.0	7.1	NA	NA	770	1,810	NA	NA
93/10/26	1438	50	4.5	5.0	15.0	6.6	NA	NA	770	26,700	NA	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
400343074073400 Metedeconk River 0.6 miles downstream from Route 70 at Laurelton												
92/10/15	1225	50	4.5	5.0	18.5	7.8	7.9	96	765	34,600	1.5	NA
92/10/15	1230	50	2.5	5.0	18.5	7.9	8.3	100	765	33,300	1.5	NA
92/10/15	1235	50	0.5	5.0	18.5	8.0	7.6	83	765	7,960	1.5	NA
92/10/15	1655	50	4.5	5.0	19.0	7.9	8.9	109	765	34,700	3.5	NA
92/10/15	1700	50	2.5	5.0	19.0	8.0	8.8	107	765	34,200	3.5	NA
92/10/15	1705	50	0.5	5.0	19.5	7.9	8.3	97	765	20,100	3.5	NA
92/11/09	1210	50	3.5	4.0	11.0	8.2	8.3	85	775	35,600	NA	NA
92/11/09	1220	50	1.5	4.0	11.5	8.2	8.4	87	775	35,500	NA	NA
92/11/09	1230	50	0.5	4.0	11.0	8.2	7.9	81	775	35,300	NA	NA
92/11/09	1240	50	0.5	4.0	9.5	7.4	6.7	61	775	17,100	NA	NA
92/11/09	1715	50	0.5	2.5	NA	NA	NA	NA	NA	11,500	NA	NA
92/11/09	1716	50	2.5	2.5	NA	NA	NA	NA	NA	35,600	NA	NA
92/12/15	0910	50	0.5	5.0	3.5	6.1	10.8	81	770	800	NA	NA
92/12/15	0911	50	1.5	5.0	4.0	6.8	10.0	81	770	18,400	NA	NA
92/12/15	0912	50	3.5	5.0	5.5	7.4	9.0	81	770	33,500	NA	NA
92/12/15	1515	50	0.5	6.0	4.5	6.7	10.6	82	770	2,410	NA	NA
92/12/15	1516	50	1.5	6.0	5.0	7.6	10.5	82	770	3,070	NA	NA
92/12/15	1517	50	3.5	6.0	5.5	7.8	8.9	81	770	35,700	NA	NA
92/12/15	1518	50	5.0	6.0	6.0	7.6	9.2	85	770	37,300	NA	NA
93/01/14	1050	50	0.5	4.5	5.0	7.6	10.9	85	765	2,600	>4.5	NA
93/01/14	1051	50	0.5	4.5	5.0	7.4	10.8	85	765	5,470	>4.5	NA
93/01/14	1052	50	2.5	4.5	4.5	6.8	10.2	91	765	35,700	>4.5	NA
93/01/14	1053	50	4.0	4.5	4.5	6.4	9.3	84	765	37,600	>4.5	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
400343074073400 Metedeconk River 0.6 miles downstream from Route 70 at Laurelton (continued)												
93/02/09	1050	50	0.5	4.5	2.0	7.6	12.6	92	775	7,280	>4.5	NA
93/02/09	1051	50	1.5	4.5	2.5	7.2	12.1	102	775	37,700	>4.5	NA
93/02/09	1052	50	4.0	4.5	2.5	7.2	12.3	107	775	42,500	>4.5	NA
93/02/09	1555	50	0.5	4.5	3.5	7.3	12.5	96	775	11,500	3.5	NA
93/02/09	1556	50	1.5	4.5	3.5	7.4	12.2	97	775	19,800	3.5	NA
93/02/09	1557	50	3.5	4.5	3.5	7.3	12.4	107	775	37,300	3.5	NA
93/02/09	1558	50	4.0	4.5	3.5	7.1	13.2	116	775	38,700	3.5	NA
93/03/26	0930	50	0.5	3.5	7.5	6.2	10.9	90	765	200	>3.5	NA
93/03/26	0931	50	1.5	3.5	7.0	6.8	11.0	91	765	500	>3.5	NA
93/03/26	0932	50	3.5	3.5	6.5	7.1	11.2	96	765	12,600	>3.5	NA
93/03/26	1500	50	0.5	4.0	10.0	6.4	10.7	94	765	200	3.5	NA
93/03/26	1501	50	1.5	4.0	9.5	7.2	10.9	95	765	700	3.5	NA
93/03/26	1502	50	3.5	4.0	9.5	6.1	10.5	103	765	29,300	3.5	NA
93/04/08	0930	50	0.5	5.0	9.0	7.0	10.2	87	765	300	3.5	NA
93/04/08	0931	50	1.5	5.0	9.0	7.0	10.7	96	765	10,500	3.5	NA
93/04/08	0932	50	2.5	5.0	9.0	7.2	10.5	97	765	17,600	3.5	NA
93/04/08	0933	50	4.0	5.0	9.0	7.1	10.3	95	765	19,500	3.5	NA
93/04/08	1515	50	0.5	4.5	11.5	6.3	10.1	92	765	800	NA	NA
93/04/08	1516	50	0.5	4.5	11.5	6.5	10.1	92	765	800	NA	NA
93/04/08	1517	50	2.5	4.5	11.5	6.6	10.1	92	765	1,100	NA	NA
93/04/08	1518	50	4.0	4.5	10.0	6.9	10.4	98	765	18,100	NA	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
400343074073400 Metedeconk River 0.6 miles downstream from Route 70 at Laurelton (continued)												
93/04/22	1000	50	0.5	5.5	16.0	6.8	8.5	88	750	2,310	NA	NA
93/04/22	1001	50	1.5	5.5	16.0	6.9	8.4	87	750	2,370	NA	NA
93/04/22	1002	50	3.5	5.5	16.0	7.0	7.8	81	750	2,970	NA	NA
93/04/22	1003	50	5.0	5.5	16.5	6.8	6.1	68	750	18,400	NA	NA
93/04/22	1510	50	0.5	5.0	15.5	7.0	8.5	87	750	1,000	NA	NA
93/04/22	1511	50	1.5	5.0	15.5	7.1	8.1	84	750	6,030	NA	NA
93/04/22	1512	50	3.5	5.0	16.0	7.3	7.5	83	750	20,500	NA	NA
93/04/22	1513	50	4.5	5.0	16.0	7.2	7.8	87	750	22,800	NA	NA
93/05/06	0920	50	0.5	5.0	18.0	7.1	7.9	84	760	2,590	4.0	NA
93/05/06	0921	50	1.5	5.0	17.5	7.6	8.4	92	760	10,000	4.0	NA
93/05/06	0922	50	3.5	5.0	17.5	8.1	9.4	110	760	30,400	4.0	NA
93/05/06	0923	50	4.5	5.0	17.0	8.0	9.4	109	760	30,600	4.0	NA
93/05/06	1445	50	0.5	4.5	20.0	7.4	8.5	96	760	5,990	4.0	NA
93/05/06	1446	50	1.5	4.5	19.0	7.6	9.0	103	760	15,700	4.0	NA
93/05/06	1447	50	3.5	4.5	17.0	8.0	9.5	112	760	32,900	4.0	NA
93/05/20	0950	50	0.5	5.0	15.5	7.2	7.3	75	755	2,360	NA	NA
93/05/20	0951	50	1.5	5.0	18.0	7.1	4.4	51	755	24,400	NA	NA
93/05/20	0952	50	3.5	5.0	19.0	7.1	4.0	48	755	28,300	NA	NA
93/05/20	0953	50	4.0	5.0	19.0	7.0	3.8	46	755	29,000	NA	NA
93/05/20	1610	50	0.5	4.5	17.0	7.0	6.4	68	755	5,250	NA	NA
93/05/20	1611	50	1.5	4.5	19.0	6.8	2.6	31	755	24,500	NA	NA
93/05/20	1612	50	4.0	4.5	19.5	6.6	2.5	30	755	27,100	NA	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
400343074073400 Metedeconk River 0.6 miles downstream from Route 70 at Laurelton (continued)												
93/06/08	1200	50	0.5	4.5	21.5	7.1	7.3	87	760	15,700	4.0	NA
93/06/08	1201	50	1.5	4.5	21.5	7.2	7.4	90	760	20,100	4.0	NA
93/06/08	1202	50	3.5	4.5	20.5	7.2	6.2	78	760	32,500	4.0	NA
93/06/08	1203	50	4.0	4.5	20.0	7.3	6.7	83	760	32,700	4.0	NA
93/06/08	1716	50	0.5	5.0	23.0	7.3	8.3	102	760	15,200	NA	NA
93/06/08	1717	50	1.5	5.0	22.5	7.4	8.2	101	760	16,100	NA	NA
93/06/08	1718	50	3.5	5.0	22.0	7.5	7.6	96	760	28,200	NA	NA
93/06/08	1719	50	5.0	5.0	20.5	7.4	6.4	81	760	32,900	NA	NA
93/06/21	1018	50	0.5	5.0	25.0	7.0	6.4	80	760	6,740	NA	NA
93/06/21	1019	50	1.5	5.0	26.0	7.5	5.2	70	760	26,700	NA	NA
93/06/21	1020	50	3.5	5.0	26.0	7.4	4.7	64	760	28,700	NA	NA
93/06/21	1021	50	4.0	5.0	26.0	7.3	4.7	64	760	28,900	NA	NA
93/06/21	1603	50	0.5	4.5	28.0	8.1	9.2	126	760	21,000	1.5	NA
93/06/21	1604	50	1.5	4.5	27.5	8.1	9.2	127	760	25,600	1.5	NA
93/06/21	1605	50	3.5	4.5	27.0	7.9	7.0	97	760	27,900	1.5	NA
93/06/21	1606	50	4.0	4.5	26.5	7.8	6.8	94	760	28,900	1.5	NA
93/07/08	1025	50	0.5	5.0	29.0	7.1	6.3	88	760	21,100	2.0	NA
93/07/08	1026	50	1.5	5.0	29.0	7.3	5.2	75	760	30,600	2.0	NA
93/07/08	1027	50	3.5	5.0	28.0	7.4	4.7	68	760	33,700	2.0	NA
93/07/08	1028	50	4.5	5.0	28.0	7.3	4.4	64	760	33,900	2.0	NA
93/07/20	1035	50	0.5	5.0	22.5	6.6	5.0	58	760	2,160	1.5	NA
93/07/20	1036	50	1.5	5.0	23.0	6.9	4.1	51	760	18,400	1.5	NA
93/07/20	1037	50	3.5	5.0	24.5	7.2	2.9	39	760	32,000	1.5	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
400343074073400 Metedeconk River 0.6 miles downstream from Route 70 at Laurelton (continued)												
93/07/20	1038	50	4.5	5.0	24.5	7.0	3.0	40	760	32,200	1.5	NA
93/07/20	1615	50	0.5	5.0	25.0	6.5	6.7	82	760	2,350	1.5	NA
93/07/20	1616	50	1.5	5.0	25.0	7.1	5.5	70	760	14,800	1.5	NA
93/07/20	1617	50	3.5	5.0	25.0	7.2	4.3	58	760	29,600	1.5	NA
93/07/20	1618	50	4.5	5.0	25.0	7.0	3.9	53	760	31,800	1.5	NA
93/08/03	1725	50	0.5	4.5	29.0	8.0	9.9	135	760	13,600	2.0	NA
93/08/03	1726	50	1.5	4.5	29.5	8.2	8.3	118	760	23,200	2.0	NA
93/08/03	1727	50	3.5	4.5	28.5	7.6	6.4	92	760	30,600	2.0	NA
93/08/26	1020	50	0.5	4.5	26.0	7.0	6.3	79	765	8,640	2.0	NA
93/08/26	1021	50	1.5	4.5	27.0	7.6	6.7	93	765	29,000	2.0	NA
93/08/26	1022	50	3.5	4.5	27.0	7.7	6.2	87	765	32,700	2.0	NA
93/08/26	1600	50	0.5	4.5	31.0	8.6	12.6	181	765	22,400	1.5	NA
93/08/26	1601	50	1.5	4.5	30.5	8.5	12.4	179	765	25,500	1.5	NA
93/08/26	1602	50	3.5	4.5	29.5	8.2	10.6	152	765	27,000	1.5	NA
93/09/22	1045	50	0.5	4.5	17.5	6.9	7.0	74	765	5,270	NA	NA
93/09/22	1046	50	1.5	4.5	18.0	7.6	7.3	86	765	30,700	NA	NA
93/09/22	1047	50	3.5	4.5	19.5	7.4	5.5	70	765	41,000	NA	NA
93/09/29	1010	50	0.5	4.5	16.5	7.0	7.2	74	765	1,490	3.0	NA
93/09/29	1011	50	1.5	4.5	17.5	7.4	8.0	90	765	21,900	3.0	NA
93/09/29	1012	50	3.5	4.5	20.0	8.0	8.7	106	765	29,600	3.0	NA
93/09/29	1445	50	0.5	4.0	18.0	6.6	8.0	84	765	400	3.0	NA
93/09/29	1446	50	1.5	4.0	18.5	6.7	8.1	87	765	3,090	3.0	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
400343074073400 Metedeconk River 0.6 miles downstream from Route 70 at Laurelton (continued)												
93/09/29	1447	50	3.5	4.0	20.5	7.7	6.1	77	765	35,400	3.0	NA
93/10/26	1020	50	0.5	4.5	13.0	7.3	9.0	85	770	2,490	NA	NA
93/10/26	1021	50	1.5	4.5	13.0	7.5	9.0	85	770	3,440	NA	NA
93/10/26	1022	50	4.0	4.5	15.5	7.4	7.9	88	770	31,100	NA	NA
93/10/26	1440	50	0.5	4.5	13.0	7.0	NA	NA	770	900	NA	NA
93/10/26	1441	50	1.5	4.5	13.0	7.1	NA	NA	770	2,510	NA	NA
93/10/26	1442	50	3.5	4.5	14.0	7.3	NA	NA	770	9,940	NA	NA
93/10/26	1443	50	4.0	4.5	15.0	7.1	NA	NA	770	26,900	NA	NA
400337074071600 Metedeconk River 0.9 miles downstream from Route 70 at Laurelton												
92/10/15	1320	50	1.5	3.5	18.0	NA	NA	NA	NA	25,500	NA	NA
92/10/15	1635	50	5.0	5.0	19.0	7.9	8.9	108	765	34,500	3.5	NA
92/10/15	1640	50	2.5	5.0	19.0	8.0	9.0	110	765	34,500	3.5	NA
92/10/15	1645	50	0.5	5.0	19.5	7.9	8.6	104	765	29,300	3.5	NA
92/11/09	1130	50	2.5	4.0	10.5	8.2	7.6	78	775	36,200	NA	NA
92/11/09	1140	50	0.5	4.0	10.5	8.2	7.9	80	775	35,200	NA	NA
92/11/09	1725	50	0.5	3.5	NA	NA	NA	NA	NA	27,700	NA	NA
92/11/09	1726	50	2.5	3.5	NA	NA	NA	NA	NA	33,000	NA	NA
92/11/09	1727	50	3.5	3.5	NA	NA	NA	NA	NA	36,600	NA	NA
92/12/15	0935	50	0.5	6.0	4.0	6.5	10.9	82	770	1,000	NA	NA
92/12/15	0936	50	1.5	6.0	4.0	7.0	10.8	82	770	3,220	NA	NA
92/12/15	0937	50	3.5	6.0	5.5	7.7	9.9	90	770	35,400	NA	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
400337074071600 Metedeconk River 0.9 miles downstream from Route 70 at Laurelton (continued)												
92/12/15	0938	50	5.0	6.0	6.0	7.7	9.6	89	770	37,400	NA	NA
92/12/15	1525	50	0.5	6.5	5.5	6.7	10.6	86	770	8,100	NA	NA
92/12/15	1526	50	1.5	6.5	5.5	7.8	10.6	85	770	5,720	NA	NA
92/12/15	1527	50	3.5	6.5	5.5	7.8	9.2	83	770	34,300	NA	NA
92/12/15	1528	50	5.0	6.5	6.0	7.4	9.6	88	770	36,800	NA	NA
93/01/14	1104	50	0.5	5.0	4.5	7.6	10.7	85	765	7,980	>5.0	NA
93/01/14	1105	50	1.5	5.0	4.5	7.3	10.3	93	765	38,100	>5.0	NA
93/01/14	1106	50	3.5	5.0	4.5	7.3	10.0	91	765	39,000	>5.0	NA
93/01/14	1107	50	5.0	5.0	4.5	7.2	9.9	90	765	39,000	>5.0	NA
93/02/09	1100	50	0.5	5.0	2.0	7.2	12.1	98	775	33,200	>5.0	NA
93/02/09	1101	50	1.5	5.0	2.0	7.3	12.2	100	775	35,600	>5.0	NA
93/02/09	1102	50	3.5	5.0	2.0	7.4	12.3	105	775	41,900	>5.0	NA
93/02/09	1103	50	4.0	5.0	3.0	7.3	12.1	106	775	43,400	>5.0	NA
93/02/09	1605	50	0.5	5.0	3.0	7.2	12.4	100	775	22,900	>5.0	NA
93/02/09	1606	50	1.5	5.0	2.0	7.3	12.8	103	775	31,000	>5.0	NA
93/02/09	1607	50	3.5	5.0	3.0	7.4	12.4	105	775	34,800	>5.0	NA
93/02/09	1608	50	4.5	5.0	3.0	7.3	14.1	122	775	38,800	>5.0	NA
93/03/26	0945	50	0.5	4.5	7.5	7.6	11.1	92	765	700	3.5	NA
93/03/26	0946	50	1.5	4.5	6.5	7.7	11.9	103	765	16,000	3.5	NA
93/03/26	0947	50	3.5	4.5	5.5	8.0	12.8	116	765	33,500	3.5	NA
93/03/26	1510	50	0.5	4.5	10.0	6.9	10.8	95	765	700	3.5	NA
93/03/26	1511	50	1.5	4.5	8.5	7.8	11.6	106	765	16,700	3.5	NA
93/03/26	1512	50	3.5	4.5	6.5	8.3	13.8	127	765	33,500	3.5	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
400337074071600 Metedeconk River 0.9 miles downstream from Route 70 at Laurelton (continued)												
93/04/08	0945	50	0.5	5.0	9.0	7.3	10.2	89	765	1,150	3.5	NA
93/04/08	0946	50	1.5	5.0	9.0	7.7	10.8	100	765	18,600	3.5	NA
93/04/08	0947	50	2.5	5.0	8.5	7.6	10.3	95	765	20,200	3.5	NA
93/04/08	0948	50	4.0	5.0	8.5	7.4	10.6	98	765	21,600	3.5	NA
93/04/08	1530	50	0.5	5.0	12.5	7.0	10.7	102	765	5,360	NA	NA
93/04/08	1531	50	1.5	5.0	12.5	7.1	10.8	103	765	6,040	NA	NA
93/04/08	1532	50	3.5	5.0	12.0	7.1	10.1	97	765	12,500	NA	NA
93/04/08	1533	50	5.0	5.0	10.0	7.1	11.3	107	765	19,000	NA	NA
93/04/22	1010	50	0.5	5.5	16.0	7.0	8.4	88	750	5,150	NA	NA
93/04/22	1011	50	1.5	5.5	16.0	7.0	8.3	87	750	5,140	NA	NA
93/04/22	1012	50	3.5	5.5	16.0	7.0	7.8	83	750	8,890	NA	NA
93/04/22	1013	50	5.0	5.5	16.0	6.9	5.3	59	750	20,300	NA	NA
93/04/22	1525	50	0.5	5.0		NA	NA	NA	NA	7,970	NA	NA
93/04/22	1526	50	1.5	5.0	15.5	7.2	8.4	90	750	13,000	NA	NA
93/04/22	1527	50	3.5	5.0	15.5	7.7	8.8	98	750	23,500	NA	NA
93/04/22	1528	50	4.5	5.0	15.5	7.3	7.6	85	750	24,000	NA	NA
93/05/06	0935	50	0.5	5.5	17.5	7.8	8.8	99	760	18,700	4.0	NA
93/05/06	0936	50	1.5	5.5	17.5	7.9	9.0	102	760	21,000	4.0	NA
93/05/06	0937	50	3.5	5.5	16.5	8.0	8.4	97	760	31,500	4.0	NA
93/05/06	0938	50	5.0	5.5	16.5	7.8	8.4	97	760	31,800	4.0	NA
93/05/06	1455	50	0.5	4.5	19.0	NA	7.5	86	760	16,800	4.0	NA
93/05/06	1456	50	1.5	4.5	18.5	7.9	9.9	119	760	31,400	4.0	NA
93/05/06	1457	50	3.5	4.5	16.0	8.1	10.3	119	760	33,900	4.0	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
400337074071600 Metedeconk River 0.9 miles downstream from Route 70 at Laurelton (continued)												
93/05/20	1000	50	0.5	5.0	16.0	7.0	7.0	73	755	5,580	NA	NA
93/05/20	1001	50	1.5	5.0	18.5	7.1	4.7	56	755	26,200	NA	NA
93/05/20	1002	50	3.5	5.0	19.0	7.2	4.3	52	755	28,800	NA	NA
93/05/20	1003	50	4.5	5.0	19.0	6.9	3.8	46	755	29,300	NA	NA
93/05/20	1620	50	0.5	5.0	17.0	7.0	7.6	81	755	5,510	NA	NA
93/05/20	1621	50	1.5	5.0	17.0	7.2	4.7	52	755	14,000	NA	NA
93/05/20	1622	50	3.5	5.0	19.0	6.9	3.8	46	755	26,700	NA	NA
93/05/20	1623	50	4.0	5.0	19.0	6.6	2.9	35	755	28,900	NA	NA
93/07/20	1040	50	0.5	5.0	23.0	6.9	4.7	57	760	9,600	1.5	NA
93/07/20	1041	50	1.5	5.0	24.5	7.2	2.9	39	760	32,100	1.5	NA
93/07/20	1042	50	3.5	5.0	24.5	7.2	2.5	34	760	32,500	1.5	NA
93/07/20	1043	50	4.5	5.0	24.5	7.0	2.6	35	760	32,600	1.5	NA
93/08/26	1025	50	0.5	5.0	27.0	7.3	7.7	100	765	10,900	2.5	NA
93/08/26	1026	50	1.5	5.0	27.0	7.9	6.4	90	765	33,100	2.5	NA
93/08/26	1027	50	3.5	5.0	26.5	7.9	5.8	81	765	34,000	2.5	NA
93/08/26	1028	50	4.5	5.0	26.5	7.6	4.6	64	765	34,200	2.5	NA
93/08/26	1610	50	0.5	4.5	30.0	8.4	11.4	166	765	29,500	1.5	NA
93/08/26	1611	50	1.5	4.5	30.0	8.5	11.2	163	765	29,300	1.5	NA
93/08/26	1612	50	3.5	4.5	29.5	8.3	9.0	131	765	30,100	1.5	NA
93/08/26	1613	50	4.0	4.5	29.5	8.2	9.6	139	765	30,300	1.5	NA
93/09/29	1020	50	0.5	4.5	17.5	7.4	8.0	88	765	13,700	3.0	NA
93/09/29	1021	50	1.5	4.5	18.0	7.7	8.8	98	765	16,300	3.0	NA
93/09/29	1022	50	3.5	4.5	20.0	8.0	8.4	103	765	30,700	3.0	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
					01408160 Metedeconk River near Laurelton							
92/10/15	1310	50	4.5	8.5	18.0	NA	NA	NA	NA	34,600	NA	NA
92/10/15	1615	50	4.0	8.0	18.5	NA	NA	NA	NA	39,400	NA	NA
92/11/09	1103	50	5.5	7.0	9.5	8.2	7.9	79	775	36,900	6.0	NA
92/11/09	1110	50	4.0	7.0	8.5	8.9	7.9	77	775	35,300	6.0	NA
92/11/09	1115	50	2.5	7.0	8.5	8.3	9.1	86	775	30,100	6.0	NA
92/11/09	1120	50	0.5	7.0	8.5	8.2	8.7	83	775	32,700	6.0	NA
92/11/09	1730	50	0.5	6.5	NA	NA	NA	NA	NA	300	NA	NA
92/11/09	1731	50	1.5	6.5	NA	NA	NA	NA	NA	33,200	NA	NA
92/11/09	1732	50	3.5	6.5	NA	NA	NA	NA	NA	33,400	NA	NA
92/11/09	1733	50	5.0	6.5	NA	NA	NA	NA	NA	33,800	NA	NA
92/11/09	1734	50	6.5	6.5	NA	NA	NA	NA	NA	37,500	NA	NA
92/12/15	0945	50	0.5	9.0	3.5	7.2	10.8	82	770	4,860	5.0	NA
92/12/15	0946	50	1.5	9.0	4.5	7.7	10.4	84	770	14,100	5.0	NA
92/12/15	0947	50	3.5	9.0	5.0	8.0	9.7	87	770	35,300	5.0	NA
92/12/15	0948	50	5.0	9.0	5.5	7.9	9.0	83	770	37,300	5.0	NA
92/12/15	0949	50	6.5	9.0	5.5	7.9	9.0	83	770	38,000	5.0	NA
92/12/15	0950	50	8.0	9.0	6.0	7.8	9.2	85	770	38,600	5.0	NA
92/12/15	0951	10	0.5	8.0	4.0	6.8	10.8	82	770	3,720	NA	NA
92/12/15	0952	10	1.5	8.0	4.0	7.1	10.7	83	770	7,050	NA	NA
92/12/15	0953	10	3.5	8.0	5.5	7.8	9.4	85	770	34,900	NA	NA
92/12/15	0954	10	5.0	8.0	5.5	7.8	8.7	80	770	37,500	NA	NA
92/12/15	0955	10	6.5	8.0	6.0	7.4	7.8	73	770	38,000	NA	NA
92/12/15	1530	50	0.5	10.0	6.0	7.2	10.8	88	770	9,050	3.5	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
01408160 Metedeconk River near Laurelton (continued)												
92/12/15	1531	50	1.5	10.0	5.5	7.6	10.0	83	770	14,500	3.5	NA
92/12/15	1532	50	3.5	10.0	5.5	7.9	9.9	90	770	36,000	3.5	NA
92/12/15	1533	50	5.0	10.0	5.5	7.9	8.8	81	770	37,400	3.5	NA
92/12/15	1534	50	6.5	10.0	6.0	7.8	8.4	78	770	38,200	3.5	NA
92/12/15	1535	50	8.0	10.0	6.0	7.6	10.6	99	770	38,500	3.5	NA
92/12/15	1540	10	0.5	8.0	5.5	7.4	11.1	89	770	5,670	NA	NA
92/12/15	1541	10	1.5	8.0	5.5	7.7	11.0	89	770	6,080	NA	NA
92/12/15	1542	10	3.5	8.0	5.5	7.9	9.0	82	770	36,600	NA	NA
92/12/15	1543	10	5.0	8.0	6.0	7.8	8.4	78	770	38,200	NA	NA
92/12/15	1544	10	6.5	8.0	6.0	7.5	8.5	79	770	38,000	NA	NA
93/01/14	1120	10	0.5	7.0	3.5	7.4	12.0	98	765	20,600	>7.0	NA
93/01/14	1121	10	1.5	7.0	4.0	7.4	10.8	94	765	32,100	>7.0	NA
93/01/14	1122	10	3.5	7.0	4.5	7.3	9.5	86	765	39,100	>7.0	NA
93/01/14	1123	10	5.0	7.0	4.5	7.2	8.8	80	765	40,600	>7.0	NA
93/01/14	1124	10	6.5	7.0	4.5	7.1	8.9	81	765	40,700	>7.0	NA
93/01/14	1135	50	0.5	8.0	4.0	7.5	11.7	96	765	21,700	6.0	NA
93/01/14	1136	50	1.5	8.0	4.0	7.6	12.0	100	765	23,200	6.0	NA
93/01/14	1137	50	3.5	8.0	4.5	7.4	10.7	96	765	37,600	6.0	NA
93/01/14	1138	50	5.0	8.0	4.5	7.4	10.2	92	765	39,800	6.0	NA
93/01/14	1139	50	6.5	8.0	4.5	7.2	9.6	88	765	40,800	6.0	NA
93/01/14	1140	50	8.0	8.0	4.5	7.2	9.5	86	765	40,700	6.0	NA
93/02/09	1115	50	0.5	8.0	1.0	7.3	12.4	98	775	32,700	7.0	NA
93/02/09	1116	50	1.5	8.0	1.0	7.3	12.3	98	775	33,800	7.0	NA
93/02/09	1117	50	3.5	8.0	1.0	7.4	12.4	99	775	34,100	7.0	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
01408160 Metedeconk River near Laurelton (continued)												
93/02/09	1118	50	5.0	8.0	2.0	7.4	12.2	105	775	44,100	7.0	NA
93/02/09	1119	50	6.5	8.0	2.5	7.3	12.3	107	775	45,100	7.0	NA
93/02/09	1135	10	0.5	7.0	1.0	7.3	12.4	99	775	33,900	>7.0	NA
93/02/09	1136	10	1.5	7.0	1.0	7.3	12.3	98	775	33,900	>7.0	NA
93/02/09	1137	10	3.5	7.0	1.0	7.4	12.5	100	775	34,300	>7.0	NA
93/02/09	1138	10	5.0	7.0	2.0	7.4	12.4	107	775	43,600	>7.0	NA
93/02/09	1139	10	6.5	7.0	2.5	7.3	12.5	109	775	45,200	>7.0	NA
93/02/09	1610	50	0.5	7.5	1.5	7.4	12.4	100	775	33,500	>7.5	NA
93/02/09	1611	50	1.5	7.5	1.5	7.4	12.4	100	775	33,600	>7.5	NA
93/02/09	1612	50	3.5	7.5	1.5	7.4	12.4	100	775	33,900	>7.5	NA
93/02/09	1613	50	5.0	7.5	2.0	7.4	12.8	108	775	38,600	>7.5	NA
93/02/09	1614	50	7.0	7.5	3.0	7.3	12.4	109	775	44,200	>7.5	NA
93/03/26	1000	10	0.5	6.5	8.0	7.6	11.3	98	765	8,740	3.5	NA
93/03/26	1001	10	1.5	6.5	6.5	8.1	12.3	110	765	25,300	3.5	NA
93/03/26	1002	10	3.5	6.5	5.0	8.3	13.1	118	765	34,700	3.5	NA
93/03/26	1003	10	5.0	6.5	5.0	8.3	13.4	122	765	36,500	3.5	NA
93/03/26	1004	10	6.0	6.5	5.0	8.2	13.2	121	765	37,900	3.5	NA
93/03/26	1010	50	0.5	7.5	7.5	7.4	11.2	96	765	6,800	3.5	NA
93/03/26	1011	50	1.5	7.5	8.0	7.8	12.0	104	765	9,210	3.5	NA
93/03/26	1012	50	3.5	7.5	5.5	8.4	13.3	121	765	34,300	3.5	NA
93/03/26	1013	50	5.0	7.5	5.0	8.4	12.9	118	765	36,500	3.5	NA
93/03/26	1014	50	6.5	7.5	5.0	8.2	13.1	120	765	38,300	3.5	NA
93/03/26	1020	90	0.5	4.5	8.5	7.5	11.1	96	765	5,620	3.5	NA
93/03/26	1021	90	1.5	4.5	8.0	7.8	12.1	106	765	10,500	3.5	NA
93/03/26	1022	90	3.5	4.5	5.5	8.3	13.3	122	765	35,500	3.5	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
					01408160 Metedeconk River near Laurelton (continued)							
93/03/26	1515	50	0.5	8.0	11.0	7.8	11.3	105	765	7,820	3.5	NA
93/03/26	1516	50	1.5	8.0	7.0	8.1	12.7	116	765	27,500	3.5	NA
93/03/26	1517	50	3.5	8.0	5.5	8.3	13.5	124	765	34,700	3.5	NA
93/03/26	1518	50	5.0	8.0	5.5	8.4	13.6	125	765	36,900	3.5	NA
93/03/26	1519	50	6.5	8.0	5.5	8.1	12.6	116	765	38,400	3.5	NA
93/03/26	1520	10	0.5	6.5	11.0	7.8	11.2	104	765	8,530	3.5	NA
93/03/26	1521	10	1.5	6.5	9.0	8.0	11.5	105	765	16,600	3.5	NA
93/03/26	1522	10	3.5	6.5	6.0	8.4	14.2	131	765	35,800	3.5	NA
93/03/26	1523	10	5.0	6.5	5.5	8.5	14.6	134	765	36,900	3.5	NA
93/03/26	1524	10	6.0	6.5	5.5	8.3	14.2	131	765	37,500	3.5	NA
93/04/08	1000	90	0.5	4.5	8.0	7.1	11.2	96	765	3,500	3.0	NA
93/04/08	1001	90	1.5	4.5	8.0	7.5	11.3	97	765	4,450	3.0	NA
93/04/08	1002	90	3.5	4.5	8.5	7.4	11.3	104	765	20,100	3.0	NA
93/04/08	1010	50	0.5	8.0	9.5	7.3	10.7	95	765	5,580	4.5	NA
93/04/08	1011	50	1.5	8.0	9.0	7.8	10.7	98	765	16,700	4.5	NA
93/04/08	1012	50	3.5	8.0	9.0	7.9	11.2	104	765	20,700	4.5	NA
93/04/08	1013	50	5.0	8.0	8.5	8.0	11.2	104	765	22,700	4.5	NA
93/04/08	1014	50	7.0	8.0	8.0	8.1	12.1	115	765	31,300	4.5	NA
93/04/08	1020	10	0.5	7.0	9.5	7.6	10.7	95	765	5,140	4.5	NA
93/04/08	1021	10	1.5	7.0	9.5	7.8	11.1	103	765	17,400	4.5	NA
93/04/08	1022	10	3.5	7.0	9.0	7.9	10.7	99	765	20,200	4.5	NA
93/04/08	1023	10	5.0	7.0	8.5	7.9	11.2	104	765	21,900	4.5	NA
93/04/08	1024	10	6.5	7.0	8.0	8.2	11.7	111	765	31,400	4.5	NA
93/04/08	1545	50	0.5	8.5	12.0	7.4	11.1	106	765	8,880	NA	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
01408160 Metedeconk River near Laurelton (continued)												
93/04/08	1546	50	1.5	8.5	12.0	7.5	11.1	105	765	9,030	NA	NA
93/04/08	1547	50	3.5	8.5	11.5	7.5	11.1	105	765	10,700	NA	NA
93/04/08	1548	50	5.0	8.5	9.5	7.5	9.8	92	765	19,000	NA	NA
93/04/08	1549	50	6.5	8.5	8.5	7.9	10.9	103	765	26,300	NA	NA
93/04/08	1550	50	8.0	8.5	8.0	8.0	12.7	122	765	31,600	NA	NA
93/04/08	1600	10	0.5	7.0	12.0	7.5	11.2	107	765	9,120	NA	NA
93/04/08	1601	10	1.5	7.0	11.5	7.5	11.1	105	765	11,100	NA	NA
93/04/08	1602	10	3.5	7.0	11.0	7.6	11.1	105	765	12,000	NA	NA
93/04/08	1603	10	5.0	7.0	11.0	7.6	11.3	107	765	13,000	NA	NA
93/04/08	1604	10	6.5	7.0	9.0	7.8	11.0	103	765	22,800	NA	NA
93/04/22	1030	50	0.5	8.0	15.5	7.7	8.9	97	750	17,400	NA	NA
93/04/22	1031	50	1.5	8.0	15.5	7.7	8.9	97	750	17,800	NA	NA
93/04/22	1032	50	3.5	8.0	15.5	7.7	8.9	97	750	18,000	NA	NA
93/04/22	1033	50	5.0	8.0	15.5	7.8	9.1	101	750	22,700	NA	NA
93/04/22	1034	50	6.5	8.0	15.5	7.8	8.8	98	750	24,000	NA	NA
93/04/22	1035	50	7.0	8.0	15.0	7.7	8.7	96	750	24,600	NA	NA
93/04/22	1045	10	0.5	7.0	15.5	7.7	9.1	99	750	17,600	NA	NA
93/04/22	1046	10	1.5	7.0	15.5	7.7	9.0	98	750	17,900	NA	NA
93/04/22	1047	10	3.5	7.0	15.5	7.7	9.0	98	750	17,900	NA	NA
93/04/22	1048	10	5.0	7.0	16.0	7.7	8.7	97	750	22,400	NA	NA
93/04/22	1049	10	6.5	7.0	15.5	7.7	8.7	97	750	23,700	NA	NA
93/04/22	1545	50	0.5	8.0	15.5	7.6	8.8	95	750	15,100	NA	NA
93/04/22	1546	50	1.5	8.0	15.5	7.6	8.8	95	750	16,500	NA	NA
93/04/22	1547	50	3.5	8.0	15.5	7.6	8.7	94	750	16,100	NA	NA
93/04/22	1548	50	5.0	8.0	15.5	7.7	8.5	94	750	22,400	NA	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
					01408160 Metedeconk River near Laurelton (continued)							
93/04/22	1549	50	6.5	8.0	15.0	7.7	7.4	81	750	23,700	NA	NA
93/04/22	1550	50	7.5	8.0	14.5	7.5	6.4	71	750	26,600	NA	NA
93/05/06	0950	90	0.5	4.5	18.0	8.0	9.3	109	760	28,700	4.0	NA
93/05/06	0951	90	1.5	4.5	18.0	8.0	9.3	109	760	28,600	4.0	NA
93/05/06	0952	90	3.5	4.5	17.5	8.0	9.4	110	760	28,600	4.0	NA
93/05/06	1000	50	0.5	8.0	17.5	8.1	9.3	108	760	27,400	4.0	NA
93/05/06	1001	50	1.5	8.0	17.0	8.1	9.3	107	760	27,500	4.0	NA
93/05/06	1002	50	3.5	8.0	17.0	8.2	9.5	110	760	28,100	4.0	NA
93/05/06	1003	50	5.0	8.0	16.0	8.3	9.9	113	760	32,500	4.0	NA
93/05/06	1004	50	6.5	8.0	15.5	8.0	8.1	93	760	34,100	4.0	NA
93/05/06	1005	50	8.0	8.0	15.5	7.9	8.1	93	760	34,400	4.0	NA
93/05/06	1010	10	0.5	8.0	17.5	8.1	9.0	104	760	26,800	4.0	NA
93/05/06	1011	10	1.5	8.0	17.5	8.1	9.0	104	760	26,700	4.0	NA
93/05/06	1012	10	3.5	8.0	17.5	8.1	9.0	104	760	27,200	4.0	NA
93/05/06	1013	10	5.0	8.0	16.5	8.0	7.5	87	760	32,500	4.0	NA
93/05/06	1014	10	6.5	8.0	15.5	7.9	7.5	86	760	34,000	4.0	NA
93/05/06	1505	50	1.5	7.5	18.0	8.1	9.4	111	760	29,000	4.0	NA
93/05/06	1506	50	3.5	7.5	18.0	8.1	9.6	114	760	28,900	4.0	NA
93/05/06	1507	50	5.0	7.5	17.5	8.2	9.8	115	760	29,900	4.0	NA
93/05/06	1508	50	6.5	7.5	15.5	8.2	10.2	117	760	34,200	4.0	NA
93/05/06	1510	10	0.5	6.5	18.5	8.2	9.6	114	760	28,700	4.0	NA
93/05/06	1511	10	1.5	6.5	18.5	8.2	9.6	114	760	28,900	4.0	NA
93/05/06	1512	10	3.5	6.5	18.0	8.2	9.7	114	760	29,200	4.0	NA
93/05/06	1513	10	5.0	6.5	16.5	8.2	9.7	111	760	29,900	4.0	NA
93/05/06	1514	10	6.0	6.5	16.0	8.3	11.1	128	760	34,100	4.0	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
01408160 Metedeconk River near Laurelton (continued)												
93/05/20	1010	50	0.5	8.0	16.0	7.5	8.5	91	755	14,900	NA	NA
93/05/20	1011	50	1.5	8.0	16.0	7.6	8.3	91	755	17,200	NA	NA
93/05/20	1012	50	3.5	8.0	18.5	7.5	6.8	81	755	28,600	NA	NA
93/05/20	1013	50	5.0	8.0	18.0	7.6	7.0	83	755	29,300	NA	NA
93/05/20	1014	50	6.5	8.0	18.0	7.4	5.7	68	755	30,300	NA	NA
93/05/20	1015	50	7.5	8.0	18.0	7.2	4.7	56	755	30,500	NA	NA
93/05/20	1025	10	0.5	7.0	16.0	7.5	8.2	88	755	13,000	NA	NA
93/05/20	1026	10	1.5	7.0	18.0	7.6	7.3	85	755	26,000	NA	NA
93/05/20	1027	10	3.5	7.0	18.5	7.4	5.8	70	755	29,100	NA	NA
93/05/20	1028	10	5.0	7.0	18.0	7.6	7.1	84	755	29,700	NA	NA
93/05/20	1029	10	6.0	7.0	18.0	7.4	7.1	84	755	29,700	NA	NA
93/05/20	1635	50	0.5	8.0	16.5	7.4	8.9	96	755	10,800	NA	NA
93/05/20	1636	50	1.5	8.0	16.5	7.8	9.0	98	755	14,500	NA	NA
93/05/20	1637	50	3.5	8.0	18.5	7.6	7.3	87	755	28,200	NA	NA
93/05/20	1638	50	5.0	8.0	18.5	7.6	6.9	83	755	29,500	NA	NA
93/05/20	1639	50	6.5	8.0	18.0	7.2	3.2	38	755	30,900	NA	NA
93/05/20	1640	50	7.0	8.0	18.0	7.1	3.2	39	755	33,000	NA	NA
93/06/08	1216	50	0.5	8.0	20.0	8.0	9.3	115	760	31,800	3.5	NA
93/06/08	1217	50	1.5	8.0	20.0	8.0	9.3	115	760	31,800	3.5	NA
93/06/08	1218	50	3.5	8.0	20.0	7.9	8.9	110	760	31,900	3.5	NA
93/06/08	1219	50	5.0	8.0	19.5	7.8	8.3	102	760	32,600	3.5	NA
93/06/08	1220	50	6.5	8.0	19.0	7.4	4.6	57	760	35,000	3.5	NA
93/06/08	1221	50	7.5	8.0	17.5	7.3	3.8	46	760	37,600	3.5	NA
93/06/08	1235	10	0.5	6.5	20.0	8.0	9.4	116	760	32,000	3.0	NA
93/06/08	1236	10	1.5	6.5	20.0	8.0	9.4	116	760	32,000	3.0	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
01408160 Metedeconk River near Laurelton (continued)												
93/06/08	1237	10	3.5	6.5	19.5	8.0	9.2	114	760	32,100	3.0	NA
93/06/08	1238	10	5.0	6.5	19.5	7.8	7.4	91	760	33,000	3.0	NA
93/06/08	1239	10	6.0	6.5	19.0	7.5	6.0	73	760	34,400	3.0	NA
93/06/08	1728	50	0.5	8.0	21.0	8.1	10.1	127	760	32,100	NA	NA
93/06/08	1729	50	1.5	8.0	21.0	8.1	10.1	127	760	32,200	NA	NA
93/06/08	1730	50	3.5	8.0	21.0	8.1	10.1	127	760	32,200	NA	NA
93/06/08	1731	50	5.0	8.0	21.0	8.1	10.0	126	760	32,200	NA	NA
93/06/08	1732	50	6.5	8.0	21.0	8.1	9.9	125	760	32,200	NA	NA
93/06/08	1733	50	7.5	8.0	18.5	7.6	5.3	65	760	34,400	NA	NA
93/06/21	1028	50	0.5	8.0	25.5	8.0	7.9	107	760	27,100	NA	NA
93/06/21	1029	50	1.5	8.0	25.5	7.9	7.4	100	760	27,800	NA	NA
93/06/21	1030	50	3.5	8.0	25.5	7.7	5.5	75	760	29,800	NA	NA
93/06/21	1031	50	5.0	8.0	25.0	7.7	5.0	68	760	30,800	NA	NA
93/06/21	1032	50	6.5	8.0	25.0	7.6	4.7	64	760	30,900	NA	NA
93/06/21	1033	50	7.0	8.0	25.0	7.5	4.7	64	760	30,900	NA	NA
93/06/21	1039	10	0.5	7.0	25.5	7.4	7.3	93	760	12,100	NA	NA
93/06/21	1040	10	1.5	7.0	25.5	7.7	5.9	80	760	29,600	NA	NA
93/06/21	1041	10	3.5	7.0	25.0	7.7	5.7	77	760	30,200	NA	NA
93/06/21	1042	10	5.0	7.0	25.0	7.4	4.0	54	760	30,700	NA	NA
93/06/21	1043	10	6.5	7.0	25.0	7.4	3.6	49	760	30,600	NA	NA
93/06/21	1613	50	0.5	8.0	26.5	8.1	8.3	115	760	29,700	2.0	NA
93/06/21	1614	50	1.5	8.0	26.5	8.1	8.3	115	760	30,000	2.0	NA
93/06/21	1615	50	3.5	8.0	26.5	8.1	8.1	112	760	30,000	2.0	NA
93/06/21	1616	50	5.0	8.0	25.0	7.6	5.2	70	760	31,600	2.0	NA
93/06/21	1617	50	6.5	8.0	24.0	7.4	3.2	43	760	33,200	2.0	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
01408160 Metedeconk River near Laurelton (continued)												
93/06/21	1618	50	7.0	8.0	24.0	7.3	3.2	43	760	33,500	2.0	NA
93/07/08	1030	50	0.5	8.0	29.0	7.7	6.6	96	760	31,500	1.5	NA
93/07/08	1031	50	1.5	8.0	29.0	7.7	6.6	96	760	31,400	1.5	NA
93/07/08	1032	50	3.5	8.0	28.0	7.7	6.0	87	760	33,500	1.5	NA
93/07/08	1033	50	5.0	8.0	27.0	7.3	3.2	46	760	35,600	1.5	NA
93/07/08	1034	50	6.5	8.0	26.5	7.2	2.3	33	760	36,200	1.5	NA
93/07/08	1035	50	7.5	8.0	26.0	7.1	0.9	13	760	36,300	1.5	NA
93/07/08	1055	10	0.5	6.5	29.0	7.7	6.4	93	760	30,800	2.5	NA
93/07/08	1056	10	1.5	6.5	29.0	7.7	6.4	93	760	31,300	2.5	NA
93/07/08	1057	10	3.5	6.5	27.5	7.5	5.0	71	760	32,900	2.5	NA
93/07/08	1058	10	5.0	6.5	26.5	7.2	1.8	26	760	35,700	2.5	NA
93/07/08	1059	10	6.0	6.5	26.5	7.1	0.9	13	760	36,000	2.5	NA
93/07/20	1055	90	0.5	5.0	24.0	7.2	6.2	79	760	18,000	1.5	NA
93/07/20	1056	90	1.5	5.0	24.0	7.2	5.1	66	760	21,300	1.5	NA
93/07/20	1057	90	3.5	5.0	24.5	7.3	3.8	51	760	32,500	1.5	NA
93/07/20	1058	90	4.5	5.0	24.5	7.2	2.9	39	760	33,600	1.5	NA
93/07/20	1100	50	0.5	9.0	24.5	7.2	5.0	65	760	23,700	2.0	NA
93/07/20	1101	50	1.5	9.0	24.5	7.3	4.9	64	760	25,000	2.0	NA
93/07/20	1102	50	3.5	9.0	24.5	7.4	4.1	55	760	33,200	2.0	NA
93/07/20	1103	50	5.0	9.0	24.0	7.4	3.8	51	760	34,300	2.0	NA
93/07/20	1104	50	6.5	9.0	24.0	7.3	3.0	41	760	34,700	2.0	NA
93/07/20	1105	50	8.0	9.0	24.0	7.3	3.0	41	760	34,900	2.0	NA
93/07/20	1110	10	0.5	7.0	25.0	7.4	5.0	67	760	29,300	2.0	NA
93/07/20	1111	10	1.5	7.0	25.0	7.4	4.9	66	760	30,500	2.0	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
01408160 Metedeconk River near Laurelton (continued)												
93/07/20	1112	10	3.5	7.0	24.5	7.3	3.0	41	760	33,100	2.0	NA
93/07/20	1113	10	5.0	7.0	24.0	7.3	3.2	43	760	34,300	2.0	NA
93/07/20	1114	10	6.5	7.0	24.0	7.3	2.8	38	760	34,600	2.0	NA
93/07/20	1625	50	0.5	9.0	25.5	7.5	5.9	80	760	27,200	2.0	NA
93/07/20	1626	50	1.5	9.0	26.0	7.5	6.0	81	760	27,300	2.0	NA
93/07/20	1627	50	3.5	9.0	26.0	7.5	5.7	78	760	28,600	2.0	NA
93/07/20	1628	50	5.0	9.0	25.0	7.5	4.9	67	760	34,500	2.0	NA
93/07/20	1629	50	6.5	9.0	24.0	7.3	3.1	42	760	35,300	2.0	NA
93/07/20	1630	50	8.0	9.0	24.0	7.2	3.2	43	760	35,300	2.0	NA
93/08/03	1735	50	0.5	8.0	28.5	8.1	8.5	122	760	31,100	2.0	NA
93/08/03	1736	50	1.5	8.0	28.5	8.1	8.5	123	760	33,200	2.0	NA
93/08/03	1737	50	3.5	8.0	28.5	8.0	8.1	117	760	33,300	2.0	NA
93/08/03	1738	50	5.0	8.0	28.0	7.9	7.2	104	760	33,500	2.0	NA
93/08/03	1739	50	6.5	8.0	27.0	7.6	4.2	60	760	34,700	2.0	NA
93/08/03	1740	50	7.5	8.0	26.5	7.3	2.4	34	760	35,300	2.0	NA
93/08/03	1745	10	0.5	7.0	29.0	8.2	9.2	134	760	31,900	1.5	NA
93/08/03	1746	10	1.5	7.0	29.0	8.2	9.2	134	760	31,900	1.5	NA
93/08/03	1747	10	3.5	7.0	28.5	8.0	8.2	119	760	32,900	1.5	NA
93/08/03	1748	10	5.0	7.0	27.5	7.6	4.4	63	760	34,600	1.5	NA
93/08/03	1749	10	6.5	7.0	26.5	7.3	2.0	28	760	34,900	1.5	NA
93/08/26	1040	90	0.5	5.0	28.0	8.0	8.3	115	765	25,800	2.5	NA
93/08/26	1041	90	1.5	5.0	27.5	8.1	8.5	117	765	27,500	2.5	NA
93/08/26	1042	90	3.5	5.0	26.0	7.9	6.1	84	765	34,300	2.5	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
01408160 Metedeconk River near Laurelton (continued)												
93/08/26	1043	90	4.5	5.0	26.0	7.9	4.9	68	765	35,300	2.5	NA
93/08/26	1050	50	5.0	7.0	25.5	7.7	4.4	61	765	35,600	2.0	NA
93/08/26	1051	50	6.5	7.0	25.5	7.2	1.1	15	765	36,400	2.0	NA
93/08/26	1620	90	0.5	5.0	29.0	8.4	10.0	144	765	30,100	2.0	NA
93/08/26	1621	90	1.5	5.0	28.5	8.3	9.7	139	765	31,500	2.0	NA
93/08/26	1622	90	3.5	5.0	28.5	8.3	9.5	136	765	31,700	2.0	NA
93/08/26	1623	90	4.5	5.0	28.0	8.1	8.9	127	765	32,000	2.0	NA
93/08/26	1630	50	0.5	7.5	28.5	8.3	9.3	134	765	32,100	2.0	NA
93/08/26	1631	50	1.5	7.5	28.5	8.3	9.3	134	765	32,200	2.0	NA
93/08/26	1632	50	3.5	7.5	28.5	8.3	9.3	134	765	32,200	2.0	NA
93/08/26	1633	50	5.0	7.5	28.0	8.2	8.9	127	765	32,200	2.0	NA
93/08/26	1634	50	7.0	7.5	26.5	7.6	2.8	39	765	34,900	2.0	NA
93/08/26	1645	10	0.5	7.0	29.0	8.3	10.0	145	765	32,400	1.5	NA
93/08/26	1646	10	1.5	7.0	29.0	8.3	10.0	145	765	32,400	1.5	NA
93/08/26	1647	10	3.5	7.0	29.0	8.3	10.0	145	765	32,500	1.5	NA
93/08/26	1648	10	5.0	7.0	29.0	8.3	10.0	145	765	32,600	1.5	NA
93/08/26	1649	10	6.0	7.0	28.5	8.2	8.8	127	765	32,800	1.5	NA
93/09/22	1115	50	0.5	7.5	18.5	7.9	8.8	106	765	33,100	NA	NA
93/09/22	1116	50	1.5	7.5	18.5	7.9	8.8	106	765	33,200	NA	NA
93/09/22	1117	50	3.5	7.5	18.5	7.8	7.8	96	765	38,000	NA	NA
93/09/22	1118	50	5.0	7.5	19.0	7.4	4.2	53	765	41,700	NA	NA
93/09/22	1119	50	7.0	7.5	19.0	7.2	2.0	25	765	42,600	NA	NA
93/09/22	1120	10	0.5	6.5	18.5	8.0	9.3	113	765	36,400	NA	NA
93/09/22	1121	10	1.5	6.5	18.5	8.0	9.0	110	765	37,000	NA	NA
93/09/22	1122	10	3.5	6.5	18.5	7.9	8.7	107	765	38,200	NA	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
					01408160 Metedeconk River near Laurelton (continued)							
93/09/22	1123	10	5.0	6.5	19.5	7.3	3.6	46	765	42,100	NA	NA
93/09/22	1124	10	6.0	6.5	19.5	7.2	2.2	28	765	42,500	NA	NA
93/09/29	1030	90	0.5	6.5	18.5	8.2	9.1	107	765	26,300	3.0	NA
93/09/29	1031	90	1.5	6.5	19.0	8.2	9.1	107	765	26,400	3.0	NA
93/09/29	1032	90	3.5	6.5	19.0	8.2	9.0	106	765	26,800	3.0	NA
93/09/29	1033	90	5.0	6.5	19.0	8.2	9.2	108	765	26,600	3.0	NA
93/09/29	1034	90	6.0	6.5	19.0	8.2	9.2	108	765	26,600	3.0	NA
93/09/29	1045	50	0.5	6.5	19.0	8.2	8.6	101	765	25,900	3.0	NA
93/09/29	1046	50	1.5	6.5	19.0	8.1	8.6	101	765	25,700	3.0	NA
93/09/29	1047	50	3.5	6.5	19.0	8.1	8.6	101	765	26,000	3.0	NA
93/09/29	1048	50	5.0	6.5	19.0	8.1	7.7	92	765	27,300	3.0	NA
93/09/29	1049	50	6.0	6.5	19.0	8.1	2.0	25	765	38,400	3.0	NA
93/09/29	1055	10	0.5	7.0	19.0	8.1	8.6	102	765	25,500	3.0	NA
93/09/29	1056	10	1.5	7.0	19.0	8.1	8.6	102	765	25,400	3.0	NA
93/09/29	1057	10	3.5	7.0	19.0	8.1	8.6	102	765	25,400	3.0	NA
93/09/29	1058	10	5.0	7.0	19.5	8.1	8.1	96	765	25,900	3.0	NA
93/09/29	1059	10	6.5	7.0	20.0	7.4	2.8	35	765	37,200	3.0	NA
93/09/29	1450	50	0.5	8.0	20.0	8.2	9.0	108	765	25,700	3.0	NA
93/09/29	1451	50	1.5	8.0	20.0	8.2	9.0	108	765	25,700	3.0	NA
93/09/29	1452	50	3.5	8.0	20.0	8.2	9.2	110	765	25,900	3.0	NA
93/09/29	1453	50	5.0	8.0	20.0	8.2	9.2	110	765	26,100	3.0	NA
93/09/29	1454	50	6.5	8.0	19.5	8.2	8.8	106	765	28,400	3.0	NA
93/09/29	1500	10	0.5	6.5	20.0	8.1	8.8	104	765	23,100	3.0	NA
93/09/29	1501	10	1.5	6.5	20.0	8.1	8.8	104	765	23,300	3.0	NA
93/09/29	1502	10	3.5	6.5	20.0	8.2	9.1	109	765	25,700	3.0	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
01408160 Metedeconk River near Laurelton (continued)												
93/09/29	1503	10	5.0	6.5	19.5	8.2	8.0	96	765	27,700	3.0	NA
93/09/29	1504	10	6.0	6.5	20.0	7.8	4.5	56	765	35,300	3.0	NA
93/10/26	1035	90	0.5	5.5	14.5	8.0	9.8	106	770	28,000	NA	NA
93/10/26	1036	90	1.5	5.5	14.5	8.0	9.7	105	770	29,000	NA	NA
93/10/26	1037	90	3.5	5.5	14.5	8.0	9.4	102	770	29,000	NA	NA
93/10/26	1038	90	5.0	5.5	14.5	7.9	9.5	103	770	29,000	NA	NA
93/10/26	1045	50	0.5	7.0	14.5	8.0	9.5	103	770	28,500	NA	NA
93/10/26	1046	50	1.5	7.0	14.5	8.0	9.5	103	770	28,600	NA	NA
93/10/26	1047	50	3.5	7.0	14.5	8.0	9.4	102	770	28,600	NA	NA
93/10/26	1048	50	5.0	7.0	14.5	8.0	9.5	103	770	28,600	NA	NA
93/10/26	1049	50	6.5	7.0	14.5	7.9	9.4	102	770	28,600	NA	NA
93/10/26	1055	10	0.5	7.0	14.5	7.9	9.5	103	770	28,400	NA	NA
93/10/26	1056	10	1.5	7.0	14.5	7.9	9.5	103	770	28,400	NA	NA
93/10/26	1057	10	3.5	7.0	14.5	7.9	9.4	102	770	28,400	NA	NA
93/10/26	1058	10	5.0	7.0	14.5	7.9	9.5	103	770	28,600	NA	NA
93/10/26	1059	10	6.0	7.0	14.5	7.8	9.4	102	770	29,000	NA	NA
93/10/26	1450	50	0.5	7.5	14.5	7.9	NA	NA	770	24,800	NA	NA
93/10/26	1451	50	1.5	7.5	14.5	7.9	NA	NA	770	28,500	NA	NA
93/10/26	1452	50	3.5	7.5	14.5	7.8	NA	NA	770	28,500	NA	NA
93/10/26	1453	50	5.0	7.5	14.5	7.8	NA	NA	770	28,600	NA	NA
93/10/26	1454	50	7.0	7.5	14.5	7.5	NA	NA	770	28,500	NA	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/ day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
400313074055200 Metedeconk River at Eagle Point at Adamston												
92/10/15	1255	50	4.0	7.5	18.5	NA	NA	NA	NA	30,100	4.5	NA
92/10/15	1625	50	4.0	8.0	18.0	NA	NA	NA	NA	38,200	3.5	NA
93/01/14	1155	50	0.5	8.0	3.5	7.4	12.0	98	765	19,100	6.0	NA
93/01/14	1156	50	1.5	8.0	3.5	7.6	11.8	96	765	20,900	6.0	NA
93/01/14	1157	50	3.5	8.0	4.5	7.5	10.7	96	765	37,300	6.0	NA
93/01/14	1158	50	5.0	8.0	4.0	7.4	9.8	89	765	40,800	6.0	NA
93/01/14	1159	50	7.0	8.0	5.0	7.3	9.8	91	765	41,600	6.0	NA
93/02/09	1150	50	0.5	7.5	1.0	7.3	12.4	99	775	34,900	>7.5	NA
93/02/09	1151	50	1.5	7.5	1.0	7.4	12.5	100	775	35,500	>7.5	NA
93/02/09	1152	50	3.5	7.5	1.0	7.4	12.7	104	775	37,600	>7.5	NA
93/02/09	1153	50	5.0	7.5	2.5	7.4	13.2	115	775	44,600	>7.5	NA
93/02/09	1154	50	6.5	7.5	2.0	7.4	12.4	108	775	45,400	>7.5	NA
93/02/09	1625	50	0.5	7.5	1.0	7.4	12.4	99	775	34,300	>7.5	NA
93/02/09	1626	50	1.5	7.5	1.0	7.4	12.5	100	775	34,500	>7.5	NA
93/02/09	1627	50	3.5	7.5	1.5	7.5	12.6	104	775	37,200	>7.5	NA
93/02/09	1628	50	5.0	7.5	2.0	7.4	12.4	106	775	43,100	>7.5	NA
93/02/09	1629	50	7.0	7.5	2.5	7.3	12.7	111	775	44,900	>7.5	NA
93/03/26	1030	50	0.5	7.0	8.0	7.3	11.2	96	765	5,580	3.5	NA
93/03/26	1031	50	1.5	7.0	7.5	8.0	11.9	105	765	17,800	3.5	NA
93/03/26	1032	50	3.5	7.0	5.5	8.4	13.6	124	765	34,700	3.5	NA
93/03/26	1033	50	5.0	7.0	5.5	8.4	13.3	121	765	35,900	3.5	NA
93/03/26	1034	50	6.5	7.0	5.0	8.3	13.7	125	765	37,300	3.5	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/ day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
400313074055200 Metedeconk River at Eagle Point at Adamston (continued)												
93/04/08	1040	50	0.5	8.0	9.5	7.5	10.9	97	765	5,360	5.0	NA
93/04/08	1041	50	1.5	8.0	9.0	7.7	11.0	101	765	15,000	5.0	NA
93/04/08	1042	50	2.5	8.0	8.5	7.8	10.9	100	765	18,200	5.0	NA
93/04/08	1043	50	4.0	8.0	8.5	7.8	11.0	101	765	18,400	5.0	NA
93/04/08	1044	50	6.0	8.0	7.5	8.3	12.7	122	765	34,200	5.0	NA
93/04/08	1045	50	7.0	8.0	8.0	8.3	12.6	121	765	34,400	5.0	NA
93/04/08	1615	50	0.5	8.0	11.0	7.7	11.2	106	765	11,700	NA	NA
93/04/08	1616	50	0.5	8.0	11.0	7.8	11.2	106	765	14,200	NA	NA
93/04/08	1617	50	2.5	8.0	10.5	7.8	11.1	105	765	15,800	NA	NA
93/04/08	1618	50	4.0	8.0	9.5	7.8	10.9	102	765	18,400	NA	NA
93/04/08	1619	50	6.0	8.0	9.0	8.0	11.2	105	765	22,200	NA	NA
93/04/08	1620	50	7.0	8.0	8.0	8.3	13.7	133	765	34,300	NA	NA
93/04/22	1100	50	0.5	8.0	15.5	7.8	9.1	100	750	20,700	NA	NA
93/04/22	1101	50	1.5	8.0	15.5	7.8	9.1	100	750	21,100	NA	NA
93/04/22	1102	50	3.5	8.0	15.5	7.8	9.1	100	750	21,300	NA	NA
93/04/22	1103	50	5.0	8.0	15.5	7.8	9.0	99	750	21,800	NA	NA
93/04/22	1104	50	6.5	8.0	15.0	7.8	7.4	81	750	23,500	NA	NA
93/04/22	1105	50	7.0	8.0	15.0	7.6	6.9	76	750	25,400	NA	NA
93/04/22	1600	50	0.5	7.5	15.5	7.7	9.1	98	750	15,800	NA	NA
93/04/22	1601	50	1.5	7.5	15.5	7.7	9.1	98	750	16,100	NA	NA
93/04/22	1602	50	3.5	7.5	15.5	7.8	9.1	98	750	16,600	NA	NA
93/04/22	1603	50	5.0	7.5	15.5	7.8	8.9	97	750	21,000	NA	NA
93/04/22	1604	50	7.0	7.5	14.5	7.5	6.5	72	750	26,800	NA	NA
93/05/06	1520	50	0.5	7.5	18.5	8.2	9.9	118	760	29,400	4.0	NA
93/05/06	1521	50	1.5	7.5	18.5	8.2	9.8	117	760	29,500	4.0	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/ day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
400313074055200 Metedeconk River at Eagle Point at Adamston (continued)												
93/05/06	1522	50	3.5	7.5	18.5	8.2	9.7	116	760	29,500	4.0	NA
93/05/06	1523	50	5.0	7.5	18.0	8.2	9.7	115	760	30,900	4.0	NA
93/05/06	1524	50	6.5	7.5	15.0	8.3	10.4	118	760	35,400	4.0	NA
93/05/20	1035	50	0.5	8.0	17.5	7.7	7.9	92	755	26,500	NA	NA
93/05/20	1036	50	1.5	8.0	17.5	7.7	7.6	89	755	27,100	NA	NA
93/05/20	1037	50	3.5	8.0	18.0	7.6	7.0	83	755	28,900	NA	NA
93/05/20	1038	50	5.0	8.0	18.0	7.5	5.5	65	755	29,600	NA	NA
93/05/20	1039	50	7.0	8.0	16.5	7.5	5.4	64	755	36,400	NA	NA
93/06/08	1747	50	0.5	8.0	20.5	8.1	9.7	122	760	32,800	NA	NA
93/06/08	1748	50	1.5	8.0	20.5	8.1	9.7	122	760	32,800	NA	NA
93/06/08	1749	50	3.5	8.0	20.5	8.1	9.7	122	760	32,900	NA	NA
93/06/08	1750	50	5.0	8.0	20.5	8.1	9.7	122	760	32,900	NA	NA
93/06/08	1751	50	6.5	8.0	19.5	7.9	7.5	93	760	34,300	NA	NA
93/06/08	1752	50	7.0	8.0	18.5	7.8	7.3	89	760	35,800	NA	NA
93/06/21	1626	50	0.5	8.0	26.5	8.3	9.5	131	760	28,600	1.3	NA
93/06/21	1627	50	1.5	8.0	27.0	8.3	9.5	132	760	28,800	1.3	NA
93/06/21	1628	50	3.5	8.0	27.0	8.2	9.4	130	760	28,800	1.3	NA
93/06/21	1629	50	5.0	8.0	26.0	8.2	8.3	114	760	29,900	1.3	NA
93/06/21	1630	50	6.5	8.0	21.0	7.8	4.8	62	760	36,900	1.3	NA
93/06/21	1631	50	7.0	8.0	21.0	7.5	4.6	59	760	37,700	1.3	NA
93/07/08	1100	50	0.5	7.0	29.0	7.9	7.6	110	760	29,800	2.5	NA
93/07/08	1101	50	1.5	7.0	29.0	7.9	7.4	107	760	30,600	2.5	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/ day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
400313074055200 Metedeconk River at Eagle Point at Adamston (continued)												
93/07/08	1102	50	3.5	7.0	28.0	7.8	6.9	99	760	32,800	2.5	NA
93/07/08	1103	50	5.0	7.0	27.5	7.7	4.8	68	760	34,100	2.5	NA
93/07/08	1104	50	6.5	7.0	26.5	7.3	1.9	27	760	36,500	2.5	NA
93/07/20	1640	50	0.5	8.0	26.5	7.8	7.9	108	760	26,000	2.0	NA
93/07/20	1641	50	1.5	8.0	26.0	7.7	7.3	100	760	29,300	2.0	NA
93/07/20	1642	50	3.5	8.0	26.0	7.7	6.9	94	760	30,000	2.0	NA
93/07/20	1643	50	5.0	8.0	25.0	7.6	6.4	87	760	31,800	2.0	NA
93/07/20	1644	50	6.5	8.0	23.5	7.4	3.6	49	760	37,200	2.0	NA
93/07/20	1645	50	7.5	8.0	23.5	7.4	3.7	50	760	37,200	2.0	NA
93/08/03	1800	50	0.5	7.0	29.0	8.2	9.2	134	760	32,600	2.0	NA
93/08/03	1801	50	1.5	7.0	29.0	8.2	9.1	133	760	32,800	2.0	NA
93/08/03	1802	50	3.5	7.0	28.5	8.1	8.7	127	760	32,900	2.0	NA
93/08/03	1803	50	5.0	7.0	27.5	7.9	7.0	101	760	34,200	2.0	NA
93/08/03	1804	50	6.5	7.0	26.5	7.5	2.2	31	760	36,800	2.0	NA
93/08/26	1700	50	0.5	8.0	28.0	8.3	9.4	134	765	32,200	2.0	NA
93/08/26	1701	50	1.5	8.0	28.0	8.3	9.2	131	765	32,500	2.0	NA
93/08/26	1702	50	3.5	8.0	27.5	8.3	9.2	130	765	32,600	2.0	NA
93/08/26	1703	50	5.0	8.0	27.5	8.3	9.1	129	765	32,600	2.0	NA
93/08/26	1704	50	6.5	8.0	26.5	7.8	4.6	64	765	35,200	2.0	NA
93/08/26	1705	50	7.0	8.0	25.5	7.7	3.4	47	765	36,000	2.0	NA
93/09/22	1135	50	0.5	7.0	18.5	8.1	9.5	114	765	32,500	NA	NA
93/09/22	1136	50	1.5	7.0	18.5	8.1	9.7	117	765	33,800	NA	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/ day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
400313074055200 Metedeconk River at Eagle Point at Adamston (continued)												
93/09/22	1137	50	3.5	7.0	18.5	8.0	8.5	103	765	35,900	NA	NA
93/09/22	1138	50	5.0	7.0	18.0	7.8	6.9	85	765	40,100	NA	NA
93/09/22	1139	50	6.5	7.0	18.5	7.6	4.0	50	765	42,400	NA	NA
93/09/29	1107	50	0.5	7.0	18.5	8.2	9.1	106	765	24,600	3.0	NA
93/09/29	1108	50	1.5	7.0	18.5	8.2	9.1	106	765	24,600	3.0	NA
93/09/29	1109	50	3.5	7.0	19.0	8.3	9.1	107	765	26,900	3.0	NA
93/09/29	1110	50	5.0	7.0	19.0	8.2	7.5	90	765	30,700	3.0	NA
93/09/29	1111	50	6.5	7.0	19.5	7.8	5.1	63	765	33,900	3.0	NA
93/09/29	1510	50	0.5	7.0	19.5	8.4	9.8	117	765	27,100	3.0	NA
93/09/29	1511	50	1.5	7.0	19.5	8.4	9.8	118	765	27,100	3.0	NA
93/09/29	1512	50	3.5	7.0	19.5	8.4	9.6	115	765	27,400	3.0	NA
93/09/29	1513	50	5.0	7.0	19.5	8.2	8.7	104	765	28,000	3.0	NA
93/09/29	1514	50	6.5	7.0	19.5	7.7	4.9	60	765	33,600	3.0	NA
93/10/26	1105	50	0.5	7.0	14.0	7.5	9.0	97	770	31,400	NA	NA
93/10/26	1106	50	1.5	7.0	14.0	7.4	9.3	100	770	31,600	NA	NA
93/10/26	1107	50	3.5	7.0	14.0	7.2	9.2	99	770	31,700	NA	NA
93/10/26	1108	50	5.0	7.0	14.0	7.1	9.4	101	770	31,600	NA	NA
93/10/26	1109	50	6.5	7.0	14.0	6.4	9.3	100	770	31,700	NA	NA
93/10/26	1505	50	0.5	7.0	13.5	7.9	NA	NA	770	31,500	NA	NA
93/10/26	1506	50	1.5	7.0	13.5	7.9	NA	NA	770	31,800	NA	NA
93/10/26	1507	50	3.5	7.0	13.5	7.9	NA	NA	770	31,900	NA	NA
93/10/26	1508	50	5.0	7.0	13.5	7.9	NA	NA	770	31,800	NA	NA
93/10/26	1509	50	6.5	7.0	13.5	7.8	NA	NA	770	31,800	NA	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/ day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
400314074044500 Metedeconk River at Metedeconk												
92/10/15	1230	50	3.5	7.5	17.0	NA	NA	NA	NA	34,100	5.0	NA
92/10/15	1635	50	4.0	8.0	17.5	NA	NA	NA	NA	40,200	NA	NA
92/11/09	1030	50	4.5	6.0	7.0	8.1	8.6	80	775	32,700	>6.0	NA
92/11/09	1037	50	2.5	6.0	7.5	8.1	9.5	89	775	33,300	>6.0	NA
92/11/09	1045	50	1.0	6.0	7.5	8.1	9.3	86	775	32,400	>6.0	NA
92/12/15	1005	50	0.5	8.0	3.0	7.3	11.6	87	770	4,140	3.5	NA
92/12/15	1006	50	1.5	8.0	4.0	7.7	11.7	93	770	12,500	3.5	NA
92/12/15	1007	50	3.5	8.0	5.0	7.9	10.7	95	770	33,700	3.5	NA
92/12/15	1008	50	5.0	8.0	5.5	7.9	9.7	88	770	35,200	3.5	NA
92/12/15	1009	50	6.5	8.0	6.0	7.7	10.3	96	770	40,100	3.5	NA
92/12/15	1550	50	0.5	8.5	5.5	7.4	11.4	91	770	6,380	3.5	NA
92/12/15	1551	50	1.5	8.5	5.5	7.9	11.4	91	770	6,440	3.5	NA
92/12/15	1552	50	3.5	8.5	5.0	7.9	10.8	94	770	29,500	3.5	NA
92/12/15	1553	50	5.0	8.5	5.5	7.9	9.2	84	770	36,000	3.5	NA
92/12/15	1554	50	6.5	8.5	6.0	7.9	8.2	76	770	38,400	3.5	NA
92/12/15	1555	50	8.0	8.5	6.0	7.8	12.5	118	770	40,900	3.5	NA
93/01/14	1230	50	0.5	6.0	4.0	7.5	11.8	97	765	21,300	>6.0	NA
93/01/14	1231	50	1.5	6.0	4.0	7.6	11.7	97	765	23,200	>6.0	NA
93/01/14	1232	50	3.5	6.0	4.5	7.5	10.6	97	765	39,600	>6.0	NA
93/01/14	1233	50	5.0	6.0	4.5	7.4	10.3	94	765	40,300	>6.0	NA
93/01/14	1234	50	5.5	6.0	5.0	7.3	10.2	94	765	41,000	>6.0	NA
93/02/09	1205	50	0.5	6.5	0.5	7.4	12.6	101	775	36,300	>6.5	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/ day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
					400314074044500 Metedeconk River at Metedeconk (continued)							
93/02/09	1206	50	1.5	6.5	0.5	7.4	12.8	103	775	37,600	>6.5	NA
93/02/09	1207	50	3.5	6.5	1.0	7.5	12.7	105	775	40,300	>6.5	NA
93/02/09	1208	50	5.0	6.5	2.5	7.5	13.5	119	775	44,900	>6.5	NA
93/02/09	1209	50	6.0	6.5	3.0	7.4	14.1	126	775	46,300	>6.5	NA
93/02/09	1635	50	0.5	5.5	1.5	7.4	12.6	103	775	37,700	>5.5	NA
93/02/09	1636	50	1.5	5.5	2.0	7.5	12.6	106	775	40,400	>5.5	NA
93/02/09	1637	50	3.5	5.5	2.5	7.5	12.8	110	775	42,500	>5.5	NA
93/02/09	1638	50	5.0	5.5	3.0	7.4	13.3	118	775	45,200	>5.5	NA
93/03/26	1050	90	0.5	3.5	8.5	7.7	11.6	100	765	6,170	>3.5	NA
93/03/26	1051	90	1.5	3.5	7.0	7.9	12.1	104	765	13,000	>3.5	NA
93/03/26	1052	90	3.0	3.5	6.5	8.0	12.4	111	765	24,600	>3.5	NA
93/03/26	1100	50	0.5	6.0	8.5	7.4	11.1	97	765	5,660	4.0	NA
93/03/26	1101	50	1.5	6.0	7.5	7.6	11.7	102	765	11,100	4.0	NA
93/03/26	1102	50	3.5	6.0	6.0	8.3	12.9	116	765	30,000	4.0	NA
93/03/26	1103	50	5.0	6.0	5.5	8.3	12.8	117	765	35,400	4.0	NA
93/03/26	1110	10	0.5	7.0	8.5	7.5	11.3	98	765	6,370	4.0	NA
93/03/26	1111	10	1.5	7.0	7.5	8.0	12.2	111	765	24,700	4.0	NA
93/03/26	1112	10	3.5	7.0	6.0	8.2	12.6	114	765	29,800	4.0	NA
93/03/26	1113	10	5.0	7.0	6.0	8.4	13.0	119	765	33,800	4.0	NA
93/03/26	1114	10	6.5	7.0	5.5	8.3	12.8	117	765	36,000	4.0	NA
93/04/08	1100	90	0.5	3.5	8.0	7.6	11.5	100	765	9,180	>3.5	NA
93/04/08	1101	90	1.5	3.5	8.0	7.6	11.5	101	765	9,380	>3.5	NA
93/04/08	1102	90	3.5	3.5	8.0	7.5	11.4	104	765	20,100	>3.5	NA
93/04/08	1105	50	0.5	6.5	9.0	7.7	11.4	101	765	9,420	5.0	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/ day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
400314074044500 Metedeconk River at Metedeconk (continued)												
93/04/08	1106	50	0.5	6.5	9.0	7.7	11.4	102	765	11,200	5.0	NA
93/04/08	1107	50	2.5	6.5	8.5	7.9	11.3	103	765	18,100	5.0	NA
93/04/08	1108	50	4.0	6.5	7.5	8.0	11.5	104	765	23,200	5.0	NA
93/04/08	1109	50	6.0	6.5	6.5	8.2	12.4	117	765	35,200	5.0	NA
93/04/08	1120	10	0.5	8.0	9.0	7.7	11.2	102	765	14,500	5.0	NA
93/04/08	1121	10	0.5	8.0	9.0	7.8	11.2	102	765	14,800	5.0	NA
93/04/08	1122	10	2.5	8.0	9.0	7.9	11.1	102	765	16,800	5.0	NA
93/04/08	1123	10	4.0	8.0	8.0	8.1	11.8	109	765	22,800	5.0	NA
93/04/08	1124	10	6.0	8.0	7.0	8.3	12.6	118	765	34,300	5.0	NA
93/04/08	1125	10	7.0	8.0	6.5	8.2	12.8	121	765	36,600	5.0	NA
93/04/08	1630	50	0.5	6.0	10.5	7.9	11.1	106	765	17,700	NA	NA
93/04/08	1631	50	1.5	6.0	10.5	7.9	11.1	106	765	18,100	NA	NA
93/04/08	1632	50	3.5	6.0	8.5	8.1	11.5	108	765	24,700	NA	NA
93/04/08	1633	50	5.0	6.0	7.5	8.3	13.1	126	765	34,600	NA	NA
93/04/22	1115	50	0.5	7.0	15.0	7.9	9.0	95	750	13,000	NA	NA
93/04/22	1116	50	1.5	7.0	15.0	7.9	9.0	99	750	23,700	NA	NA
93/04/22	1117	50	3.5	7.0	15.0	7.9	9.0	99	750	23,900	NA	NA
93/04/22	1118	50	5.0	7.0	15.0	7.9	9.0	99	750	24,000	NA	NA
93/04/22	1119	50	6.5	7.0	13.0	7.8	7.4	80	750	30,800	NA	NA
93/04/22	1615	50	0.5	7.0	15.0	7.9	9.7	106	750	23,600	NA	NA
93/04/22	1616	50	1.5	7.0	15.0	7.9	9.3	102	750	23,700	NA	NA
93/04/22	1617	50	3.5	7.0	15.0	7.9	9.2	101	750	23,800	NA	NA
93/04/22	1618	50	5.0	7.0	14.0	7.9	8.3	91	750	28,000	NA	NA
93/04/22	1619	50	6.5	7.0	12.0	7.9	8.9	96	750	35,800	NA	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/ day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
400314074044500 Metedeconk River at Metedeconk (continued)												
93/05/06	1015	90	0.5	3.5	18.0	8.1	9.3	107	760	23,900	>3.5	NA
93/05/06	1016	90	1.5	3.5	18.0	8.1	9.4	108	760	23,900	>3.5	NA
93/05/06	1017	90	3.0	3.5	18.0	8.1	9.6	110	760	23,900	>3.5	NA
93/05/06	1025	50	0.5	7.5	18.0	8.1	9.1	105	760	24,000	5.0	NA
93/05/06	1026	50	1.5	7.5	18.0	8.1	9.1	105	760	24,000	5.0	NA
93/05/06	1027	50	3.5	7.5	17.0	8.1	9.1	104	760	24,900	5.0	NA
93/05/06	1028	50	5.0	7.5	14.5	8.2	9.2	103	760	34,500	5.0	NA
93/05/06	1029	50	6.5	7.5	14.0	8.2	9.3	103	760	35,800	5.0	NA
93/05/06	1035	10	0.5	7.5	18.0	8.1	9.1	105	760	24,300	5.0	NA
93/05/06	1036	10	1.5	7.5	18.0	8.1	9.0	104	760	24,400	5.0	NA
93/05/06	1037	10	3.5	7.5	17.5	8.1	9.0	104	760	25,200	5.0	NA
93/05/06	1038	10	5.0	7.5	16.0	8.2	9.3	106	760	30,900	5.0	NA
93/05/06	1039	10	6.5	7.5	15.0	8.2	9.9	111	760	33,300	5.0	NA
93/05/06	1540	50	0.5	6.5	19.0	8.2	9.5	112	760	25,900	5.0	NA
93/05/06	1541	50	1.5	6.5	19.0	8.2	9.6	114	760	26,000	5.0	NA
93/05/06	1542	50	3.5	6.5	18.5	8.2	9.7	114	760	27,000	5.0	NA
93/05/06	1543	50	5.0	6.5	17.0	8.3	10.0	115	760	28,500	5.0	NA
93/05/06	1544	50	6.0	6.5	14.5	8.3	11.3	128	760	34,700	5.0	NA
93/05/20	1050	50	0.5	7.0	17.0	7.7	7.4	87	755	30,600	NA	NA
93/05/20	1051	50	1.5	7.0	17.0	7.7	7.4	87	755	30,600	NA	NA
93/05/20	1052	50	3.5	7.0	17.0	7.7	7.3	86	755	30,800	NA	NA
93/05/20	1053	50	5.0	7.0	17.0	7.7	6.8	80	755	31,200	NA	NA
93/05/20	1054	50	6.5	7.0	15.0	7.7	7.2	84	755	38,800	NA	NA
93/06/08	1255	50	0.5	7.0	19.5	8.0	9.0	111	760	32,600	5.0	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/ day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
400314074044500 Metedeconk River at Metedeconk (continued)												
93/06/08	1256	50	1.5	7.0	19.5	8.0	9.0	111	760	32,600	5.0	NA
93/06/08	1257	50	3.5	7.0	19.5	8.0	9.0	111	760	32,800	5.0	NA
93/06/08	1258	50	5.0	7.0	18.0	8.0	8.6	105	760	36,000	5.0	NA
93/06/08	1259	50	6.5	7.0	17.0	8.1	10.4	126	760	39,700	5.0	NA
93/06/08	1801	50	0.5	7.0	20.5	8.1	9.2	116	760	33,300	NA	NA
93/06/08	1802	50	1.5	7.0	20.5	8.1	9.2	116	760	33,400	NA	NA
93/06/08	1803	50	3.5	7.0	20.5	8.1	9.2	116	760	33,400	NA	NA
93/06/08	1804	50	5.0	7.0	19.0	8.2	9.8	121	760	35,500	NA	NA
93/06/08	1805	50	6.5	7.0	17.5	8.4	12.6	153	760	39,700	NA	NA
93/06/21	1051	50	0.5	7.0	25.0	8.0	7.1	96	760	31,400	NA	NA
93/06/21	1052	50	1.5	7.0	25.0	8.0	6.8	92	760	32,000	NA	NA
93/06/21	1053	50	3.5	7.0	23.5	7.8	6.4	85	760	33,200	NA	NA
93/06/21	1054	50	5.0	7.0	20.5	7.7	5.9	75	760	36,900	NA	NA
93/06/21	1055	50	6.5	7.0	18.5	7.6	5.2	65	760	40,900	NA	NA
93/06/21	1639	50	0.5	7.0	26.5	8.2	9.2	127	760	29,000	2.0	NA
93/06/21	1640	50	1.5	7.0	26.5	8.2	9.1	126	760	29,200	2.0	NA
93/06/21	1641	50	3.5	7.0	26.5	8.2	8.9	123	760	30,000	2.0	NA
93/06/21	1642	50	5.0	7.0	22.0	7.9	7.4	97	760	36,000	2.0	NA
93/06/21	1643	50	6.5	7.0	18.5	7.7	6.2	78	760	41,500	2.0	NA
93/07/20	1125	90	0.5	4.5	24.5	7.7	7.0	92	760	25,900	2.0	NA
93/07/20	1126	90	1.5	4.5	24.5	7.7	7.2	95	760	25,900	2.0	NA
93/07/20	1127	90	3.5	4.5	24.5	7.6	6.5	86	760	26,400	2.0	NA
93/07/20	1128	90	4.0	4.5	24.0	7.6	6.1	81	760	29,300	2.0	NA
93/07/20	1130	50	0.5	8.0	25.0	7.7	7.4	98	760	26,800	1.5	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/ day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
400314074044500 Metedeconk River at Metedeconk (continued)												
93/07/20	1131	50	1.5	8.0	24.5	7.7	7.4	98	760	26,700	1.5	NA
93/07/20	1132	50	3.5	8.0	23.5	7.7	6.4	85	760	31,500	1.5	NA
93/07/20	1133	50	5.0	8.0	23.0	7.7	5.6	75	760	35,500	1.5	NA
93/07/20	1134	50	6.5	8.0	23.0	7.6	4.0	54	760	38,900	1.5	NA
93/07/20	1135	50	7.5	8.0	23.0	7.6	3.9	53	760	39,700	1.5	NA
93/07/20	1145	10	0.5	7.5	25.0	7.8	7.6	101	760	27,700	2.0	NA
93/07/20	1146	10	1.5	7.5	24.5	7.8	7.4	98	760	27,600	2.0	NA
93/07/20	1147	10	3.5	7.5	23.5	7.7	6.1	82	760	33,800	2.0	NA
93/07/20	1148	10	5.0	7.5	23.5	7.6	4.9	66	760	37,100	2.0	NA
93/07/20	1149	10	6.5	7.5	23.0	7.6	3.7	50	760	38,600	2.0	NA
93/07/20	1650	50	0.5	7.5	26.0	8.1	9.4	129	760	30,100	2.0	NA
93/07/20	1651	50	1.5	7.5	26.0	8.1	9.4	129	760	30,000	2.0	NA
93/07/20	1652	50	3.5	7.5	25.5	8.0	8.9	122	760	30,700	2.0	NA
93/07/20	1653	50	5.0	7.5	24.0	7.8	5.9	80	760	35,900	2.0	NA
93/07/20	1654	50	6.5	7.5	23.0	7.6	3.7	50	760	39,600	2.0	NA
93/08/03	1810	50	0.5	7.0	28.0	8.2	8.8	126	760	32,000	2.0	NA
93/08/03	1811	50	1.5	7.0	28.5	8.2	8.8	127	760	33,100	2.0	NA
93/08/03	1812	50	3.5	7.0	28.0	8.2	8.7	126	760	33,000	2.0	NA
93/08/03	1813	50	5.0	7.0	27.5	8.0	7.2	103	760	33,400	2.0	NA
93/08/03	1814	50	6.5	7.0	26.0	7.5	2.4	34	760	37,100	2.0	NA
93/08/26	1715	50	0.5	7.5	27.5	8.3	9.2	130	765	32,800	2.0	NA
93/08/26	1716	50	1.5	7.5	27.5	8.3	9.1	129	765	33,100	2.0	NA
93/08/26	1717	50	3.5	7.5	27.5	8.3	9.2	131	765	33,100	2.0	NA
93/08/26	1718	50	5.0	7.5	27.5	8.3	9.0	128	765	33,200	2.0	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/ day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
400314074044500 Metedeconk River at Metedeconk (continued)												
93/08/26	1719	50	7.0	7.5	25.5	7.6	2.0	28	765	35,500	2.0	NA
93/09/22	1145	50	0.5	6.5	18.5	8.1	9.7	115	765	30,000	NA	NA
93/09/22	1146	50	1.5	6.5	18.5	8.1	9.7	115	765	30,700	NA	NA
93/09/22	1147	50	3.5	6.5	18.0	8.1	8.5	102	765	36,100	NA	NA
93/09/22	1148	50	5.0	6.5	18.0	7.9	7.0	86	765	39,900	NA	NA
93/09/22	1149	50	6.0	6.5	18.0	7.8	6.4	79	765	41,000	NA	NA
93/09/29	1120	50	0.5	5.0	18.0	8.3	9.4	109	765	26,200	3.0	NA
93/09/29	1121	50	1.5	5.0	18.0	8.3	9.3	108	765	26,300	3.0	NA
93/09/29	1122	50	3.5	5.0	18.0	8.3	9.1	105	765	26,400	3.0	NA
93/09/29	1123	50	4.5	5.0	18.5	8.2	8.2	98	765	31,600	3.0	NA
93/09/29	1520	90	0.5	3.5	18.5	8.5	10.7	124	765	24,800	3.0	NA
93/09/29	1521	90	1.5	3.5	18.5	8.5	10.7	125	765	25,000	3.0	NA
93/09/29	1522	90	2.5	3.5	18.5	8.5	10.7	125	765	25,000	3.0	NA
93/09/29	1525	50	0.5	7.0	19.0	8.5	10.4	122	765	25,300	3.0	NA
93/09/29	1526	50	1.5	7.0	19.0	8.5	10.4	123	765	26,000	3.0	NA
93/09/29	1527	50	3.5	7.0	19.0	8.4	10.2	121	765	26,400	3.0	NA
93/09/29	1528	50	5.0	7.0	19.0	8.3	8.8	105	765	29,000	3.0	NA
93/09/29	1529	50	6.5	7.0	18.5	8.2	8.4	100	765	31,300	3.0	NA
93/09/29	1535	10	0.5	7.0	19.0	8.4	10.3	123	765	27,100	3.0	NA
93/09/29	1536	10	1.5	7.0	19.0	8.4	10.3	122	765	27,000	3.0	NA
93/09/29	1537	10	3.5	7.0	19.0	8.5	10.3	122	765	27,700	3.0	NA
93/09/29	1538	10	5.0	7.0	18.5	8.2	8.3	99	765	31,500	3.0	NA
93/09/29	1539	10	6.5	7.0	18.5	8.2	8.3	99	765	31,500	3.0	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/ day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
400314074044500 Metedeconk River at Metedeconk (continued)												
93/10/26	1125	50	0.5	6.5	13.5	7.4	11.9	128	770	32,500	NA	NA
93/10/26	1126	50	1.5	6.5	13.5	7.2	12.0	129	770	32,600	NA	NA
93/10/26	1127	50	3.5	6.5	13.5	7.2	10.8	116	770	32,600	NA	NA
93/10/26	1128	50	5.0	6.5	13.5	6.6	11.0	118	770	32,600	NA	NA
93/10/26	1129	50	6.0	6.5	13.5	6.2	9.7	104	770	32,600	NA	NA
93/10/26	1520	50	0.5	6.0	13.5	7.9	NA	NA	770	29,800	NA	NA
93/10/26	1521	50	1.5	6.0	13.5	7.9	NA	NA	770	32,600	NA	NA
93/10/26	1522	50	3.5	6.0	13.5	7.9	NA	NA	770	32,800	NA	NA
93/10/26	1523	50	5.0	6.0	13.5	7.9	NA	NA	770	33,800	NA	NA
400311074035200 Metedeconk River at West Mantoloking												
92/10/15	1210	50	3.5	7.0	17.0	NA	NA	NA	NA	39,100	NA	NA
92/10/15	1645	50	3.5	6.5	17.5	NA	NA	NA	NA	45,100	NA	NA
92/11/09	1000	50	5.0	6.5	8.5	8.2	8.8	87	775	40,600	>6.5	NA
92/11/09	1010	50	3.5	6.5	9.0	8.2	8.4	84	775	40,300	>6.5	NA
92/11/09	1020	50	1.5	6.5	7.0	8.1	9.9	92	775	33,500	>6.5	NA
92/12/15	1030	50	0.5	8.0	4.0	7.5	11.5	88	770	4,860	3.5	NA
92/12/15	1031	50	1.5	8.0	4.0	7.6	11.5	94	770	19,300	3.5	NA
92/12/15	1032	50	3.5	8.0	4.5	7.9	10.9	93	770	28,400	3.5	NA
92/12/15	1033	50	5.0	8.0	4.5	7.9	10.7	95	770	35,400	3.5	NA
92/12/15	1034	50	6.5	8.0	5.0	7.6	11.0	100	770	37,300	3.5	NA
92/12/15	1600	50	0.5	8.5	4.5	7.6	11.8	94	770	8,740	3.5	NA
92/12/15	1601	50	1.5	8.5	4.5	7.8	11.3	94	770	19,300	3.5	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/ day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
400311074035200 Metedeconk River at West Mantoloking (continued)												
92/12/15	1602	50	3.5	8.5	5.0	7.9	10.6	92	770	28,500	3.5	NA
92/12/15	1030	50	0.5	8.0	4.0	7.5	11.5	88	770	4,860	3.5	NA
92/12/15	1031	50	1.5	8.0	4.0	7.6	11.5	94	770	19,300	3.5	NA
92/12/15	1032	50	3.5	8.0	4.5	7.9	10.9	93	770	28,400	3.5	NA
92/12/15	1033	50	5.0	8.0	4.5	7.9	10.7	95	770	35,400	3.5	NA
92/12/15	1034	50	6.5	8.0	5.0	7.6	11.0	100	770	37,300	3.5	NA
92/12/15	1600	50	0.5	8.5	4.5	7.6	11.8	94	770	8,740	3.5	NA
92/12/15	1601	50	1.5	8.5	4.5	7.8	11.3	94	770	19,300	3.5	NA
92/12/15	1602	50	3.5	8.5	5.0	7.9	10.6	92	770	28,500	3.5	NA
92/12/15	1603	50	5.0	8.5	6.0	8.0	10.3	94	770	34,500	3.5	NA
92/12/15	1604	50	6.5	8.5	5.5	7.9	9.2	85	770	38,700	3.5	NA
92/12/15	1605	50	8.0	8.5	6.0	7.9	10.6	100	770	41,700	3.5	NA
93/01/14	1245	50	0.5	7.5	4.5	7.6	11.2	98	765	33,000	6.0	NA
93/01/14	1246	50	1.5	7.5	4.5	7.6	11.0	98	765	35,000	6.0	NA
93/01/14	1247	50	3.5	7.5	4.5	7.6	10.9	97	765	35,500	6.0	NA
93/01/14	1248	50	5.0	7.5	5.0	7.5	10.2	95	765	41,300	6.0	NA
93/01/14	1249	50	6.5	7.5	5.5	7.5	10.3	97	765	43,900	6.0	NA
93/01/14	1250	50	7.0	7.5	5.5	7.4	10.5	100	765	43,900	6.0	NA
93/02/09	1220	50	0.5	7.0	2.5	7.5	12.5	109	775	43,300	>7.0	NA
93/02/09	1221	50	1.5	7.0	2.5	7.5	12.4	108	775	43,600	>7.0	NA
93/02/09	1222	50	3.5	7.0	2.5	7.5	12.3	108	775	45,000	>7.0	NA
93/02/09	1223	50	5.0	7.0	2.5	7.5	12.6	111	775	45,300	>7.0	NA
93/02/09	1224	50	6.5	7.0	3.0	7.5	13.9	124	775	45,500	>7.0	NA
93/02/09	1645	50	0.5	7.0	2.5	7.5	12.7	111	775	43,700	>7.0	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/ day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
400311074035200 Metedeconk River at West Mantoloking (continued)												
93/02/09	1646	50	1.5	7.0	2.5	7.6	12.8	112	775	43,700	>7.0	NA
93/02/09	1647	50	3.5	7.0	3.0	7.6	13.0	114	775	44,200	>7.0	NA
93/02/09	1648	50	5.0	7.0	3.0	7.6	13.6	120	775	45,000	>7.0	NA
93/02/09	1649	50	6.5	7.0	3.0	7.6	16.1	144	775	45,700	>7.0	NA
93/03/26	1120	10	0.5	4.5	8.5	7.7	11.5	101	765	8,860	4.5	NA
93/03/26	1121	10	1.5	4.5	7.5	8.2	12.3	113	765	27,500	4.5	NA
93/03/26	1122	10	3.5	4.5	6.0	8.2	12.6	114	765	32,300	4.5	NA
93/03/26	1130	50	0.5	6.0	9.0	7.8	11.2	98	765	6,800	4.5	NA
93/03/26	1131	50	1.5	6.0	6.5	8.2	12.3	111	765	26,300	4.5	NA
93/03/26	1132	50	3.5	6.0	6.0	8.3	12.9	117	765	32,700	4.5	NA
93/03/26	1133	50	5.0	6.0	5.5	8.3	12.7	116	765	34,300	4.5	NA
93/03/26	1140	90	0.5	6.0	9.0	7.8	11.2	99	765	8,410	4.5	NA
93/03/26	1141	90	1.5	6.0	6.0	8.3	12.6	114	765	29,800	4.5	NA
93/03/26	1142	90	3.5	6.0	6.0	8.3	12.8	116	765	31,400	4.5	NA
93/03/26	1143	90	5.0	6.0	6.0	8.3	12.6	115	765	33,900	4.5	NA
93/04/08	1145	90	0.5	4.5	8.5	7.7	11.3	101	765	11,000	>5.0	NA
93/04/08	1146	90	0.5	4.5	8.5	7.8	11.4	102	765	12,800	>5.0	NA
93/04/08	1147	90	2.5	4.5	7.0	8.3	12.2	113	765	30,800	>5.0	NA
93/04/08	1148	90	4.0	4.5	7.0	8.3	12.7	119	765	33,500	>5.0	NA
93/04/08	1200	50	0.5	7.0	9.0	8.0	11.1	103	765	20,700	5.5	NA
93/04/08	1201	50	1.5	7.0	9.0	8.0	11.0	102	765	21,300	5.5	NA
93/04/08	1202	50	3.5	7.0	7.0	8.3	12.2	115	765	33,800	5.5	NA
93/04/08	1203	50	5.0	7.0	6.5	8.2	12.0	113	765	35,200	5.5	NA
93/04/08	1204	50	6.5	7.0	6.5	8.2	12.2	115	765	35,200	5.5	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/ day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
400311074035200 Metedeconk River at West Mantoloking (continued)												
93/04/08	1210	10	0.5	4.5	9.0	8.0	11.5	107	765	21,500	>4.5	NA
93/04/08	1211	10	1.5	4.5	7.0	8.3	12.8	121	765	33,000	>4.5	NA
93/04/08	1212	10	3.5	4.5	7.0	8.2	12.7	120	765	35,200	>4.5	NA
93/04/08	1645	50	0.5	6.5	11.0	7.9	11.0	107	765	20,100	NA	NA
93/04/08	1646	50	0.5	6.5	10.5	8.0	11.2	108	765	20,200	NA	NA
93/04/08	1647	50	2.5	6.5	9.0	8.2	12.3	119	765	28,500	NA	NA
93/04/08	1648	50	4.0	6.5	7.5	8.4	13.0	124	765	33,400	NA	NA
93/04/08	1649	50	6.0	6.5	7.5	8.4	13.3	126	765	34,600	NA	NA
93/04/22	1130	50	0.5	7.0	14.0	7.9	9.0	98	750	24,600	NA	NA
93/04/22	1131	50	1.5	7.0	14.0	7.9	9.0	98	750	24,600	NA	NA
93/04/22	1132	50	3.5	7.0	14.0	7.9	8.9	97	750	24,900	NA	NA
93/04/22	1133	50	5.0	7.0	13.0	7.8	8.3	90	750	29,400	NA	NA
93/04/22	1134	50	6.5	7.0	12.0	7.8	7.9	86	750	35,300	NA	NA
93/04/22	1625	50	0.5	6.5	14.5	7.9	9.3	102	750	24,700	NA	NA
93/04/22	1626	50	1.5	6.5	14.5	7.9	9.4	103	750	24,900	NA	NA
93/04/22	1627	50	3.5	6.5	14.5	7.9	9.4	103	750	25,000	NA	NA
93/04/22	1628	50	5.0	6.5	14.5	7.9	9.5	104	750	25,000	NA	NA
93/04/22	1629	50	5.5	6.5	14.5	7.9	9.7	106	750	24,900	NA	NA
93/05/06	1050	50	0.5	7.0	18.0	8.1	9.0	104	760	24,500	5.0	NA
93/05/06	1051	50	1.5	7.0	18.0	8.1	9.0	104	760	24,500	5.0	NA
93/05/06	1052	50	3.5	7.0	17.5	8.1	9.0	104	760	27,300	5.0	NA
93/05/06	1053	50	5.0	7.0	16.0	8.1	8.9	102	760	30,800	5.0	NA
93/05/06	1054	50	6.5	7.0	15.0	8.1	9.2	103	760	32,000	5.0	NA
93/05/06	1555	50	0.5	6.0	19.0	8.2	9.5	112	760	25,400	5.0	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/ day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
400311074035200 Metedeconk River at West Mantoloking (continued)												
93/05/06	1556	50	1.5	6.0	19.0	8.2	9.5	112	760	25,600	5.0	NA
93/05/06	1557	50	3.5	6.0	19.0	8.2	9.5	112	760	25,500	5.0	NA
93/05/06	1558	50	5.0	6.0	19.0	8.2	9.6	113	760	25,700	5.0	NA
93/05/20	1100	50	0.5	6.5	16.5	7.8	7.4	86	755	31,500	NA	NA
93/05/20	1101	50	1.5	6.5	15.5	7.8	7.1	82	755	34,100	NA	NA
93/05/20	1102	50	3.5	6.5	15.5	7.8	7.0	81	755	36,300	NA	NA
93/05/20	1103	50	5.0	6.5	14.5	7.8	6.9	79	755	38,700	NA	NA
93/05/20	1104	50	6.0	6.5	14.5	7.7	7.1	81	755	38,900	NA	NA
93/06/08	1313	50	0.5	6.5	19.5	8.0	8.4	104	760	34,400	4.0	NA
93/06/08	1314	50	1.5	6.5	19.0	8.0	8.3	102	760	34,300	4.0	NA
93/06/08	1315	50	3.5	6.5	19.0	8.0	8.1	100	760	35,000	4.0	NA
93/06/08	1316	50	5.0	6.5	18.5	8.0	8.2	100	760	36,000	4.0	NA
93/06/08	1317	50	6.0	6.5	16.5	8.0	8.5	102	760	40,500	4.0	NA
93/06/08	1815	50	0.5	6.5	19.5	8.1	9.0	112	760	35,000	NA	NA
93/06/08	1816	50	1.5	6.5	19.5	8.1	9.1	113	760	35,100	NA	NA
93/06/08	1817	50	3.5	6.5	19.5	8.1	9.1	113	760	35,600	NA	NA
93/06/08	1818	50	5.0	6.5	18.5	8.1	8.8	109	760	36,700	NA	NA
93/06/08	1819	50	6.0	6.5	16.5	8.1	8.8	106	760	40,400	NA	NA
93/06/21	1108	50	0.5	6.0	24.0	8.0	7.3	98	760	32,200	NA	NA
93/06/21	1109	50	1.5	6.0	23.5	7.9	7.1	94	760	33,000	NA	NA
93/06/21	1110	50	3.5	6.0	22.0	7.8	6.3	82	760	35,400	NA	NA
93/06/21	1111	50	5.0	6.0	20.0	7.6	5.7	72	760	38,100	NA	NA
93/06/21	1112	50	6.0	6.0	19.5	7.6	5.7	72	760	38,300	NA	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/ day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
400311074035200 Metedeconk River at West Mantoloking (continued)												
93/06/21	1651	50	0.5	6.5	24.5	8.0	8.0	108	760	33,800	2.0	NA
93/06/21	1652	50	1.5	6.5	24.5	8.0	8.0	108	760	33,900	2.0	NA
93/06/21	1653	50	3.5	6.5	24.0	8.0	7.9	106	760	34,100	2.0	NA
93/06/21	1654	50	5.0	6.5	23.5	8.0	6.9	93	760	35,300	2.0	NA
93/06/21	1655	50	6.0	6.5	19.5	7.7	6.0	76	760	39,500	2.0	NA
93/07/08	1120	50	0.5	6.5	28.5	8.0	7.4	108	760	33,400	2.0	NA
93/07/08	1121	50	1.5	6.5	28.5	8.0	7.3	106	760	33,700	2.0	NA
93/07/08	1122	50	3.5	6.5	28.5	7.9	7.1	103	760	34,300	2.0	NA
93/07/08	1123	50	5.0	6.5	28.5	7.9	7.0	102	760	34,700	2.0	NA
93/07/08	1124	50	6.0	6.5	28.5	7.9	5.4	79	760	35,100	2.0	NA
93/07/20	1200	50	0.5	7.0	24.5	7.8	7.0	94	760	30,600	2.0	NA
93/07/20	1201	50	1.5	7.0	24.5	7.8	7.0	94	760	31,200	2.0	NA
93/07/20	1202	50	3.5	7.0	24.0	7.8	5.7	77	760	34,100	2.0	NA
93/07/20	1203	50	5.0	7.0	23.0	7.7	5.3	71	760	38,300	2.0	NA
93/07/20	1204	50	6.0	7.0	23.0	7.7	4.9	66	760	39,200	2.0	NA
93/07/20	1700	50	0.5	6.5	26.0	8.1	9.4	129	760	28,900	2.0	NA
93/07/20	1701	50	1.5	6.5	26.0	8.1	9.5	130	760	28,900	2.0	NA
93/07/20	1702	50	3.5	6.5	26.0	8.1	9.3	127	760	29,200	2.0	NA
93/07/20	1703	50	5.0	6.5	25.5	8.0	8.9	122	760	30,100	2.0	NA
93/07/20	1704	50	6.0	6.5	25.0	7.9	7.4	101	760	34,400	2.0	NA
93/08/03	1820	50	0.5	7.0	27.5	8.0	7.2	102	760	32,900	2.0	NA
93/08/03	1821	50	1.5	7.0	27.5	8.0	7.1	101	760	33,300	2.0	NA
93/08/03	1822	50	3.5	7.0	27.0	8.0	7.2	102	760	33,800	2.0	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/ day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
400311074035200 Metedeconk River at West Mantoloking (continued)												
93/08/03	1823	50	5.0	7.0	27.0	8.0	7.4	105	760	34,300	2.0	NA
93/08/03	1824	50	6.0	7.0	27.0	8.0	7.8	111	760	34,800	2.0	NA
93/08/26	1730	50	0.5	6.5	26.5	8.1	7.6	106	765	34,400	2.0	NA
93/08/26	1731	50	1.5	6.5	26.5	8.1	7.8	109	765	34,100	2.0	NA
93/08/26	1732	50	3.5	6.5	26.0	8.0	7.2	100	765	34,900	2.0	NA
93/08/26	1733	50	5.0	6.5	26.0	8.0	7.1	99	765	35,300	2.0	NA
93/08/26	1734	50	6.0	6.5	26.0	8.0	7.0	98	765	35,400	2.0	NA
93/09/22	1155	50	0.5	6.0	18.0	8.1	9.2	109	765	31,500	NA	NA
93/09/22	1156	50	1.5	6.0	18.0	8.1	9.2	109	765	31,500	NA	NA
93/09/22	1157	50	3.5	6.0	18.0	8.1	8.9	106	765	33,500	NA	NA
93/09/22	1158	50	5.5	6.0	18.0	7.9	6.4	78	765	39,600	NA	NA
93/09/29	1130	50	0.5	5.0	18.0	8.3	9.3	108	765	27,800	4.0	NA
93/09/29	1131	50	1.5	5.0	18.0	8.3	9.3	108	765	27,800	4.0	NA
93/09/29	1132	50	3.5	5.0	18.0	8.3	9.2	107	765	27,800	4.0	NA
93/09/29	1133	50	4.5	5.0	18.0	8.3	9.2	107	765	28,000	4.0	NA
93/09/29	1545	50	0.5	6.5	18.5	8.4	10.1	118	765	26,100	3.0	NA
93/09/29	1546	50	1.5	6.5	18.5	8.4	10.1	119	765	27,400	3.0	NA
93/09/29	1547	50	3.5	6.5	18.5	8.4	10.0	118	765	28,100	3.0	NA
93/09/29	1548	50	5.0	6.5	18.5	8.3	9.2	110	765	31,900	3.0	NA
93/09/29	1549	50	6.0	6.5	18.5	8.3	9.2	110	765	31,800	3.0	NA
93/09/29	1549	50	6.0	6.5	18.5	8.3	9.2	110	765	31,800	3.0	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/ day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
400311074035200 Metedeconk River at West Mantoloking (continued)												
93/10/26	1135	50	0.5	6.0	13.5	7.5	9.0	97	770	32,100	NA	NA
93/10/26	1136	50	1.5	6.0	13.5	7.3	9.1	98	770	32,900	NA	NA
93/10/26	1137	50	3.5	6.0	13.5	7.1	9.1	98	770	33,100	NA	NA
93/10/26	1138	50	5.5	6.0	14.0	6.2	7.8	90	770	45,300	NA	NA
93/10/26	1540	50	0.5	6.0	13.5	7.8	NA	NA	770	33,700	NA	NA
93/10/26	1541	50	1.5	6.0	13.5	7.7	NA	NA	770	33,700	NA	NA
93/10/26	1542	50	3.5	6.0	13.5	7.6	NA	NA	770	39,400	NA	NA
93/10/26	1543	50	5.0	6.0	14.0	6.8	NA	NA	770	44,000	NA	NA
01408168 Barnegat Bay at Mantoloking												
92/10/15	1145	NA	4.0	8.0	16.5	NA	NA	NA	NA	35,200	3.5	NA
92/10/15	1715	NA	4.5	9.0	17.5	NA	NA	NA	NA	37,300	3.0	NA
92/12/15	1055	NA	0.5	9.0	3.5	7.4	11.6	91	770	12,500	3.5	NA
92/12/15	1056	NA	1.5	9.0	3.5	7.7	11.6	92	770	14,800	3.5	NA
92/12/15	1057	NA	3.5	9.0	3.5	7.8	11.4	92	770	21,200	3.5	NA
92/12/15	1058	NA	5.0	9.0	4.0	7.9	10.9	94	770	31,900	3.5	NA
92/12/15	1059	NA	6.5	9.0	4.5	7.9	11.0	95	770	29,900	3.5	NA
92/12/15	1100	NA	8.0	9.0	5.0	7.7	11.3	101	770	35,600	3.5	NA
92/12/15	1625	NA	0.5	10.0	4.5	7.8	11.1	94	770	23,500	3.5	NA
92/12/15	1626	NA	1.5	10.0	4.5	8.0	10.9	96	770	33,000	3.5	NA
92/12/15	1627	NA	3.5	10.0	4.5	8.0	11.0	97	770	33,100	3.5	NA
92/12/15	1628	NA	5.0	10.0	4.5	8.0	11.0	97	770	33,400	3.5	NA
92/12/15	1629	NA	6.5	10.0	4.5	8.0	10.8	96	770	34,600	3.5	NA
92/12/15	1630	NA	8.0	10.0	4.5	7.9	11.2	99	770	33,800	3.5	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/ day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
01408168 Barnegat Bay at Mantoloking (continued)												
93/02/09	1230	NA	0.5	8.5	1.5	7.4	12.5	105	775	42,000	>8.5	NA
93/02/09	1231	NA	1.5	8.5	1.5	7.4	12.7	108	775	42,500	>8.5	NA
93/02/09	1232	NA	3.5	8.5	2.5	7.4	12.3	107	775	44,300	>8.5	NA
93/02/09	1233	NA	5.0	8.5	2.5	7.4	12.2	107	775	44,900	>8.5	NA
93/02/09	1234	NA	6.5	8.5	2.5	7.4	12.1	107	775	45,200	>8.5	NA
93/02/09	1235	NA	8.0	8.5	3.0	7.4	12.1	107	775	45,300	>8.5	NA
93/03/26	1200	NA	0.5	8.0	8.0	8.1	12.5	112	765	17,300	4.5	NA
93/03/26	1201	NA	1.5	8.0	6.5	8.3	12.6	114	765	26,300	4.5	NA
93/03/26	1202	NA	3.5	8.0	6.5	8.3	12.7	115	765	27,400	4.5	NA
93/03/26	1203	NA	5.0	8.0	6.0	8.3	12.8	116	765	29,600	4.5	NA
93/03/26	1204	NA	6.5	8.0	6.0	8.3	13.0	118	765	31,000	4.5	NA
93/03/26	1205	NA	8.0	8.0	6.0	8.3	13.1	120	765	33,300	4.5	NA
93/04/08	1230	NA	0.5	8.0	8.0	8.3	12.0	114	765	29,000	6.0	NA
93/04/08	1231	NA	0.5	8.0	8.0	8.3	12.3	117	765	30,800	6.0	NA
93/04/08	1232	NA	2.5	8.0	7.5	8.3	12.4	117	765	31,500	6.0	NA
93/04/08	1233	NA	4.0	8.0	7.5	8.3	12.5	118	765	32,200	6.0	NA
93/04/08	1234	NA	6.0	8.0	7.0	8.3	12.4	116	765	33,500	6.0	NA
93/04/08	1235	NA	7.0	8.0	7.0	8.2	12.7	119	765	34,900	6.0	NA
93/04/08	1735	NA	0.5	8.0	9.5	8.4	12.8	125	765	30,700	NA	NA
93/04/08	1736	NA	1.5	8.0	9.0	8.4	13.2	129	765	31,300	NA	NA
93/04/08	1737	NA	3.5	8.0	9.0	8.4	13.4	131	765	31,400	NA	NA
93/04/08	1738	NA	5.0	8.0	9.0	8.5	13.8	134	765	31,500	NA	NA
93/04/08	1739	NA	7.5	8.0	8.5	8.5	14.6	142	765	32,300	NA	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/ day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
					01408168 Barnegat Bay at Mantoloking (continued)							
93/04/22	1205	NA	0.5	9.0	14.0	7.8	8.6	93	750	24,700	NA	NA
93/04/22	1206	NA	1.5	9.0	14.0	7.8	8.6	93	750	24,900	NA	NA
93/04/22	1207	NA	3.5	9.0	14.0	7.8	8.6	93	750	25,100	NA	NA
93/04/22	1208	NA	5.0	9.0	13.5	7.8	8.4	90	750	25,700	NA	NA
93/04/22	1209	NA	6.5	9.0	13.5	7.8	8.4	90	750	27,000	NA	NA
93/04/22	1210	NA	8.0	9.0	13.5	7.8	8.6	93	750	27,000	NA	NA
93/04/22	1720	NA	0.5	8.5	14.0	NA	8.8	95	750	24,000	NA	NA
93/04/22	1721	NA	1.5	8.5	14.0	NA	8.8	95	750	24,400	NA	NA
93/04/22	1722	NA	3.5	8.5	14.0	NA	8.9	96	750	24,400	NA	NA
93/04/22	1723	NA	5.0	8.5	14.0	NA	8.9	96	750	24,500	NA	NA
93/04/22	1724	NA	6.5	8.5	14.0	NA	9.0	97	750	24,500	NA	NA
93/04/22	1725	NA	8.0	8.5	14.0	7.8	9.3	100	750	24,500	NA	NA
93/05/06	1120	NA	0.5	9.0	17.5	8.2	9.0	104	760	27,100	5.0	NA
93/05/06	1121	NA	1.5	9.0	17.0	8.2	9.0	104	760	27,400	5.0	NA
93/05/06	1122	NA	3.5	9.0	17.0	8.2	9.0	104	760	27,900	5.0	NA
93/05/06	1123	NA	5.0	9.0	17.0	8.2	9.0	103	760	28,200	5.0	NA
93/05/06	1124	NA	6.5	9.0	16.0	8.1	8.8	100	760	29,300	5.0	NA
93/05/06	1125	NA	8.0	9.0	16.0	8.1	8.9	101	760	30,700	5.0	NA
93/05/06	1620	NA	0.5	7.5	18.0	8.2	9.0	106	760	28,100	5.0	NA
93/05/06	1621	NA	1.5	7.5	18.0	8.2	9.0	106	760	28,200	5.0	NA
93/05/06	1622	NA	3.5	7.5	18.0	8.2	8.9	105	760	28,600	5.0	NA
93/05/06	1623	NA	5.0	7.5	18.5	8.2	8.8	104	760	28,800	5.0	NA
93/05/06	1624	NA	6.5	7.5	18.5	8.2	8.8	104	760	28,800	5.0	NA
93/05/20	1120	NA	0.5	8.0	16.0	7.8	7.1	82	755	33,900	NA	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/ day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
01408168 Barnegat Bay at Mantoloking (continued)												
93/05/20	1121	NA	1.5	8.0	15.0	7.8	7.2	83	755	35,500	NA	NA
93/05/20	1122	NA	3.5	8.0	15.0	7.8	7.0	81	755	36,500	NA	NA
93/05/20	1123	NA	5.0	8.0	15.0	7.8	7.1	82	755	37,500	NA	NA
93/05/20	1124	NA	7.0	8.0	14.5	7.7	7.3	84	755	38,000	NA	NA
93/06/08	1345	NA	0.5	8.0	19.5	8.1	8.8	109	760	33,000	4.0	NA
93/06/08	1346	NA	1.5	8.0	19.5	8.1	8.8	108	760	33,500	4.0	NA
93/06/08	1347	NA	3.5	8.0	19.0	8.1	8.7	107	760	33,600	4.0	NA
93/06/08	1348	NA	5.0	8.0	19.0	8.0	8.6	105	760	34,000	4.0	NA
93/06/08	1349	NA	6.5	8.0	18.5	8.0	8.2	100	760	34,600	4.0	NA
93/06/08	1350	NA	8.0	8.0	18.0	8.0	8.0	97	760	34,700	4.0	NA
93/06/08	1847	NA	0.5	9.0	20.5	8.2	9.1	113	760	29,700	NA	NA
93/06/08	1848	NA	1.5	9.0	20.5	8.2	9.1	113	760	29,800	NA	NA
93/06/08	1849	NA	3.5	9.0	20.5	8.2	9.1	113	760	29,800	NA	NA
93/06/08	1850	NA	5.0	9.0	20.5	8.2	9.1	113	760	30,500	NA	NA
93/06/08	1851	NA	6.5	9.0	20.0	8.2	9.0	112	760	31,300	NA	NA
93/06/08	1852	NA	8.0	9.0	20.0	8.1	9.0	111	760	31,700	NA	NA
93/06/21	1145	NA	0.5	8.0	23.0	7.9	7.0	93	760	34,200	NA	NA
93/06/21	1146	NA	1.5	8.0	22.0	7.8	6.8	89	760	34,700	NA	NA
93/06/21	1147	NA	3.5	8.0	22.0	7.8	6.6	86	760	35,100	NA	NA
93/06/21	1148	NA	5.0	8.0	21.5	7.8	6.5	84	760	35,400	NA	NA
93/06/21	1149	NA	6.5	8.0	20.5	7.7	6.1	78	760	36,400	NA	NA
93/06/21	1150	NA	7.0	8.0	20.5	7.7	6.0	77	760	36,600	NA	NA
93/06/21	1725	NA	0.5	8.0	25.0	8.1	8.0	108	760	29,100	2.0	NA
93/06/21	1726	NA	1.5	8.0	25.0	8.1	8.0	108	760	29,200	2.0	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/ day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
					01408168 Barnegat Bay at Mantoloking (continued)							
93/06/21	1727	NA	3.5	8.0	25.0	8.1	8.0	108	760	29,300	2.0	NA
93/06/21	1728	NA	5.0	8.0	25.0	8.1	7.9	106	760	29,500	2.0	NA
93/06/21	1729	NA	6.5	8.0	25.0	8.1	7.9	106	760	29,600	2.0	NA
93/06/21	1730	NA	7.0	8.0	25.0	8.0	7.8	105	760	29,700	2.0	NA
93/07/08	1150	NA	0.5	7.0	28.0	7.9	6.6	95	760	33,100	1.5	NA
93/07/08	1151	NA	1.5	7.0	28.0	7.9	6.5	93	760	33,100	1.5	NA
93/07/08	1152	NA	3.5	7.0	28.0	7.9	6.5	93	760	33,000	1.5	NA
93/07/08	1153	NA	5.0	7.0	28.0	7.9	6.5	93	760	33,000	1.5	NA
93/07/08	1154	NA	6.5	7.0	28.0	7.9	6.4	92	760	33,000	1.5	NA
93/07/20	1220	NA	0.5	9.0	24.0	7.8	6.2	84	760	35,700	2.5	NA
93/07/20	1221	NA	1.5	9.0	24.0	7.8	6.3	85	760	35,700	2.5	NA
93/07/20	1222	NA	3.5	9.0	24.0	7.8	6.3	85	760	35,700	2.5	NA
93/07/20	1223	NA	5.0	9.0	23.5	7.7	6.2	84	760	35,900	2.5	NA
93/07/20	1224	NA	6.5	9.0	23.5	7.7	6.0	81	760	36,100	2.5	NA
93/07/20	1225	NA	8.0	9.0	23.5	7.7	5.5	74	760	37,000	2.5	NA
93/07/20	1735	NA	0.5	8.5	25.0	8.0	8.3	114	760	33,300	1.5	NA
93/07/20	1736	NA	1.5	8.5	25.0	8.0	8.3	114	760	33,400	1.5	NA
93/07/20	1737	NA	3.5	8.5	25.0	8.0	8.4	115	760	33,400	1.5	NA
93/07/20	1738	NA	5.0	8.5	25.0	8.0	8.3	114	760	33,500	1.5	NA
93/07/20	1739	NA	6.5	8.5	25.0	8.0	8.3	114	760	33,500	1.5	NA
93/07/20	1740	NA	7.5	8.5	25.0	8.0	8.3	114	760	33,400	1.5	NA
93/08/03	1850	NA	0.5	8.5	27.5	8.0	6.6	93	760	32,100	2.0	NA
93/08/03	1851	NA	1.5	8.5	27.5	8.0	6.7	95	760	32,100	2.0	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/ day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
01408168 Barnegat Bay at Mantoloking (continued)												
93/08/03	1852	NA	3.5	8.5	27.5	8.0	6.7	95	760	32,100	2.0	NA
93/08/03	1853	NA	5.0	8.5	27.5	8.0	6.7	95	760	32,100	2.0	NA
93/08/03	1854	NA	6.5	8.5	27.5	8.0	6.7	95	760	32,100	2.0	NA
93/08/03	1855	NA	8.0	8.5	27.5	8.0	6.7	95	760	32,100	2.0	NA
93/08/26	1800	NA	0.5	7.5	27.0	8.1	8.0	112	765	33,000	2.5	NA
93/08/26	1801	NA	1.5	7.5	27.0	8.2	8.0	112	765	33,000	2.5	NA
93/08/26	1802	NA	3.5	7.5	27.0	8.1	7.9	111	765	33,200	2.5	NA
93/08/26	1803	NA	5.0	7.5	26.5	8.1	7.8	109	765	34,000	2.5	NA
93/08/26	1804	NA	7.0	7.5	26.5	8.0	7.5	105	765	34,100	2.5	NA
93/09/22	1220	NA	0.5	7.5	18.0	8.1	8.6	103	765	35,400	NA	NA
93/09/22	1221	NA	1.5	7.5	18.0	8.1	8.6	103	765	34,900	NA	NA
93/09/22	1222	NA	3.5	7.5	18.0	8.1	8.5	102	765	35,400	NA	NA
93/09/22	1223	NA	5.0	7.5	18.0	8.1	8.4	101	765	35,900	NA	NA
93/09/22	1224	NA	7.0	7.5	18.0	8.0	8.5	102	765	36,400	NA	NA
93/09/29	1200	NA	0.5	7.5	18.0	8.2	8.4	100	765	32,400	3.0	NA
93/09/29	1201	NA	1.5	7.5	18.0	8.2	8.4	100	765	32,500	3.0	NA
93/09/29	1202	NA	3.5	7.5	18.0	8.2	8.4	100	765	32,500	3.0	NA
93/09/29	1203	NA	5.0	7.5	18.0	8.2	8.4	99	765	32,500	3.0	NA
93/09/29	1204	NA	6.5	7.5	18.0	8.2	8.3	98	765	32,500	3.0	NA
93/09/29	1615	NA	0.5	8.0	18.5	8.3	8.9	106	765	31,700	3.0	NA
93/09/29	1616	NA	1.5	8.0	18.5	8.3	9.0	108	765	31,600	3.0	NA
93/09/29	1617	NA	3.5	8.0	18.5	8.3	9.0	108	765	31,600	3.0	NA
93/09/29	1618	NA	5.0	8.0	18.5	8.3	9.0	108	765	31,700	3.0	NA
93/09/29	1619	NA	6.5	8.0	18.5	8.3	9.0	107	765	31,600	3.0	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/ day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
01408168 Barnegat Bay at Mantoloking (continued)												
93/09/29	1620	NA	7.5	8.0	18.5	8.3	9.0	107	765	31,600	3.0	NA
93/10/26	1210	NA	0.5	7.0	14.0	7.8	8.0	92	770	44,900	NA	NA
93/10/26	1211	NA	1.5	7.0	14.0	7.7	7.8	90	770	45,100	NA	NA
93/10/26	1212	NA	3.5	7.0	14.0	7.7	8.0	92	770	45,100	NA	NA
93/10/26	1213	NA	5.0	7.0	14.0	7.7	8.0	92	770	45,100	NA	NA
93/10/26	1214	NA	6.5	7.0	14.0	7.5	8.1	93	770	45,100	NA	NA
93/10/26	1600	NA	0.5	7.5	14.0	7.8	NA	NA	770	45,100	NA	NA
93/10/26	1601	NA	1.5	7.5	14.0	7.8	NA	NA	770	45,200	NA	NA
93/10/26	1602	NA	3.5	7.5	14.0	7.7	NA	NA	770	45,200	NA	NA
93/10/26	1603	NA	5.0	7.5	14.0	7.7	NA	NA	770	45,400	NA	NA
93/10/26	1604	NA	7.0	7.5	14.0	7.1	NA	NA	770	45,300	NA	NA
400337074033500 Barnegat Bay near Point Pleasant												
92/10/15	1150	NA	3.5	6.0	17.0	NA	NA	NA	NA	42,200	4.5	NA
92/10/15	1655	NA	3.5	6.5	18.0	NA	NA	NA	NA	42,400	3.5	NA
92/12/15	1035	NA	0.5	9.0	3.5	7.6	11.5	90	770	13,000	3.5	NA
92/12/15	1036	NA	1.5	9.0	3.5	7.7	11.7	98	770	28,900	3.5	NA
92/12/15	1037	NA	3.5	9.0	4.5	8.0	10.8	95	770	33,700	3.5	NA
92/12/15	1038	NA	5.0	9.0	5.0	8.0	10.4	93	770	34,700	3.5	NA
92/12/15	1039	NA	6.5	9.0	5.0	7.9	10.3	92	770	36,200	3.5	NA
92/12/15	1040	NA	8.0	9.0	6.0	7.7	10.0	94	770	40,200	3.5	NA
92/12/15	1610	NA	0.5	9.5	5.0	7.6	11.2	92	770	15,200	3.5	NA
92/12/15	1611	NA	1.5	9.5	5.0	7.8	10.9	92	770	21,800	3.5	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/ day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
400337074033500 Barnegat Bay near Point Pleasant (continued)												
92/12/15	1612	NA	3.5	9.5	5.0	7.9	10.6	92	770	29,000	3.5	NA
92/12/15	1613	NA	5.0	9.5	5.0	7.9	10.6	92	770	29,200	3.5	NA
92/12/15	1614	NA	6.5	9.5	5.0	7.9	10.4	91	770	30,500	3.5	NA
92/12/15	1615	NA	8.0	9.5	6.0	7.8	9.3	86	770	38,800	3.5	NA
93/01/14	1303	NA	8.0	8.5	5.5	7.5	10.3	NA	765	NA	5.0	NA
93/02/09	1245	NA	0.5	7.0	3.0	7.4	11.9	106	775	45,300	>7.0	NA
93/02/09	1246	NA	1.5	7.0	3.0	7.4	11.8	105	775	45,900	>7.0	NA
93/02/09	1247	NA	3.5	7.0	3.0	7.4	11.7	105	775	46,000	>7.0	NA
93/02/09	1248	NA	5.0	7.0	3.0	7.4	11.8	106	775	46,100	>7.0	NA
93/02/09	1249	NA	6.5	7.0	3.0	7.4	11.7	105	775	46,100	>7.0	NA
93/03/26	1150	NA	0.5	7.0	6.5	8.2	11.6	105	765	25,800	4.5	NA
93/03/26	1151	NA	1.5	7.0	6.0	8.3	12.2	112	765	32,900	4.5	NA
93/03/26	1152	NA	3.5	7.0	5.5	8.3	12.4	113	765	33,900	4.5	NA
93/03/26	1153	NA	5.0	7.0	5.5	8.3	12.5	114	765	34,500	4.5	NA
93/03/26	1154	NA	6.5	7.0	5.5	8.3	12.8	117	765	36,300	4.5	NA
93/04/08	1215	NA	0.5	8.0	7.0	8.2	11.7	111	765	36,200	4.0	NA
93/04/08	1216	NA	0.5	8.0	7.0	8.2	11.8	112	765	36,200	4.0	NA
93/04/08	1217	NA	2.5	8.0	7.0	8.2	11.7	111	765	36,300	4.0	NA
93/04/08	1218	NA	4.0	8.0	6.5	8.2	11.9	112	765	36,700	4.0	NA
93/04/08	1219	NA	6.0	8.0	6.5	8.2	12.0	113	765	37,000	4.0	NA
93/04/08	1220	NA	7.0	8.0	6.5	8.2	12.2	115	765	37,100	4.0	NA
93/04/08	1710	NA	0.5	7.5	10.5	8.2	12.0	120	765	29,300	NA	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/ day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
					400337074033500 Barnegat Bay near Point Pleasant (continued)							
93/04/08	1711	NA	1.5	7.5	9.5	8.4	13.0	127	765	30,100	NA	NA
93/04/08	1712	NA	3.5	7.5	9.0	8.4	13.3	130	765	31,900	NA	NA
93/04/08	1713	NA	5.0	7.5	8.5	8.4	13.6	132	765	32,300	NA	NA
93/04/08	1714	NA	6.5	7.5	7.5	8.4	14.6	141	765	36,500	NA	NA
93/04/22	1145	NA	0.5	8.5	13.0	7.9	8.6	92	750	28,800	NA	NA
93/04/22	1146	NA	1.5	8.5	12.5	7.9	8.5	91	750	29,300	NA	NA
93/04/22	1147	NA	3.5	8.5	12.5	7.9	8.4	90	750	30,700	NA	NA
93/04/22	1148	NA	5.0	8.5	12.0	7.9	8.5	90	750	31,500	NA	NA
93/04/22	1149	NA	6.5	8.5	11.0	7.9	8.5	89	750	33,700	NA	NA
93/04/22	1150	NA	8.0	8.5	11.0	7.9	8.6	91	750	35,000	NA	NA
93/04/22	1640	NA	0.5	8.0	14.0	8.0	9.2	100	750	24,700	NA	NA
93/04/22	1641	NA	1.5	8.0	14.0	NA	9.2	100	750	25,100	NA	NA
93/04/22	1642	NA	3.5	8.0	14.0	NA	9.2	100	750	25,400	NA	NA
93/04/22	1643	NA	5.0	8.0	14.5	NA	8.8	97	750	26,800	NA	NA
93/04/22	1644	NA	6.5	8.0	11.5	NA	8.6	92	750	33,700	NA	NA
93/04/22	1645	NA	7.0	8.0	11.5	NA	8.8	93	750	34,400	NA	NA
93/05/06	1105	NA	0.5	8.5	16.0	8.2	8.8	101	760	32,000	5.0	NA
93/05/06	1106	NA	1.5	8.5	15.5	8.1	8.7	99	760	33,200	5.0	NA
93/05/06	1107	NA	3.5	8.5	13.5	8.1	8.7	96	760	34,400	5.0	NA
93/05/06	1108	NA	5.0	8.5	12.5	8.1	8.8	96	760	38,300	5.0	NA
93/05/06	1109	NA	6.5	8.5	12.5	8.1	8.8	96	760	38,300	5.0	NA
93/05/06	1110	NA	8.0	8.5	12.5	8.0	8.8	97	760	38,300	5.0	NA
93/05/06	1610	NA	0.5	7.0	18.5	8.2	9.4	111	760	27,800	5.0	NA
93/05/06	1611	NA	1.5	7.0	18.0	8.2	9.4	111	760	27,900	5.0	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/ day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
400337074033500 Barnegat Bay near Point Pleasant (continued)												
93/05/06	1612	NA	3.5	7.0	18.0	8.2	9.5	112	760	29,200	5.0	NA
93/05/06	1613	NA	5.0	7.0	15.5	8.2	10.2	117	760	34,000	5.0	NA
93/05/06	1614	NA	6.5	7.0	15.0	8.2	10.6	121	760	35,300	5.0	NA
93/05/20	1105	NA	0.5	8.0	14.5	7.8	7.1	81	755	37,500	NA	NA
93/05/20	1106	NA	1.5	8.0	14.0	7.9	7.1	81	755	38,900	NA	NA
93/05/20	1107	NA	3.5	8.0	13.5	8.0	7.8	88	755	39,600	NA	NA
93/05/20	1108	NA	5.0	8.0	13.5	8.0	8.1	92	755	40,300	NA	NA
93/05/20	1109	NA	7.0	8.0	13.5	8.0	8.4	95	755	40,700	NA	NA
93/06/08	1328	NA	0.5	7.0	18.5	8.1	8.6	105	760	36,500	5.0	NA
93/06/08	1329	NA	1.5	7.0	17.5	8.0	7.7	93	760	37,100	5.0	NA
93/06/08	1330	NA	3.5	7.0	16.5	8.0	7.7	92	760	39,500	5.0	NA
93/06/08	1331	NA	5.0	7.0	16.5	8.0	7.7	92	760	39,900	5.0	NA
93/06/08	1332	NA	6.5	7.0	16.5	7.9	7.7	92	760	40,000	5.0	NA
93/06/08	1827	NA	0.5	8.0	19.5	8.1	8.9	110	760	34,400	NA	NA
93/06/08	1828	NA	1.5	8.0	19.5	8.1	8.9	110	760	34,400	NA	NA
93/06/08	1829	NA	3.5	8.0	19.5	8.1	9.0	112	760	34,400	NA	NA
93/06/08	1830	NA	5.0	8.0	19.5	8.1	9.0	112	760	34,500	NA	NA
93/06/08	1831	NA	6.5	8.0	19.5	8.1	9.1	113	760	34,900	NA	NA
93/06/08	1832	NA	7.5	8.0	18.0	8.4	12.9	158	760	38,900	NA	NA
93/06/21	1125	NA	0.5	8.0	23.0	7.8	7.1	94	760	34,700	NA	NA
93/06/21	1126	NA	1.5	8.0	18.5	7.7	6.0	75	760	40,300	NA	NA
93/06/21	1127	NA	3.5	8.0	18.0	7.7	6.1	75	760	41,200	NA	NA
93/06/21	1128	NA	5.0	8.0	17.5	7.7	6.1	75	760	41,500	NA	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/ day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
400337074033500 Barnegat Bay near Point Pleasant (continued)												
93/06/21	1129	NA	6.5	8.0	17.5	7.7	6.1	75	760	41,500	NA	NA
93/06/21	1130	NA	7.0	8.0	17.5	7.7	6.1	75	760	41,600	NA	NA
93/06/21	1703	NA	0.5	9.0	23.5	8.0	7.8	103	760	33,300	2.0	NA
93/06/21	1704	NA	1.5	9.0	23.5	8.0	7.8	104	760	33,500	2.0	NA
93/06/21	1705	NA	3.5	9.0	23.0	8.0	7.7	102	760	33,600	2.0	NA
93/06/21	1706	NA	5.0	9.0	23.0	8.0	7.7	102	760	33,900	2.0	NA
93/06/21	1707	NA	6.5	9.0	23.0	7.9	7.5	99	760	34,200	2.0	NA
93/06/21	1708	NA	8.0	9.0	21.5	7.9	6.0	78	760	36,700	2.0	NA
93/07/08	1135	NA	0.5	8.0	27.0	7.6	5.0	71	760	35,000	2.0	NA
93/07/08	1136	NA	1.5	8.0	27.0	7.6	5.0	71	760	35,000	2.0	NA
93/07/08	1137	NA	3.5	8.0	27.0	7.6	5.1	73	760	34,900	2.0	NA
93/07/08	1138	NA	5.0	8.0	27.0	7.6	5.2	74	760	34,900	2.0	NA
93/07/08	1139	NA	6.5	8.0	27.0	7.6	5.2	74	760	34,800	2.0	NA
93/07/08	1140	NA	7.5	8.0	27.0	7.6	4.9	70	760	35,000	2.0	NA
93/07/20	1205	NA	0.5	8.0	24.0	7.7	5.4	74	760	37,800	3.0	NA
93/07/20	1206	NA	1.5	8.0	23.0	7.8	5.5	75	760	40,400	3.0	NA
93/07/20	1207	NA	3.5	8.0	22.5	7.8	5.5	74	760	41,400	3.0	NA
93/07/20	1208	NA	5.0	8.0	22.0	7.8	5.6	75	760	42,000	3.0	NA
93/07/20	1209	NA	7.5	8.0	22.0	7.8	5.4	73	760	42,100	3.0	NA
93/07/20	1720	NA	0.5	8.0	25.5	8.0	8.6	118	760	32,900	1.5	NA
93/07/20	1721	NA	1.5	8.0	25.5	8.0	8.8	121	760	33,100	1.5	NA
93/07/20	1722	NA	3.5	8.0	25.5	8.0	8.6	118	760	33,200	1.5	NA
93/07/20	1723	NA	5.0	8.0	24.5	7.9	7.5	102	760	36,000	1.5	NA
93/07/20	1724	NA	6.5	8.0	23.0	7.8	6.2	84	760	39,500	1.5	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/ day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
400337074033500 Barnegat Bay near Point Pleasant (continued)												
93/07/20	1725	NA	7.5	8.0	23.0	7.8	6.0	81	760	40,300	1.5	NA
93/08/03	1830	NA	0.5	7.5	27.0	8.0	7.3	104	760	33,900	2.0	NA
93/08/03	1831	NA	1.5	7.5	27.0	8.0	7.3	104	760	34,000	2.0	NA
93/08/03	1832	NA	3.5	7.5	27.0	8.0	7.3	104	760	34,000	2.0	NA
93/08/03	1833	NA	5.0	7.5	27.0	8.0	7.3	104	760	34,100	2.0	NA
93/08/03	1834	NA	7.0	7.5	27.0	8.0	7.3	104	760	34,000	2.0	NA
93/08/26	1745	NA	0.5	7.5	25.0	8.0	7.0	97	765	38,500	2.5	NA
93/08/26	1746	NA	1.5	7.5	24.0	8.0	6.6	91	765	40,500	2.5	NA
93/08/26	1747	NA	3.5	7.5	24.0	7.9	6.6	90	765	40,800	2.5	NA
93/08/26	1748	NA	5.0	7.5	23.5	8.0	6.5	89	765	41,100	2.5	NA
93/08/26	1749	NA	7.0	7.5	23.5	7.9	6.5	89	765	42,100	2.5	NA
93/09/22	1205	NA	0.5	7.0	18.0	7.9	7.5	91	765	38,700	NA	NA
93/09/22	1206	NA	1.5	7.0	18.0	7.9	7.4	90	765	38,900	NA	NA
93/09/22	1207	NA	3.5	7.0	18.0	7.9	7.4	90	765	39,200	NA	NA
93/09/22	1208	NA	5.0	7.0	18.0	7.9	7.4	90	765	39,100	NA	NA
93/09/22	1209	NA	6.0	7.0	18.0	8.1	9.2	109	765	31,500	NA	NA
93/09/29	1140	NA	0.5	7.5	18.0	8.1	7.9	95	765	35,900	3.0	NA
93/09/29	1141	NA	1.5	7.5	18.0	8.1	7.9	95	765	35,600	3.0	NA
93/09/29	1142	NA	3.5	7.5	18.0	8.1	7.7	93	765	36,000	3.0	NA
93/09/29	1143	NA	5.0	7.5	18.0	8.1	7.7	94	765	40,400	3.0	NA
93/09/29	1144	NA	6.5	7.5	17.5	7.9	6.4	78	765	41,400	3.0	NA
93/09/29	1555	NA	0.5	8.0	18.5	8.4	9.6	114	765	29,600	2.5	NA

Appendix 7. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/ day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
400337074033500 Barnegat Bay near Point Pleasant (continued)												
93/09/29	1556	NA	1.5	8.0	18.5	8.4	9.6	114	765	29,600	2.5	NA
93/09/29	1557	NA	3.5	8.0	18.5	8.4	9.3	111	765	30,900	2.5	NA
93/09/29	1558	NA	5.0	8.0	18.5	8.3	9.1	109	765	33,500	2.5	NA
93/09/29	1559	NA	6.5	8.0	18.0	8.2	8.4	102	765	37,000	2.5	NA
93/09/29	1600	NA	7.0	8.0	18.0	8.1	8.0	98	765	39,400	2.5	NA
93/10/26	1150	NA	0.5	7.0	14.0	7.4	8.6	97	770	40,800	NA	NA
93/10/26	1151	NA	1.5	7.0	14.0	7.3	8.5	96	770	42,200	NA	NA
93/10/26	1152	NA	3.5	7.0	14.0	7.1	8.1	93	770	44,300	NA	NA
93/10/26	1153	NA	5.0	7.0	14.0	6.9	8.2	94	770	45,200	NA	NA
93/10/26	1154	NA	6.5	7.0	14.0	6.4	8.2	94	770	45,300	NA	NA
93/10/26	1555	NA	0.5	7.5	14.0	7.9	NA	NA	770	43,600	NA	NA
93/10/26	1556	NA	1.5	7.5	14.0	7.8	NA	NA	770	43,600	NA	NA
93/10/26	1557	NA	3.5	7.5	14.0	7.8	NA	NA	770	43,600	NA	NA
93/10/26	1558	NA	5.0	7.5	14.0	7.7	NA	NA	770	44,100	NA	NA
93/10/26	1559	NA	7.0	7.5	14.0	7.3	NA	NA	770	44,000	NA	NA

Appendix 8. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Results of laboratory measurements of dissolved constituents, October 1992 - October 1993

[Laboratory analyses were conducted on water samples at the stations listed below. USGS, U.S. Geological Survey; NA, not applicable or not available]

Index number (fig. 2)	USGS station number	USGS station name	Location of the channel in the cross section, in percent distance from left to right bank
3	400412074082600	Metedeconk River near Bricktown	95
4	400405074080600	Metedeconk River at Laurelton Gardens	5
5	01408155	Metedeconk River at Laurelton	25, 75 (two channels)
6	400353074074900	Metedeconk River 1,200 feet downstream from Route 70 at Laurelton	50
7	400343074073400	Metedeconk River 0.6 miles downstream from Route 70 at Laurelton	50
8	400337074071600	Metedeconk River 0.9 miles downstream from Route 70 near Laurelton	50
9	01408160	Metedeconk River near Laurelton	50
10	400313074055200	Metedeconk River at Eagle Point at Adamston	50
11	400314074044500	Metedeconk River at Metedeconk	50
12	400311074035200	Metedeconk River at West Mantoloking	50
13	01408168	Barnegat Bay at Mantoloking	NA
14	400337074033500	Barnegat Bay near Point Pleasant	NA

Appendix 8. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Results of laboratory measurements of dissolved constituents, October 1992 - October 1993--Continued

The following information is presented:

Characteristic	Unit	Rounding
Date and time of water sample	NA	NA
Distance from left bank	Percent of distance from left to right bank	1
Sample depth	Feet	0.5
Specific conductance	Microsiemens per centimeter at 25 degrees Celsius	1
Salinity	Parts per thousand	0.01
Dissolved-chloride concentration	Milligrams per liter as chloride	1
Dissolved-solids concentration	Milligrams per liter	1

Appendix 8. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Results of laboratory measurements of dissolved constituents, October 1992 - October 1993--Continued

Date (year/month/ day)	Time	Distance from left bank	Sample depth	Specific conductance	Salinity	Dissolved-chloride concentration	Dissolved-solids concentration
			400412074082600 Metedeconk River near Bricktown				
92/10/15	1030	10	0.5	290	0.08	28	82
92/10/15	1035	10	1.5	134	0.09	16	84
			400405074080600 Metedeconk River at Laurelton Gardens				
92/10/15	1055	20	0.5	139	0.11	23	90
92/10/15	1100	20	2.0	239	0.12	46	144
			01408155 Metedeconk River at Laurelton				
92/10/15	1125	25	1.5	1,100	0.76	292	635
92/10/15	1115	25	3.5	30,400	19.80	11,100	19,600
93/02/09	0930	25	0.5	405	0.22	95	195
93/03/26	0900	25	0.5	92	0.05	15	40
93/04/08	0855	25	0.5	99	0.05	17	70
93/04/22	0915	25	0.5	134	0.07	23	3.
93/05/06	0900	25	0.5	118	0.07	18	30
93/05/20	0905	25	0.5	204	0.11	42	80
93/06/08	1112	25	0.5	536	0.30	138	280
93/06/21	0940	25	0.5	1,250	0.73	297	640
93/07/08	0955	25	0.5	406	0.23	101	220
93/08/03	1640	25	0.5	1,460	0.85	434	835
93/08/26	0945	25	0.5	819	0.45	316	424
93/10/26	0950	25	0.5	165	0.08	392	60
			400353074074900 Metedeconk River 1,200 feet downstream from Route 70 at Laurelton				
92/10/15	1135	50	1.5	2,860	1.70	768	1,330
92/10/15	1205	50	3.5	31,000	20.20	11,400	20,300
93/01/14	1040	50	1.5	416	0.23	172	330
93/09/22	1030	50	0.5	778	0.36	202	380

Appendix 8. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Results of laboratory measurements of dissolved constituents, October 1992 - October 1993--Continued

Date (year/month/ day)	Time	Distance from left bank	Sample depth	Specific conductance	Salinity	Dissolved-chloride concentration	Dissolved-solids concentration
400343074073400 Metedeconk River 0.6 miles downstream from Route 70 at Laurelton							
92/10/15	1235	50	1.5	14,600	15.90	4,600	8,870
92/10/15	1225	50	3.5	32,400	23.20	11,700	24,100
92/12/15	0910	50	0.5	2,130	1.16	568	1,130
93/07/20	1035	50	0.5	1,300	0.77	365	688
93/09/29	1010	50	0.5	1,540	0.77	28	712
400337074071600 Metedeconk River 0.9 miles downstream from Route 70 near Laurelton							
92/10/15	1330	50	1.0	29,400	21.70	10,200	21,200
92/10/15	1320	50	2.5	25,200	22.70	9,400	17,100
01408160 Metedeconk River near Laurelton							
92/10/15	1315	50	1.5	33,800	21.50	11,600	22,200
92/10/15	1310	50	6.5	35,300	21.90	11,400	23,000
400313074055200 Metedeconk River at Eagle Point at Adamston							
92/10/15	1300	50	2.5	21,600	11.10	6,900	14,400
92/10/15	1255	50	6.0	33,000	22.60	11,200	21,700
400314074044500 Metedeconk River at Metedeconk							
92/10/15	1235	50	2.5	31,500	19.90	10,400	20,300
92/10/15	1230	50	5.5	38,900	25.10	12,500	24,900
400311074035200 Metedeconk River at West Mantoloking							
92/10/15	1215	50	2.5	32,600	22.00	11,700	21,600
92/10/15	1210	50	5.0	42,200	26.80	14,900	25,800
01408168 Barnegat Bay at Mantoloking							
92/10/15	1150	NA	1.5	36,800	24.30	12,200	24,400
92/10/15	1145	NA	6.5	36,700	24.60	14,800	25,200

Appendix 8. Measurements at tidal stations in and near the tidal embayment of the Metedeconk River, N.J.--Results of laboratory measurements of dissolved constituents, October 1992 - October 1993--Continued

Date (year/month/ day)	Time	Distance from left bank	Sample depth	Specific conductance	Salinity	Dissolved-chloride concentration	Dissolved-solids concentration
			00337074033500 Barnegat Bay near Point Pleasant				
92/10/15	1200	NA	1.5	42,000	29.60	15,400	30,700
92/10/15	1155	NA	6.5	42,500	30.10	16,300	31,400

Appendix 9. Measurements at nontidal stations on tributaries to the tidal embayment of the Toms River, N.J.--Daily mean streamflow, October 1992 - September 1994

[Values of streamflow in cubic feet per second are presented for the continuous-record station listed below. USGS, U.S. Geological Survey; NA, not applicable]

Index number (fig. 3)	USGS station number	USGS station name
17	01408500	Toms River near Toms River

Appendix 9. Measurements at nontidal stations on tributaries to the tidal embayment of the Toms River, N.J.
--Daily mean streamflow, October 1992 - September 1994--Continued

Day	Daily mean streamflow											
	October	November	December	January	February	March	April	May	June	July	August	September
	01408500 Toms River near Toms River, October 1992 - September 1993											
1	148	108	162	227	162	178	597	223	136	79	76	86
2	131	109	148	219	152	175	623	209	143	79	73	88
3	119	155	140	205	147	174	659	200	137	107	71	87
4	111	185	132	195	153	214	621	194	130	106	70	85
5	105	200	134	203	151	353	535	193	127	109	68	85
6	101	211	137	218	151	441	459	200	127	104	86	82
7	100	189	136	240	148	568	386	210	123	90	139	81
8	99	171	132	252	151	526	336	213	118	88	137	107
9	98	152	127	237	152	429	307	198	114	81	120	115
10	104	138	122	222	152	338	292	185	125	75	106	129
11	104	130	259	212	151	287	289	178	124	70	94	120
12	112	124	490	212	166	253	285	171	117	67	89	112
13	126	140	1130	223	224	268	279	169	113	66	85	101
14	120	149	980	238	247	369	266	163	106	95	82	93
15	115	147	699	248	272	369	259	161	102	141	81	88
16	109	139	541	240	280	404	265	160	99	142	78	84
17	105	131	435	221	299	430	275	156	96	135	264	90
18	102	126	377	205	309	475	263	154	93	105	330	145
19	99	122	348	193	329	521	267	169	93	141	427	173
20	98	118	357	182	292	543	254	187	97	225	410	175
21	99	116	341	176	243	488	235	187	95	215	263	199
22	96	117	303	193	228	427	236	179	117	222	185	193
23	95	135	275	207	231	384	239	166	106	190	149	194
24	95	159	253	218	234	423	249	155	110	131	128	194
25	97	182	232	213	226	487	248	148	97	109	116	169
26	98	188	219	201	208	574	241	140	89	97	107	206
27	98	191	209	190	193	557	252	134	84	93	101	274
28	96	202	203	180	184	506	251	128	82	90	96	406
29	96	206	203	174	NA	492	263	124	79	85	94	485
30	95	182	215	168	NA	541	245	119	80	81	90	374
31	101	NA	221	164	NA	589	NA	117	NA	77	87	NA

Appendix 9. Measurements at nontidal stations on tributaries to the tidal embayment of the Toms River, N.J.
--Daily mean streamflow, October 1992 - September 1994--Continued

Day	Daily mean streamflow											
	October	November	December	January	February	March	April	May	June	July	August	September
	01408500 Toms River near Toms River, October 1993 - September 1994											
1	260	215	211	155	473	378	620	267	164	111	98	140
2	197	225	194	169	349	319	533	265	155	106	170	130
3	171	229	175	178	276	374	453	240	147	104	180	125
4	153	216	165	215	239	494	404	215	141	138	190	120
5	142	202	203	235	224	621	373	217	136	169	195	115
6	138	202	243	247	215	693	348	213	135	145	240	110
7	129	203	278	248	210	641	343	205	147	126	248	110
8	123	210	302	282	208	593	340	263	151	112	200	105
9	121	199	279	271	206	578	335	286	144	110	175	103
10	119	184	228	258	202	612	326	318	136	105	140	98
11	114	172	219	230	198	672	324	315	130	98	125	95
12	135	164	209	220	200	764	324	263	127	92	120	94
13	199	158	209	233	204	679	341	225	126	90	115	92
14	218	156	196	247	203	579	372	210	125	87	130	90
15	245	155	185	258	192	506	391	197	121	141	195	90
16	227	152	177	248	198	452	417	227	117	155	225	89
17	192	149	173	228	196	417	401	252	118	135	220	90
18	169	147	165	294	194	395	372	289	116	140	235	125
19	152	144	162	271	203	377	283	321	112	154	202	130
20	153	142	161	287	232	360	296	324	108	143	180	130
21	172	138	202	291	284	350	272	320	106	126	165	120
22	210	135	228	235	339	389	252	309	106	113	205	115
23	225	133	263	199	397	425	238	273	101	116	305	175
24	237	132	291	191	496	473	230	233	109	122	400	195
25	233	131	265	193	559	471	219	210	142	122	370	190
26	209	129	217	197	585	428	216	225	139	118	300	180
27	200	128	188	192	521	389	213	235	124	127	230	175
28	179	139	173	299	449	415	209	231	117	129	190	215
29	168	162	164	473	NA	508	212	206	114	119	165	205
30	168	191	161	709	NA	636	267	186	114	96	160	180
31	197	NA	156	637	NA	697	NA	175	NA	95	150	NA

Appendix 10. Measurements at nontidal stations on tributaries to the tidal embayment of the Toms River, N.J.--Measured values of discrete streamflow, October 1992 - August 1993

[Streamflow measurements were made at the stations listed below. USGS, U.S. Geological Survey]

Index number (fig. 3)	USGS station number	USGS station name
15	01408630	Davenport Branch near Toms River
16	01408600	Wrangle Brook near Toms River

The following information is presented:

Characteristic	Unit	Rounding
Date and time of streamflow measurement	NA	NA
Stage	Feet above local datum	0.01
Streamflow	Cubic feet per second	1

Appendix 10. Measurements at nontidal stations on tributaries to the tidal embayment of the Toms River, N.J.--Measured values of discrete streamflow, October 1992 - August 1993--Continued

Date (year/month/day)	Time	Stage	Streamflow
	01408630 Davenport Branch near Toms River		
92/10/30	1347	0.56	12
92/12/02	1104	0.57	12
92/12/21	0912	0.68	24
93/01/20	1520	0.60	17
93/02/19	1058	0.63	19
93/03/23	0931	0.72	29
93/04/29	1442	0.68	25
93/06/18	1340	0.53	13
93/08/30	1357	0.50	11
	01408600 Wrangle Brook near Toms River		
92/10/29	1100	2.85	26
92/12/02	1253	2.95	30
92/12/21	1542	3.44	40
93/01/21	1425	3.10	37
93/02/11	1528	3.02	32
93/03/23	1101	3.63	62
93/04/29	1144	3.33	48
93/06/18	1442	2.51	21
93/08/30	1154	2.72	25

Appendix 11. Measurements at nontidal stations on tributaries to the tidal embayment of the Toms River, N.J.--Daily minimum and maximum values of water-quality characteristics from measurements by movable monitors, July 1993 - August 1993

[Measurements were made at the station listed below. USGS, U.S. Geological Survey; Min, daily minimum; Max, daily maximum]

Index number (fig. 3)	USGS station number	USGS station name	Period of deployment (year/month/day)	Location in cross section	Approximate depth of measurement, in feet
17	01408500	Toms River near Toms River	93/07/28-93/08/03	Near bottom	5

The following characteristics were measured. The interval between measurements was 60 minutes. Days with partial records are included.

Characteristic	Unit	Rounding
Temperature	Degrees Celsius	0.5
Specific conductance	Microsiemens per centimeter at 25 degrees Celsius	100
pH	Standard units	0.1
Dissolved-oxygen concentration	Milligrams per liter	0.1

Appendix 11. Measurements at nontidal stations on tributaries to the tidal embayment of the Toms River, N.J.--Daily minimum and maximum values of water-quality characteristics from measurements by movable monitors, July 1993 - August 1993--Continued

Date year/month/day	Daily minimum and maximum							
	Temperature		Specific conductance		pH		Dissolved-oxygen concentration	
	Min	Max	Min	Max	Min	Max	Min	Max
01408500 Toms River near Toms River, near bottom								
93/07/28	23.0	23.5	100	100	5.3	5.6	7.4	8.1
93/07/29	21.5	24.0	100	100	5.3	5.4	7.3	8.0
93/07/30	21.5	23.5	100	100	5.4	5.4	7.3	7.9
93/07/31	20.5	22.0	100	100	5.4	5.5	7.4	8.1
93/08/01	20.5	22.0	100	100	5.5	5.5	7.6	8.0
93/08/02	20.5	23.0	100	100	5.5	5.5	7.5	8.1
93/08/03	21.5	21.5	100	100	5.4	5.5	7.4	7.5

Appendix 12. Measurements at nontidal stations on tributaries to the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993

[Water-quality data are presented for the stations listed below. USGS, U.S. Geological Survey; NA, not applicable or not available; <, less than; E, estimated from relation between streamflow at 01408600, Wrangle Brook near Toms River, and at 01408500, Toms River near Toms River]

Index number (fig. 3)	USGS station number	USGS station name
15	01408630	Davenport Branch near Toms River
16	01408600	Wrangle Brook near Toms River
17	01408500	Toms River near Toms River

The following information is presented:

Characteristic	Unit	Rounding
Date and time of measurement	NA	NA
Stage	Feet above a local datum	0.01
Streamflow	Cubic feet per second	1
Temperature	Degrees Celsius	0.5
pH	Standard units	0.1
Dissolved-oxygen concentration	Milligrams per liter	0.1
Dissolved-oxygen concentration as a percent of saturation	Percent	1
Barometric pressure	Millimeters of mercury	5
Specific conductance	Microsiemens per centimeter at 25 degrees Celsius	NA

Appendix 12. Measurements at nontidal stations on tributaries to the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/month/day)	Time	Stage	Streamflow	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conductance
						In milligrams per liter	As a percent of saturation		
				01408630 Davenport Branch near Toms River					
92/10/20	1345	0.55	14	11.0	4.5	10.8	97	770	<200
92/10/29	1811	0.57	15	NA	NA	NA	NA	NA	NA
92/10/30	1546	0.56	15	13.0	4.5	10.6	100	760	<200
92/12/22	0840	0.67	24	5.0	4.2	11.4	89	765	<200
93/01/20	1700	0.60	18	5.0	NA	12.2	94	775	<200
93/02/11	0930	0.59	17	5.0	NA	12.2	94	770	<200
93/03/23	0915	0.72	30	6.0	NA	11.5	91	775	<200
93/04/05	0845	0.77	36	7.5	NA	10.5	86	770	<200
93/04/27	1330	0.68	25	16.5	NA	11.1	113	765	<200
93/05/25	0840	0.60	18	16.5	4.5	9.1	93	760	<200
93/06/09	0900	0.59	17	17.5	4.6	8.6	91	760	<200
93/06/23	0830	0.55	14	17.5	4.6	8.4	88	765	<200
93/07/08	1830	0.49	10	29.0	4.5	7.9	104	760	<200
93/07/22	0840	0.58	16	18.5	4.4	8.2	88	760	<200
93/08/03	0855	0.47	10	20.0	4.6	8.7	96	760	<200
93/08/24	0840	0.53	13	18.0	4.6	8.8	92	765	<200
93/09/08	0900	0.49	10	17.5	4.7	8.9	93	760	<200
93/09/22	1410	0.54	14	17.0	4.6	10.2	105	765	<200
93/10/28	0850	0.52	12	11.5	4.6	9.9	91	755	<200

Appendix 12. Measurements at nontidal stations on tributaries to the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/month/day)	Time	Stage	Streamflow	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conductance
						In milligrams per liter	As a percent of saturation		
				01408600 Wrangle Brook near Toms River					
92/10/20	1530	2.74	26	11.5	5.2	10.3	93	770	<200
92/10/30	1600	2.83	28	13.0	5.0	9.7	92	760	<200
92/12/22	0815	3.40	52	6.0	4.3	11.1	88	765	<200
93/01/20	1710	3.11	3	6.0	NA	11.2	88	775	<200
93/02/11	0914	3.02	33	6.5	NA	11.3	91	770	<200
93/03/23	0900	3.61	62	7.0	NA	11.0	89	775	<200
93/04/05	0830	3.76	74	8.0	NA	10.2	86	770	<200
93/04/27	1345	3.42	52	15.5	NA	10.5	105	765	<200
93/05/11	1445	3.05	35	20.5	4.9	10.7	119	760	<200
93/05/25	0825	2.93	30	17.0	4.9	8.4	87	760	<200
93/06/09	0830	2.73	25	17.0	NA	8.4	88	760	<200
93/06/23	0815	2.60	23	18.0	5.2	7.9	83	765	<200
93/07/08	1845	2.41	20	24.0	5.1	7.7	92	760	<200
93/07/22	0820	NA	42E	19.5	4.5	7.6	83	760	<200
93/08/03	0840	2.44	20	19.5	5.2	8.0	88	760	<200
93/08/24	0825	2.84	28	18.5	4.9	8.0	85	765	<200
93/09/08	0845	2.74	26	18.5	5.2	8.1	86	760	<200
93/09/22	1350	3.21	41	16.5	4.9	9.0	92	765	<200
93/10/28	0830	3.13	38	13.0	4.8	8.5	81	755	<200

Appendix 12. Measurements at nontidal stations on tributaries to the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/month/day)	Time	Stage	Streamflow	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conductance
						In milligrams per liter	As a percent of saturation		
				01408500 Toms River near Toms River					
92/10/20	1700	3.30	98	9.5	5.9	10.3	90	770	<200
92/10/30	1620	3.27	95	11.5	5.7	10.2	93	760	<200
92/12/02	1817	3.75	145	NA	NA	NA	NA	NA	NA
92/12/22	0750	5.08	305	4.0	4.2	11.9	90	765	<200
93/01/20	1735	4.06	181	3.0	NA	12.7	93	775	<200
93/02/11	1000	3.80	151	4.0	NA	12.7	96	770	<200
93/03/23	0840	5.64	384	5.0	NA	11.9	91	775	<200
93/04/05	0805	6.70	550	7.0	NA	10.5	86	770	<200
93/04/27	0940	4.68	253	13.5	NA	9.4	90	765	<200
93/05/11	1510	4.02	176	19.5	5.0	8.6	94	760	<200
93/05/25	0800	3.78	149	17.0	5.5	8.6	89	760	<200
93/06/09	0800	3.47	115	17.5	5.9	8.5	90	760	<200
93/06/23	0800	3.43	111	20.0	5.8	7.7	84	765	<200
93/07/08	1930	3.09	78	25.5	5.7	7.1	87	760	<200
93/07/22	0800	4.45	225	20.0	4.5	7.8	86	760	<200
93/07/28	1524	3.19	88	23.0	5.3	8.1	95	760	<200
93/08/03	0800	3.03	73	21.5	5.7	7.4	84	760	<200
93/08/24	0800	3.62	131	20.0	4.7	7.9	87	765	<200
93/09/08	0820	3.36	104	20.0	5.6	8.0	89	760	<200
93/09/22	1330	4.13	188	15.5	4.8	9.1	91	765	<200
93/10/28	0810	4.07	182	12.5	4.7	9.2	87	755	<200

Appendix 13. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Daily minimum and maximum tidal-water level, October 1992 - November 1993

[Values of tidal-water level are given in feet above the National Geodetic Vertical Datum of 1929 for the station listed below. Min, daily minimum; Max, daily maximum; USGS, U.S. Geological Survey; NA, not available or not applicable]

Index number (fig. 3)	USGS station number	USGS station name
22	01408719	Toms River at Cedar Point at South Toms River

Appendix 13. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.
--Daily minimum and maximum tidal-water level, October 1992 - November 1993--Continued

Day	Daily minimum and maximum tidal-water level											
	October 1992		November 1992		December 1992		January 1993		February 1993		March 1993	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
					01408719 Toms River near Toms River							
1	0.68	1.29	0.91	1.50	0.66	1.24	0.06	1.34	-0.01	1.35	1.53	2.28
2	0.86	1.56	0.98	2.00	0.87	1.79	-0.02	0.65	-0.14	1.51	0.92	2.21
3	0.63	1.20	1.52	2.45	0.56	1.74	0.07	0.92	1.37	2.08	0.92	1.64
4	0.56	1.42	1.47	2.16	0.51	1.16	0.47	1.22	0.54	1.52	0.87	2.39
5	0.88	1.85	1.22	1.89	-0.55	0.79	0.57	1.75	0.64	1.48	2.21	3.21
6	1.32	1.94	0.98	1.69	-0.62	0.41	0.35	1.20	NA	NA	2.01	2.91
7	1.18	1.68	0.92	1.46	-0.11	0.46	0.72	1.67	NA	NA	1.57	2.39
8	1.04	1.62	0.78	1.45	-0.13	0.68	0.92	1.82	1.10	1.91	0.94	1.96
9	1.13	2.29	0.68	1.45	0.25	1.18	0.91	1.46	0.99	1.77	0.80	1.86
10	1.41	2.12	0.83	1.58	0.71	2.87	1.09	1.94	1.00	1.80	0.93	1.78
11	1.41	2.15	0.90	1.65	2.81	5.55	1.49	2.26	0.86	1.52	0.81	1.97
12	1.34	1.97	0.73	2.07	3.12	5.32	1.31	2.05	1.13	1.96	0.70	1.39
13	1.24	1.86	1.21	2.53	2.83	3.84	1.49	2.28	1.24	2.63	0.51	3.23
14	1.08	1.85	0.66	1.43	2.83	3.60	1.58	2.28	0.56	1.65	NA	NA
15	1.05	1.86	0.65	1.27	2.08	3.34	1.30	2.33	0.51	1.24	NA	NA
16	1.10	2.10	0.49	1.16	1.25	2.36	1.00	1.86	0.70	1.99	-0.41	0.46
17	0.87	1.71	0.68	1.43	1.25	2.14	0.98	1.98	0.52	1.54	-0.08	0.61
18	0.82	1.66	0.68	1.28	0.65	1.63	0.62	1.50	0.29	0.74	-0.31	0.26
19	1.02	1.64	0.70	1.37	0.57	1.28	0.35	0.98	0.24	1.12	0.05	1.20
20	1.08	2.11	0.82	1.60	0.78	1.63	0.21	0.79	0.71	1.60	0.78	1.39
21	1.11	1.74	1.03	1.74	0.46	1.06	0.10	1.29	NA	NA	0.64	1.16
22	0.82	1.52	1.02	1.80	0.36	1.25	1.16	1.85	1.55	2.32	0.55	1.08
23	0.93	1.75	1.21	2.00	0.77	1.71	0.88	1.54	1.19	2.26	0.49	1.10
24	1.19	1.76	1.07	2.26	0.01	1.32	0.89	1.84	0.27	1.37	0.61	1.33
25	0.82	1.55	1.66	2.55	0.03	0.95	0.52	1.59	0.24	0.77	0.44	1.41
26	1.00	1.60	1.40	2.33	0.03	0.82	0.23	0.98	0.52	0.97	0.75	1.48
27	0.78	1.48	1.21	2.03	-0.23	0.58	0.74	1.37	0.49	1.17	0.65	1.39
28	0.75	1.57	0.88	1.64	0.37	0.95	1.08	1.65	1.17	1.83	0.80	1.44
29	0.84	1.69	0.98	1.67	0.60	1.16	-0.08	1.47	NA	NA	1.07	1.65
30	0.86	1.51	0.76	1.30	0.69	1.21	-0.30	0.53	NA	NA	1.24	2.00
31	0.70	1.27	NA	NA	0.95	1.73	-0.24	0.65	NA	NA	1.39	2.07

Appendix 13. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.
--Daily minimum and maximum tidal-water level, October 1992 - November 1993--Continued

Day	Daily minimum and maximum tidal-water level											
	April 1993		May 1993		June 1993		July 1993		August 1993		September 1993	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
					01408719 Toms River near Toms River							
1	1.45	2.49	1.50	2.05	1.15	2.07	0.96	1.76	1.32	2.01	1.31	2.20
2	1.55	2.50	1.11	1.78	1.39	2.04	1.18	2.08	1.42	2.18	1.57	2.24
3	1.37	2.34	0.92	1.62	1.29	1.96	1.34	2.08	1.37	2.15	1.74	2.28
4	0.99	1.73	0.96	1.74	1.05	1.94	1.29	2.04	0.82	1.92	1.23	2.20
5	1.08	2.07	1.12	1.99	1.22	1.96	1.18	1.98	1.06	1.68	1.17	1.91
6	1.17	1.91	0.97	2.02	0.97	2.02	1.43	1.99	1.14	1.76	1.23	1.99
7	1.22	2.14	1.00	1.86	1.12	1.82	1.35	2.06	1.34	2.00	1.24	1.91
8	1.32	2.17	1.14	1.80	1.15	1.83	1.19	1.86	1.32	2.13	1.07	1.77
9	1.27	2.16	1.10	1.87	1.21	1.85	1.21	1.93	1.07	1.67	1.22	2.20
10	1.77	2.37	1.01	1.61	1.00	1.83	1.21	1.86	0.93	1.54	1.32	2.02
11	1.37	2.50	1.18	1.86	0.85	1.64	1.19	1.87	0.96	1.63	0.78	1.50
12	1.15	2.10	1.10	1.81	0.91	1.53	1.15	1.76	1.10	1.88	0.94	1.67
13	1.24	2.00	1.44	2.20	0.99	1.53	1.18	1.86	1.31	2.03	1.13	1.74
14	1.53	2.19	1.39	2.02	0.97	1.57	1.14	1.88	1.28	2.06	1.04	1.81
15	1.52	2.25	1.53	2.47	1.15	1.97	0.70	1.54	1.31	2.12	1.22	1.81
16	1.95	2.96	1.48	2.09	0.86	1.65	0.86	1.68	1.49	2.20	0.92	1.66
17	1.65	2.81	1.15	1.85	0.78	1.55	0.93	1.86	1.68	2.43	1.19	2.21
18	0.92	1.79	1.13	1.68	0.99	1.65	1.23	2.05	1.44	2.27	1.50	2.29
19	1.12	2.00	1.29	2.11	0.69	1.50	1.51	2.41	1.64	2.38	1.40	2.10
20	1.48	2.19	1.41	2.24	0.86	1.65	1.44	2.37	1.78	2.57	1.18	2.01
21	1.43	2.12	1.59	2.25	1.11	1.95	1.27	2.24	1.51	2.33	1.35	2.05
22	1.12	2.09	1.15	2.22	1.12	2.06	1.29	2.04	1.38	2.15	1.19	1.96
23	0.43	1.68	1.18	1.92	0.90	1.61	1.16	1.89	1.40	2.22	1.38	2.20
24	0.72	1.45	1.31	1.95	1.02	1.70	1.14	1.83	1.42	2.13	0.98	1.79
25	1.20	1.92	1.13	2.04	1.19	1.89	1.11	1.76	1.05	1.79	1.20	1.87
26	0.90	2.04	0.86	1.60	1.31	2.01	1.32	1.99	0.91	1.63	1.39	2.20
27	0.45	1.37	0.73	1.49	0.94	1.74	1.53	2.18	1.09	1.86	1.54	2.26
28	1.34	2.01	0.90	1.48	1.15	2.01	1.14	2.01	1.28	1.85	1.12	1.96
29	1.52	2.13	0.78	1.66	1.04	1.78	1.30	2.00	1.04	1.77	0.82	1.38
30	1.48	2.14	0.73	1.53	0.98	1.77	1.06	1.98	1.22	1.97	0.82	1.57
31	NA	NA	1.00	2.34	NA	NA	1.31	1.98	1.37	1.99	NA	NA

Appendix 13. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J. --Daily minimum and maximum tidal-water level, October 1992 - November 1993--Continued

Day	Daily minimum and maximum tidal-water level			
	October 1993		November 1993	
	Min	Max	Min	Max
	001408719 Toms River near Toms River			
1	1.02	1.81	1.05	2.62
2	1.16	1.86	0.38	1.05
3	1.03	1.73	0.55	1.38
4	0.89	1.46	0.75	1.53
5	0.47	1.20	1.07	1.86
6	0.61	1.33	1.06	1.78
7	0.55	1.23	0.79	1.44
8	0.45	1.03	0.74	1.32
9	0.57	1.92	0.66	1.19
10	0.79	1.44	0.61	1.34
11	0.82	1.83	0.79	1.72
12	1.37	2.42	0.97	1.70
13	1.40	2.23	0.81	1.66
14	1.14	1.89	1.01	1.86
15	1.19	2.02	1.08	1.67
16	1.17	2.02	0.75	1.50
17	1.20	2.15	0.87	1.71
18	1.23	2.08	0.70	1.56
19	1.06	1.89	1.06	1.94
20	1.23	2.13	0.70	2.00
21	1.59	2.62	0.31	0.82
22	0.62	1.67	0.13	0.60
23	0.38	0.94	0.07	0.81
24	0.51	1.35	0.43	1.30
25	0.59	1.02	0.64	1.36
26	0.72	1.86	0.88	1.50
27	1.46	2.69	0.80	2.27
28	1.87	2.52	2.10	3.50
29	1.58	2.12	1.31	2.29
30	1.13	2.07	NA	NA
31	1.36	2.66	NA	NA

Appendix 14. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Daily minimum and maximum temperature from measurements by fixed monitors, October 1992 - January 1994

[Values of temperature are presented for the stations and periods listed below. Values are in degrees Celsius and rounded to the nearest 0.5 degree. USGS, U.S. Geological Survey; Min, daily minimum; Max, daily maximum; NA, not available or not applicable]

Index number (fig. 3)	USGS station number	USGS station name	Period of operation	Location in cross section	Approximate depth of measurement, in feet
21	01408700	Toms River at Toms River	October 1992 - January 1994	Mid-depth	3
22	01408719	Toms River at Cedar Point at South Toms River	December 1992 - October 1993	In channel near surface, and	1
				in channel near bottom	6

Appendix 14. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Daily minimum and maximum temperature from measurements by fixed monitors, October 1992 - January 1994--Continued

Day	Daily minimum and maximum temperature											
	October 1992		November 1992		December 1992		January 1993		February 1993		March 1993	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
					01408700 Toms River at Toms River, mid-depth							
1	NA	NA	10.0	12.0	6.5	8.5	6.5	9.0	2.0	5.0	1.0	4.0
2	NA	NA	10.0	11.0	6.5	10.0	4.5	6.5	1.0	2.0	1.0	5.5
3	13.0	15.5	10.5	12.5	6.0	9.5	3.5	5.0	0.5	2.5	1.5	6.0
4	14.0	15.5	11.5	13.0	5.5	7.0	5.0	7.5	NA	NA	4.5	5.5
5	13.5	16.0	12.0	13.0	4.5	6.5	7.5	10.0	1.5	4.5	3.5	4.5
6	NA	NA	10.0	12.0	4.0	4.5	8.0	9.0	2.0	4.0	3.0	4.0
7	NA	NA	8.5	10.5	4.5	5.0	6.5	8.0	1.0	2.0	2.5	5.0
8	NA	NA	7.5	9.5	4.0	4.5	6.5	7.0	2.0	4.5	4.0	6.0
9	NA	NA	6.5	9.0	3.0	4.0	4.5	6.5	2.0	4.5	5.0	6.5
10	NA	NA	6.5	10.0	2.5	4.5	3.0	4.5	2.5	5.5	4.5	5.5
11	NA	NA	7.0	11.0	4.5	7.0	3.0	4.0	2.0	6.0	4.5	6.5
12	NA	NA	9.5	12.0	4.5	7.0	4.0	5.0	3.0	5.0	4.0	6.5
13	NA	NA	11.0	12.5	5.0	5.5	5.0	6.0	3.0	4.0	1.5	5.5
14	NA	NA	8.5	11.0	4.5	5.0	4.5	6.0	3.5	4.5	0.5	2.0
15	NA	NA	6.5	10.0	3.5	4.5	4.5	5.5	2.5	4.5	0.0	3.0
16	NA	NA	5.5	8.5	3.5	5.0	4.5	5.5	3.0	4.5	1.0	4.0
17	13.0	17.5	5.5	9.5	5.0	7.0	4.5	5.5	4.0	5.5	3.0	5.0
18	11.5	15.5	7.0	8.5	6.0	7.0	4.0	5.0	2.5	5.0	2.5	4.5
19	10.0	16.0	7.5	8.5	5.0	6.0	3.0	4.5	1.0	2.5	1.5	4.0
20	9.5	15.0	6.5	9.0	6.0	6.5	2.5	4.0	0.5	2.0	2.0	4.0
21	9.5	13.5	7.0	9.5	4.0	6.0	2.5	4.5	1.0	1.5	3.5	5.5
22	10.5	12.5	8.0	11.5	4.0	5.0	4.5	6.5	1.5	3.5	4.0	7.0
23	10.0	13.5	8.5	14.0	4.0	5.0	5.5	7.0	2.0	4.0	5.0	6.5
24	10.0	13.5	10.0	12.0	3.0	4.5	5.0	7.0	2.0	3.5	5.5	6.5
25	11.5	13.5	10.0	11.5	2.0	3.0	5.0	6.5	1.0	3.0	6.0	7.5
26	9.0	12.5	11.0	12.5	2.5	3.0	4.0	5.0	1.5	3.0	7.0	9.5
27	9.5	12.0	10.5	12.0	2.0	2.5	4.0	5.5	2.0	3.5	8.0	9.0
28	8.5	11.5	9.5	11.0	2.5	4.0	3.5	5.0	1.5	4.5	8.5	9.5
29	9.0	12.0	8.5	10.0	4.0	5.5	3.5	5.5	NA	NA	9.0	10.0
30	11.0	12.5	7.0	9.0	5.5	7.0	2.5	4.0	NA	NA	9.5	10.0
31	10.5	12.0	NA	NA	6.0	9.0	3.5	5.0	NA	NA	9.5	12.5

Appendix 14. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Daily minimum and maximum temperature from measurements by fixed monitors, October 1992 - January 1994--Continued

Day	Daily minimum and maximum temperature											
	April 1993		May 1993		June 1993		July 1993		August 1993		September 1993	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
						01408700 Toms River at Toms River, mid-depth						
1	10.5	11.5	14.0	18.5	16.5	20.5	21.0	25.5	21.0	27.0	22.0	28.0
2	9.0	10.5	15.0	19.0	15.5	18.5	20.5	22.5	21.5	27.5	22.5	28.0
3	8.0	9.0	15.5	18.0	16.0	20.0	20.0	25.0	22.5	27.5	21.5	27.5
4	7.5	9.0	15.0	17.0	16.0	20.0	21.5	26.0	22.5	27.5	22.5	27.0
5	NA	NA	15.5	18.5	15.5	19.0	22.5	27.0	21.5	27.5	21.0	27.0
6	7.5	9.5	16.5	20.0	15.0	19.0	22.5	27.5	20.0	27.5	20.5	27.0
7	7.5	11.5	17.0	20.0	15.0	19.0	23.0	28.0	19.5	23.0	20.0	27.0
8	8.0	12.0	16.0	20.0	16.5	20.5	24.0	28.5	19.0	24.0	20.0	25.0
9	9.5	12.5	16.0	21.0	17.5	22.5	24.5	28.5	19.0	22.0	19.5	26.5
10	11.0	12.5	17.5	21.0	20.0	24.0	25.0	28.5	19.0	22.0	20.0	26.5
11	11.5	14.0	17.0	22.0	21.0	23.5	25.0	29.0	19.0	22.5	18.5	24.0
12	11.0	14.0	19.0	22.5	20.0	22.5	24.0	29.5	19.0	25.0	16.5	22.0
13	11.0	15.0	17.5	20.0	18.5	22.0	24.0	29.5	20.0	25.5	17.0	23.0
14	11.5	14.0	16.0	19.5	18.0	22.0	23.5	29.5	20.0	26.5	18.5	24.0
15	12.0	14.5	15.5	20.0	18.5	22.0	22.5	28.5	21.0	27.0	19.0	23.0
16	13.0	14.5	17.0	20.0	19.0	22.5	21.0	28.5	22.0	27.5	19.0	23.5
17	14.0	16.0	17.5	20.5	19.0	23.0	20.5	27.5	21.0	24.0	18.5	22.5
18	12.5	15.5	15.0	17.5	19.5	24.5	20.5	27.5	21.0	21.5	18.0	21.5
19	12.0	16.5	14.5	15.0	21.0	25.5	20.0	27.0	20.5	22.5	17.0	21.0
20	13.0	17.0	14.0	15.0	21.5	25.0	20.0	22.5	21.0	22.0	15.5	20.5
21	14.5	18.0	13.0	16.5	21.0	26.0	21.0	22.5	21.0	22.5	15.5	17.0
22	12.5	16.0	13.5	17.5	21.5	26.0	20.0	23.0	20.5	22.5	15.5	19.5
23	10.5	12.5	14.0	18.5	20.0	25.5	20.0	23.0	20.0	23.5	15.5	20.0
24	10.0	14.5	15.5	20.0	19.0	25.5	20.5	24.0	20.0	24.0	16.5	19.0
25	11.5	17.0	17.5	21.0	19.0	25.5	20.5	25.0	20.5	25.5	16.0	18.5
26	14.5	17.5	18.0	20.5	20.0	25.5	21.0	25.0	21.5	24.0	16.0	19.0
27	NA	NA	16.5	20.0	21.5	26.0	21.0	26.5	22.0	27.0	18.5	19.0
28	12.0	16.5	16.5	21.0	20.5	26.5	21.5	26.0	22.5	27.0	17.0	18.5
29	12.2	16.5	18.5	21.0	21.5	26.0	22.5	26.0	22.5	26.5	15.0	17.0
30	12.8	17.4	16.0	20.0	21.0	26.0	23.0	26.5	21.5	27.5	13.0	15.0
31	NA	NA	16.0	18.0	NA	NA	21.5	27.0	21.0	27.5	NA	NA

Appendix 14. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Daily minimum and maximum temperature from measurements by fixed monitors, October 1992 - January 1994--Continued

Day	Daily minimum and maximum temperature							
	October 1993		November 1993		December 1993		January 1994	
	Min	Max	Min	Max	Min	Max	Min	Max
	01408700 Toms River at Toms River, mid-depth							
1	12.0	14.0	9.0	11.0	5.5	6.5	1.0	3.0
2	12.5	15.0	8.0	9.0	6.0	7.5	3.0	4.0
3	14.0	16.0	7.5	8.0	7.0	8.5	3.0	3.5
4	13.0	16.0	7.0	8.5	7.5	9.0	2.0	3.5
5	13.5	15.0	8.0	10.0	8.5	9.5	1.5	3.0
6	12.0	14.0	10.0	10.5	7.5	9.0	1.0	2.0
7	12.0	14.5	8.0	10.0	7.0	7.5	2.0	2.0
8	14.0	15.5	7.0	8.0	6.5	7.5	1.0	3.0
9	14.5	17.5	6.0	7.5	5.5	6.5	0.5	1.0
10	13.0	17.0	6.0	7.5	5.5	7.5	0.0	1.0
11	12.0	16.0	6.0	8.5	5.5	8.5	0.5	2.0
12	12.0	15.0	7.0	9.0	3.5	5.5	1.5	2.5
13	12.0	13.0	8.0	9.5	3.0	5.0	2.0	3.5
14	11.5	12.0	9.5	12.0	3.5	5.0	1.0	3.5
15	11.5	12.5	11.5	14.5	4.5	6.5	0.0	2.5
16	11.5	13.0	11.5	13.5	5.0	6.5	0.0	0.5
17	12.0	15.0	10.5	12.0	5.0	5.5	0.0	1.5
18	13.5	15.5	10.5	12.0	4.0	5.5	0.0	1.5
19	13.0	15.0	10.0	11.5	5.0	6.0	0.0	0.5
20	13.5	14.0	8.5	11.5	4.5	6.0	0.0	0.5
21	14.0	16.5	7.5	8.5	5.5	7.0	0.0	0.5
22	13.5	15.5	6.5	8.0	4.5	6.0	0.0	1.0
23	12.0	13.5	6.5	8.0	3.5	4.5	0.5	1.5
24	11.0	12.0	7.5	9.0	2.5	3.5	1.5	2.5
25	10.5	12.0	6.5	9.0	2.5	3.0	2.0	3.0
26	11.5	12.0	5.5	8.0	1.0	2.5	1.0	2.5
27	12.0	14.0	5.5	8.5	0.5	1.0	0.5	1.5
28	12.0	13.5	8.5	11.0	1.0	1.5	1.5	3.5
29	10.5	14.0	8.0	10.5	1.0	1.5	1.5	3.0
30	11.5	14.5	6.5	8.0	1.0	1.5	0.5	1.5
31	11.0	11.5	NA	NA	0.5	1.5	0.5	1.5

Appendix 14. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Daily minimum and maximum temperature from measurements by fixed monitors, October 1992 - January 1994--Continued

Day	Daily minimum and maximum temperature											
	October 1992		November 1992		December 1992		January 1993		February 1993		March 1993	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
	01408719 Toms River at Cedar Point at South Toms River, in channel, near surface											
1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.0	3.0
2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.0	4.0
3	NA	NA	NA	NA	NA	NA	NA	NA	0.0	2.0	2.5	6.0
4	NA	NA	NA	NA	NA	NA	4.5	7.5	0.5	2.5	4.5	5.5
5	NA	NA	NA	NA	NA	NA	7.5	9.5	1.5	3.5	3.5	4.5
6	NA	NA	NA	NA	NA	NA	7.0	8.5	1.5	3.5	3.0	4.0
7	NA	NA	NA	NA	NA	NA	7.0	8.0	0.5	2.0	2.5	5.0
8	NA	NA	NA	NA	NA	NA	6.5	7.5	1.5	3.5	4.0	6.5
9	NA	NA	NA	NA	NA	NA	4.5	6.5	1.5	4.0	4.5	5.5
10	NA	NA	NA	NA	NA	NA	3.0	4.5	2.5	4.5	4.5	5.5
11	NA	NA	NA	NA	NA	NA	3.0	4.0	2.5	5.0	4.5	6.0
12	NA	NA	NA	NA	NA	NA	4.0	5.0	3.0	4.5	4.0	6.5
13	NA	NA	NA	NA	NA	NA	5.0	6.0	2.5	3.0	2.0	5.5
14	NA	NA	NA	NA	NA	NA	4.0	6.0	2.5	4.0	0.5	2.5
15	NA	NA	NA	NA	NA	NA	4.5	5.5	2.0	4.5	NA	NA
16	NA	NA	NA	NA	NA	NA	4.5	5.5	2.5	4.5	NA	NA
17	NA	NA	NA	NA	NA	NA	4.5	5.0	3.5	5.0	NA	NA
18	NA	NA	NA	NA	NA	NA	3.5	5.0	2.5	5.0	NA	NA
19	NA	NA	NA	NA	NA	NA	2.5	4.5	0.5	2.5	NA	NA
20	NA	NA	NA	NA	NA	NA	NA	NA	0.5	2.0	2.5	4.5
21	NA	NA	NA	NA	NA	NA	NA	NA	1.0	2.0	3.5	5.5
22	NA	NA	NA	NA	3.5	5.5	4.0	5.5	1.0	3.0	3.5	6.5
23	NA	NA	NA	NA	4.0	5.5	4.5	6.0	1.5	2.5	4.5	6.5
24	NA	NA	NA	NA	NA	NA	4.5	7.0	1.0	3.0	5.5	6.5
25	NA	NA	NA	NA	NA	NA	4.5	6.0	NA	NA	5.5	7.5
26	NA	NA	NA	NA	NA	NA	3.5	5.0	1.0	2.5	6.5	9.5
27	NA	NA	NA	NA	NA	NA	4.0	5.0	1.5	3.0	7.5	9.0
28	NA	NA	NA	NA	2.0	4.0	3.5	5.0	1.0	3.0	8.5	9.5
29	NA	NA	NA	NA	3.5	5.5	NA	NA	NA	NA	9.0	9.5
30	NA	NA	NA	NA	4.5	6.5	NA	NA	NA	NA	9.0	10.0
31	NA	NA	NA	NA	4.0	7.0	NA	NA	NA	NA	9.0	13.0

Appendix 14. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Daily minimum and maximum temperature from measurements by fixed monitors, October 1992 - January 1994--Continued

Day	Daily minimum and maximum temperature											
	April 1993		May 1993		June 1993		July 1993		August 1993		September 1993	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
	01408719 Toms River at Cedar Point at South Toms River, in channel, near surface											
1	10.5	11.5	14.5	19.0	17.0	20.5	23.5	27.0	24.0	28.0	25.0	29.0
2	9.0	10.5	15.5	18.5	17.0	21.5	21.5	26.0	25.0	28.5	23.5	29.0
3	8.0	9.5	16.0	17.5	17.0	21.0	21.0	26.0	25.5	29.0	23.0	28.0
4	7.5	9.0	15.5	17.5	18.0	20.5	23.0	27.5	24.5	28.5	25.0	28.0
5	7.0	9.5	15.5	18.0	16.5	20.5	24.5	29.0	24.0	27.5	23.0	27.5
6	8.0	9.5	16.5	19.5	17.0	19.5	24.5	30.0	21.0	27.0	23.5	28.5
7	7.5	11.0	17.0	20.0	17.0	20.0	25.5	30.5	20.0	24.0	24.0	27.5
8	8.5	12.0	16.5	19.5	17.5	22.0	26.0	31.0	21.0	24.0	22.0	27.5
9	9.5	12.5	16.5	22.5	19.0	23.0	27.5	30.0	21.5	25.0	22.5	26.5
10	11.0	12.0	18.5	21.5	21.0	23.0	27.5	30.0	20.5	26.5	22.5	25.5
11	11.0	12.5	18.0	21.5	21.5	24.5	27.5	30.5	21.5	27.0	20.5	23.0
12	10.5	13.5	20.0	22.0	21.0	24.5	27.5	30.5	22.5	27.5	18.5	22.5
13	10.5	15.0	18.5	21.5	20.0	25.0	27.5	31.0	24.0	27.5	19.0	23.0
14	12.0	14.0	17.5	20.5	20.0	27.0	26.0	31.0	23.5	28.0	20.0	24.0
15	12.0	14.0	17.5	21.0	20.5	25.0	25.5	28.5	23.5	28.0	21.0	24.5
16	13.0	14.5	18.5	22.5	21.5	27.0	24.0	28.0	25.0	28.0	20.0	24.0
17	13.5	15.5	18.5	22.0	21.5	25.5	23.5	27.0	21.5	27.5	19.5	21.5
18	12.0	15.0	15.5	21.0	21.5	28.0	23.5	28.0	21.5	24.0	19.0	21.0
19	12.0	16.0	15.0	16.5	23.0	26.5	21.5	27.5	21.0	24.5	18.5	21.5
20	13.0	16.5	14.5	18.5	23.5	26.0	21.5	25.5	21.5	25.0	17.0	21.0
21	14.5	18.0	15.0	19.0	21.5	26.0	22.5	25.5	22.0	25.0	16.5	19.5
22	13.0	16.5	15.0	19.0	24.0	26.5	21.5	25.0	21.5	25.0	17.0	20.0
23	11.0	13.0	15.0	19.0	22.5	25.5	21.5	25.5	22.5	26.5	17.5	20.0
24	10.0	14.5	16.5	20.0	21.5	26.0	22.5	27.0	22.0	26.0	17.5	20.5
25	12.0	16.5	NA	NA	22.0	27.0	23.0	28.0	22.5	28.5	17.0	20.5
26	14.5	17.5	NA	NA	22.5	27.5	21.5	24.5	24.0	29.5	17.0	20.5
27	13.0	16.0	17.5	21.0	23.0	27.5	21.5	26.0	25.0	28.0	19.0	20.5
28	13.0	16.0	18.0	22.0	24.0	27.5	24.0	28.0	24.5	27.5	17.5	19.5
29	13.0	16.0	19.0	21.5	24.5	27.5	25.0	27.5	24.5	28.0	16.0	18.0
30	13.0	17.5	18.0	21.5	23.5	27.0	25.0	26.5	24.5	29.0	14.5	17.0
31	NA	NA	18.0	20.5	NA	NA	24.0	27.5	25.5	29.5	NA	NA

Appendix 14. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Daily minimum and maximum temperature from measurements by fixed monitors, October 1992 - January 1994--Continued

Day	Daily minimum and maximum temperature							
	October 1993		November 1993		December 1993		January 1993	
	Min	Max	Min	Max	Min	Max	Min	Max
	01408719 Toms River at Cedar Point at South Toms River, in channel, near surface							
1	13.0	17.5	NA	NA	NA	NA	NA	NA
2	13.5	18.0	NA	NA	NA	NA	NA	NA
3	15.0	18.5	NA	NA	NA	NA	NA	NA
4	14.5	18.0	NA	NA	NA	NA	NA	NA
5	14.5	17.5	NA	NA	NA	NA	NA	NA
6	13.0	17.0	NA	NA	NA	NA	NA	NA
7	13.5	17.5	NA	NA	NA	NA	NA	NA
8	15.0	17.5	NA	NA	NA	NA	NA	NA
9	15.5	18.5	NA	NA	NA	NA	NA	NA
10	14.5	17.5	NA	NA	NA	NA	NA	NA
11	12.5	16.0	NA	NA	NA	NA	NA	NA
12	12.0	14.5	NA	NA	NA	NA	NA	NA
13	13.0	14.5	NA	NA	NA	NA	NA	NA
14	11.5	13.5	NA	NA	NA	NA	NA	NA
15	12.0	14.5	NA	NA	NA	NA	NA	NA
16	12.0	15.0	NA	NA	NA	NA	NA	NA
17	13.0	15.5	NA	NA	NA	NA	NA	NA
18	14.0	16.0	NA	NA	NA	NA	NA	NA
19	13.5	15.5	NA	NA	NA	NA	NA	NA
20	14.0	14.5	NA	NA	NA	NA	NA	NA
21	14.5	17.0	NA	NA	NA	NA	NA	NA
22	13.5	15.5	NA	NA	NA	NA	NA	NA
23	12.0	14.5	NA	NA	NA	NA	NA	NA
24	11.5	14.0	NA	NA	NA	NA	NA	NA
25	11.5	14.0	NA	NA	NA	NA	NA	NA
26	12.0	13.0	NA	NA	NA	NA	NA	NA
27	12.0	14.0	NA	NA	NA	NA	NA	NA
28	NA	NA	NA	NA	NA	NA	NA	NA
29	NA	NA	NA	NA	NA	NA	NA	NA
30	NA	NA	NA	NA	NA	NA	NA	NA
31	NA	NA	NA	NA	NA	NA	NA	NA

Appendix 14. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Daily minimum and maximum temperature from measurements by fixed monitors, October 1992 - January 1994--Continued

Day	Daily minimum and maximum temperature											
	October 1992		November 1992		December 1992		January 1993		February 1993		March 1993	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
	01408719 Toms River at Cedar Point at South Toms River, in channel, near bottom											
1	NA	NA	NA	NA	NA	NA	2.5	4.0	2.0	4.0	0.5	1.5
2	NA	NA	NA	NA	NA	NA	4.0	4.5	0.0	2.0	0.5	1.0
3	NA	NA	NA	NA	NA	NA	4.0	4.5	0.0	1.0	1.0	2.0
4	NA	NA	NA	NA	NA	NA	3.0	4.5	0.0	1.0	2.0	4.0
5	NA	NA	NA	NA	NA	NA	4.5	6.0	1.0	1.5	3.0	4.0
6	NA	NA	NA	NA	NA	NA	5.5	6.0	1.0	2.0	2.5	3.0
7	NA	NA	NA	NA	NA	NA	6.0	6.5	1.5	2.0	2.5	3.0
8	NA	NA	NA	NA	NA	NA	6.5	7.0	1.5	3.0	3.0	3.5
9	NA	NA	NA	NA	NA	NA	6.0	7.0	0.5	2.0	3.5	4.5
10	NA	NA	NA	NA	NA	NA	5.5	6.5	1.5	1.5	4.0	4.5
11	NA	NA	NA	NA	NA	NA	4.5	6.0	1.5	4.0	4.5	6.0
12	NA	NA	NA	NA	NA	NA	5.0	5.5	2.5	4.0	5.0	5.5
13	NA	NA	NA	NA	NA	NA	4.5	5.5	2.0	2.5	2.5	6.0
14	NA	NA	NA	NA	NA	NA	3.5	4.5	2.0	3.0	1.5	3.0
15	NA	NA	NA	NA	NA	NA	3.5	4.0	2.5	3.0	1.0	2.0
16	NA	NA	NA	NA	NA	NA	4.0	4.5	3.0	3.5	1.5	2.5
17	NA	NA	NA	NA	NA	NA	4.5	4.5	3.0	4.0	2.0	2.5
18	NA	NA	NA	NA	NA	NA	4.5	4.5	4.0	4.0	2.0	3.0
19	NA	NA	NA	NA	NA	NA	4.5	5.0	3.5	4.0	3.0	3.5
20	NA	NA	NA	NA	NA	NA	4.5	5.0	2.0	4.0	3.0	4.0
21	NA	NA	NA	NA	NA	NA	4.5	5.0	2.0	3.0	3.0	3.5
22	NA	NA	NA	NA	6.0	7.0	4.0	4.5	1.5	2.5	2.5	3.0
23	NA	NA	NA	NA	6.0	6.5	3.5	4.0	1.0	2.0	3.0	5.0
24	NA	NA	NA	NA	4.0	6.5	4.0	5.5	1.5	2.0	4.0	5.5
25	NA	NA	NA	NA	3.5	4.5	5.0	5.5	0.5	2.5	4.5	5.0
26	NA	NA	NA	NA	3.5	4.5	5.0	5.5	1.0	1.5	4.0	5.5
27	NA	NA	NA	NA	3.5	4.5	4.5	5.5	1.5	2.5	5.0	7.5
28	NA	NA	NA	NA	3.0	5.0	4.5	5.0	1.0	2.0	6.0	8.5
29	NA	NA	NA	NA	2.0	4.5	4.0	5.0	NA	NA	6.5	8.0
30	NA	NA	NA	NA	1.5	2.5	3.0	4.5	NA	NA	6.5	7.0
31	NA	NA	NA	NA	2.0	2.5	3.0	4.5	NA	NA	6.5	8.0

Appendix 14. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Daily minimum and maximum temperature from measurements by fixed monitors, October 1992 - January 1994--Continued

Day	Daily minimum and maximum temperature											
	April 1993		May 1993		June 1993		July 1993		August 1993		September 1993	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
	01408719 Toms River at Cedar Point at South Toms River, in channel, near bottom											
1	7.5	11.0	13.5	14.5	20.0	20.5	26.0	27.0	26.0	27.5	28.0	29.0
2	9.0	10.5	14.0	16.5	20.0	21.0	25.0	27.0	27.0	28.0	27.5	28.5
3	8.5	9.5	15.5	17.0	20.5	20.5	25.0	25.5	27.5	28.0	27.0	27.5
4	8.0	9.0	16.0	17.5	20.5	20.5	25.0	27.0	27.5	27.5	27.0	27.0
5	8.5	8.5	16.5	17.0	19.5	20.5	26.5	28.0	27.5	27.5	27.0	27.0
6	8.5	9.0	16.5	17.5	19.5	19.5	27.5	28.0	25.5	27.5	27.0	27.5
7	8.5	10.0	17.0	18.5	19.0	19.5	28.0	28.5	24.0	26.0	27.5	27.5
8	8.0	10.0	17.0	18.5	19.0	20.0	27.5	28.0	24.0	24.5	27.0	27.5
9	8.5	11.0	17.5	19.5	19.5	20.5	28.0	28.5	24.5	25.0	26.5	27.0
10	11.0	12.0	18.5	19.5	20.5	23.0	28.0	29.5	24.5	26.0	25.0	27.0
11	9.0	11.0	18.5	20.0	22.5	24.0	29.0	30.0	25.0	26.5	24.0	25.5
12	10.5	11.5	19.5	20.5	23.0	24.0	29.5	30.0	26.0	27.0	23.5	26.0
13	10.5	12.0	20.5	21.0	23.5	25.0	29.5	30.5	26.0	26.5	22.5	23.5
14	11.5	12.0	20.0	21.0	24.5	26.0	30.0	30.5	26.0	26.5	22.5	23.5
15	11.5	13.0	20.0	21.5	24.5	25.5	29.5	30.0	26.5	27.5	22.5	23.0
16	12.0	14.0	20.5	22.0	24.5	25.0	28.0	29.5	27.5	28.0	23.0	23.5
17	13.0	14.0	21.0	21.5	25.0	26.0	27.5	28.0	26.0	27.5	21.5	23.0
18	13.0	14.0	20.5	21.5	25.5	27.5	27.0	28.0	25.0	26.0	21.0	22.0
19	12.5	14.0	20.0	21.0	25.0	27.0	26.0	27.5	25.0	25.5	20.5	21.5
20	13.5	14.0	19.5	20.0	25.5	26.0	25.0	26.0	25.0	25.5	20.5	21.5
21	13.5	14.5	18.0	20.0	26.0	26.0	25.0	25.0	25.0	25.5	20.5	21.5
22	14.0	15.0	17.5	20.0	26.0	26.0	25.0	25.5	25.0	25.5	19.5	21.0
23	11.0	14.0	17.5	18.5	25.5	26.0	25.0	25.5	25.0	25.5	19.5	19.5
24	11.0	12.5	18.5	19.0	25.0	25.5	25.0	26.0	25.5	26.0	19.5	20.0
25	12.0	13.5	NA	NA	25.0	26.0	25.5	27.0	25.5	26.0	20.0	20.5
26	12.0	13.5	NA	NA	25.0	27.0	26.0	27.0	26.0	26.5	20.5	20.5
27	12.5	14.5	19.5	20.5	26.0	26.5	25.5	26.0	26.0	27.5	20.5	20.5
28	13.0	14.0	20.0	21.5	25.5	26.5	25.0	25.5	26.5	27.5	20.5	20.5
29	13.0	14.5	21.0	22.0	25.5	26.0	25.0	25.5	27.0	28.0	20.0	21.5
30	13.5	14.5	20.0	21.5	26.0	26.5	25.5	26.0	27.5	28.5	19.5	20.5
31	NA	NA	20.5	21.5	NA	NA	26.0	26.5	27.5	28.5	NA	NA

Appendix 14. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Daily minimum and maximum temperature from measurements by fixed monitors, October 1992 - January 1994--Continued

Day	Daily minimum and maximum temperature							
	October 1993		November 1993		December 1993		January 1994	
	Min	Max	Min	Max	Min	Max	Min	Max
1	18.5	20.0	NA	NA	NA	NA	NA	NA
2	18.5	20.0	NA	NA	NA	NA	NA	NA
3	18.5	19.5	NA	NA	NA	NA	NA	NA
4	17.5	19.0	NA	NA	NA	NA	NA	NA
5	17.0	18.0	NA	NA	NA	NA	NA	NA
6	17.0	18.5	NA	NA	NA	NA	NA	NA
7	17.0	18.0	NA	NA	NA	NA	NA	NA
8	16.5	17.0	NA	NA	NA	NA	NA	NA
9	17.0	17.5	NA	NA	NA	NA	NA	NA
10	17.5	18.0	NA	NA	NA	NA	NA	NA
11	16.5	18.0	NA	NA	NA	NA	NA	NA
12	14.5	17.5	NA	NA	NA	NA	NA	NA
13	14.5	15.0	NA	NA	NA	NA	NA	NA
14	14.0	15.0	NA	NA	NA	NA	NA	NA
15	14.5	15.0	NA	NA	NA	NA	NA	NA
16	14.0	15.0	NA	NA	NA	NA	NA	NA
17	14.5	15.0	NA	NA	NA	NA	NA	NA
18	14.5	15.0	NA	NA	NA	NA	NA	NA
19	15.0	15.5	NA	NA	NA	NA	NA	NA
20	15.5	15.5	NA	NA	NA	NA	NA	NA
21	15.0	15.5	NA	NA	NA	NA	NA	NA
22	15.5	16.5	NA	NA	NA	NA	NA	NA
23	15.5	16.5	NA	NA	NA	NA	NA	NA
24	15.0	16.0	NA	NA	NA	NA	NA	NA
25	15.0	16.0	NA	NA	NA	NA	NA	NA
26	15.0	16.0	NA	NA	NA	NA	NA	NA
27	13.0	15.5	NA	NA	NA	NA	NA	NA
28	NA	NA	NA	NA	NA	NA	NA	NA
29	NA	NA	NA	NA	NA	NA	NA	NA
30	NA	NA	NA	NA	NA	NA	NA	NA
31	NA	NA	NA	NA	NA	NA	NA	NA

Appendix 15. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Daily minimum and maximum specific conductance from measurements by fixed monitors, October 1992 - January 1994

[Values of specific conductance are presented for the stations and periods listed below. Values are in microsiemens per centimeter at 25 degrees Celsius and rounded to the nearest hundred. Min, daily minimum; Max, daily maximum; NA, not available or not applicable]

Index number (fig. 3)	USGS station number	USGS station name	Period of operation	Location in cross section	Approximate depth of measurement, in feet
21	01408700	Toms River at Toms River	October 1992 - January 1994	Mid-depth	3
22	01408719	Toms River at Cedar Point at South Toms River	December 1992 - October 1993	In channel near surface, and in channel near bottom	1 6

Appendix 15. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Daily minimum and maximum specific conductance from measurements by fixed monitors, October 1992 - January 1994--Continued

Day	Daily minimum and maximum specific conductance											
	October 1992		November 1992		December 1992		January 1993		February 1993		March 1993	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
					01408700 Toms River at Toms River, mid-depth							
1	NA	NA	600	19,800	100	10,400	100	2,700	100	8,300	100	16,300
2	NA	NA	100	9,600	500	18,600	100	100	100	4,800	100	16,900
3	100	11,200	100	16,600	100	18,800	100	200	100	9,700	100	17,400
4	100	5,900	100	17,000	200	12,400	100	2,200	NA	NA	100	100
5	100	13,500	100	12,300	100	3,000	100	4,900	100	15,900	100	100
6	NA	NA	100	11,100	100	200	100	800	100	14,900	100	400
7	NA	NA	100	7,000	100	600	100	7,200	100	14,800	100	100
8	NA	NA	100	14,100	100	5,700	100	9,900	100	15,800	100	100
9	NA	NA	100	13,600	100	13,300	100	100	100	16,300	100	100
10	NA	NA	100	18,800	100	10,700	100	100	100	16,400	100	100
11	NA	NA	100	18,600	100	13,700	100	1,000	100	17,000	100	100
12	NA	NA	100	17,300	100	13,700	100	5,900	100	2,600	100	100
13	NA	NA	100	18,200	100	7,200	100	2,300	100	10,600	100	100
14	NA	NA	100	13,900	100	100	100	16,300	100	2,300	100	100
15	NA	NA	100	16,400	100	100	100	16,600	100	100	100	100
16	NA	NA	100	13,300	100	100	100	6,400	100	100	100	100
17	500	21,300	300	16,800	100	4,100	100	17,700	100	100	100	100
18	300	17,800	100	10,100	100	100	100	12,200	100	100	100	100
19	500	19,500	100	11,800	100	100	100	700	100	100	100	100
20	700	18,400	100	16,100	100	1,800	100	600	100	100	100	100
21	500	20,100	100	5,200	100	100	100	2,000	100	300	100	100
22	500	20,700	400	15,100	100	100	100	2,200	100	14,700	100	100
23	300	18,700	100	17,500	100	3,800	100	3,200	100	14,600	100	100
24	900	22,300	100	17,000	100	100	100	10,600	100	100	100	100
25	300	23,000	100	15,000	100	200	100	4,800	100	100	100	100
26	800	20,200	100	11,000	100	100	100	100	100	100	100	100
27	300	18,000	100	17,900	100	100	100	1,700	100	100	100	100
28	500	19,000	100	14,700	100	100	100	13,800	100	15,600	100	100
29	600	20,000	100	14,600	100	500	100	8,200	NA	NA	100	100
30	600	20,900	100	12,200	100	1,400	100	200	NA	NA	100	100
31	400	14,600	NA	NA	100	11,300	100	400	NA	NA	100	100

Appendix 15. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Daily minimum and maximum specific conductance from measurements by fixed monitors, October 1992 - January 1994--Continued

Day	Daily minimum and maximum specific conductance											
	April 1993		May 1993		June 1993		July 1993		August 1993		September 1993	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
					01408700 Toms River at Toms River, mid-depth							
1	100	100	100	100	100	15,400	100	20,600	200	27,300	100	23,600
2	100	100	100	100	100	1,600	100	10,300	200	27,600	100	23,400
3	100	100	100	100	100	17,500	100	21,200	200	27,900	100	23,200
4	100	100	100	100	100	17,700	100	20,800	100	34,000	100	28,700
5	NA	NA	100	100	100	15,400	100	19,800	500	34,100	100	29,500
6	100	100	100	1,000	100	15,100	100	21,900	100	32,500	100	26,400
7	100	100	100	700	100	15,400	100	24,100	100	15,200	100	25,200
8	100	100	100	100	100	17,500	100	28,800	100	16,000	100	20,000
9	100	100	100	100	100	18,400	200	32,100	100	100	100	25,400
10	100	100	100	100	100	18,700	300	32,500	100	100	100	28,500
11	100	100	100	100	100	10,000	200	31,300	100	1,000	100	26,300
12	100	100	100	1,000	100	100	200	30,100	100	16,300	100	16,300
13	100	100	100	13,500	100	100	300	29,400	100	17,700	100	21,600
14	100	100	100	400	100	100	100	27,400	100	20,000	100	24,300
15	100	100	100	500	100	4,400	100	27,100	100	24,900	100	28,200
16	100	100	100	100	100	5,500	100	27,700	100	25,700	100	26,400
17	100	100	100	100	100	100	100	25,800	100	12,900	100	23,700
18	100	100	100	100	100	9,300	100	26,200	100	100	100	23,200
19	100	100	100	100	100	19,100	100	23,500	100	100	100	23,300
20	100	100	100	2,400	100	15,600	100	900	100	100	100	23,300
21	100	100	100	800	100	18,400	100	1,100	100	100	100	6,300
22	100	100	100	18,000	100	24,800	100	6,800	100	100	100	23,200
23	100	100	100	17,400	100	24,900	100	2,100	100	13,100	100	27,600
24	100	100	100	18,200	100	25,100	100	24,400	100	15,600	100	16,700
25	100	100	100	7,800	100	20,900	100	20,000	100	22,000	100	15,700
26	100	100	100	500	100	20,600	100	17,800	100	5,200	100	5,300
27	NA	NA	100	400	100	21,200	100	25,100	100	24,500	100	500
28	100	100	100	17,000	100	23,100	100	25,800	100	26,100	100	100
29	100	100	100	1,200	100	24,500	100	31,100	100	17,500	100	100
30	100	100	100	5,600	100	22,800	100	31,400	100	24,000	100	100
31	NA	NA	100	300	NA	NA	400	29,000	100	24,600	NA	NA

Appendix 15. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Daily minimum and maximum specific conductance from measurements by fixed monitors, October 1992 - January 1994--Continued

Day	Daily minimum and maximum specific conductance							
	October 1993		November 1993		December 1993		January 1994	
	Min	Max	Min	Max	Min	Max	Min	Max
	01408700 Toms River at Toms River, mid-depth							
1	100	100	100	600	100	200	100	100
2	100	1,000	100	100	100	1,500	100	100
3	100	100	100	100	100	9,500	100	100
4	100	11,200	100	100	100	20,900	100	15,400
5	100	200	100	300	100	6,600	100	100
6	100	300	100	5,000	100	16,600	100	100
7	100	100	100	300	100	1,200	100	100
8	100	300	100	100	100	100	100	100
9	100	24,200	100	100	100	100	100	100
10	100	18,400	100	100	100	14,600	100	100
11	100	19,100	100	9,500	100	17,300	100	100
12	100	16,800	100	3,500	100	200	100	100
13	100	1,700	100	700	100	15,400	100	400
14	100	800	100	17,600	100	15,900	100	16,300
15	100	100	100	8,200	100	17,100	100	100
16	100	2,700	100	4,400	100	17,700	100	100
17	100	21,000	100	8,400	100	19,200	100	100
18	100	22,600	100	1,800	100	19,900	100	100
19	100	20,400	100	8,100	100	18,500	100	100
20	100	1,900	100	14,400	100	14,700	100	100
21	100	19,600	100	100	100	200	100	100
22	100	100	100	100	100	100	100	100
23	100	100	100	100	100	100	100	100
24	100	100	100	3,500	100	100	100	100
25	100	100	100	100	100	100	100	100
26	100	100	100	12,600	100	900	100	300
27	100	16,900	100	200	100	100	100	13,300
28	100	17,000	100	8,900	100	100	100	200
29	100	21,200	100	19,000	100	100	100	100
30	100	23,300	100	1,000	100	400	100	100
31	100	4,900	NA	NA	100	100	100	100

Appendix 15. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Daily minimum and maximum specific conductance from measurements by fixed monitors, October 1992 - January 1994--Continued

Day	Daily minimum and maximum specific conductance											
	October 1992		November 1992		December 1992		January 1993		February 1993		March 1993	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
	01408719 Toms River at Cedar Point at South Toms River, in channel near surface											
1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	13,600	30,800
2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	11,000	30,200
3	NA	NA	NA	NA	NA	NA	NA	NA	6,800	16,800	1,700	28,500
4	NA	NA	NA	NA	NA	NA	1,500	16,400	11,200	24,300	1,000	6,100
5	NA	NA	NA	NA	NA	NA	2,900	13,100	7,900	19,200	500	10,900
6	NA	NA	NA	NA	NA	NA	1,200	17,200	5,800	23,500	2,600	28,700
7	NA	NA	NA	NA	NA	NA	1,500	19,800	6,700	21,400	5,500	25,900
8	NA	NA	NA	NA	NA	NA	1,400	19,900	8,900	24,600	2,300	19,000
9	NA	NA	NA	NA	NA	NA	400	4,200	2,600	26,800	5,000	19,000
10	NA	NA	NA	NA	NA	NA	200	1,000	5,700	23,100	1,200	14,100
11	NA	NA	NA	NA	NA	NA	200	6,400	1,700	26,200	3,700	15,500
12	NA	NA	NA	NA	NA	NA	400	10,700	800	7,000	900	15,400
13	NA	NA	NA	NA	NA	NA	200	7,100	1,400	18,800	600	1,800
14	NA	NA	NA	NA	NA	NA	2,600	24,400	3,200	17,400	1,400	9,600
15	NA	NA	NA	NA	NA	NA	6,100	25,900	2,600	11,700	NA	NA
16	NA	NA	NA	NA	NA	NA	2,900	25,500	600	7,800	NA	NA
17	NA	NA	NA	NA	NA	NA	4,400	27,600	3,000	16,000	NA	NA
18	NA	NA	NA	NA	NA	NA	5,700	26,400	1,600	12,800	NA	NA
19	NA	NA	NA	NA	NA	NA	2,400	14,400	5,400	13,000	NA	NA
20	NA	NA	NA	NA	NA	NA	NA	NA	1,800	19,700	300	4,000
21	NA	NA	NA	NA	NA	NA	NA	NA	400	12,700	400	5,200
22	NA	NA	NA	NA	1,500	15,700	600	18,300	1,000	24,800	2,700	8,200
23	NA	NA	NA	NA	2,700	20,800	8,000	19,200	6,800	26,300	500	7,400
24	NA	NA	NA	NA	NA	NA	2,400	16,000	5,800	16,100	300	7,300
25	NA	NA	NA	NA	NA	NA	4,300	13,900	NA	NA	1,200	4,700
26	NA	NA	NA	NA	NA	NA	600	7,200	1,000	10,100	1,300	9,800
27	NA	NA	NA	NA	NA	NA	400	14,100	300	3,500	500	7,500
28	NA	NA	NA	NA	300	4,100	6,000	20,400	1,500	26,800	200	800
29	NA	NA	NA	NA	900	6,200	NA	NA	NA	NA	200	2,200
30	NA	NA	NA	NA	1,400	17,000	NA	NA	NA	NA	1,000	6,700
31	NA	NA	NA	NA	3,100	24,700	NA	NA	NA	NA	700	9,800

Appendix 15. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Daily minimum and maximum specific conductance from measurements by fixed monitors, October 1992 - January 1994--Continued

Day	Daily minimum and maximum specific conductance											
	April 1993		May 1993		June 1993		July 1993		August 1993		September 1993	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
	01408719 Toms River at Cedar Point at South Toms River, in channel near surface											
1	200	3,400	500	11,900	1,900	13,600	6,500	22,100	8,100	26,400	5,500	20,700
2	100	1,100	400	16,300	4,500	17,100	2,000	12,100	11,400	26,600	2,000	20,500
3	300	6,100	200	4,400	5,600	17,900	1,800	20,700	13,900	27,400	4,100	23,100
4	2,300	8,600	300	2,000	3,100	21,000	9,000	20,800	12,200	30,900	11,800	26,900
5	700	9,300	200	1,400	600	16,900	4,900	20,200	18,300	31,700	12,000	25,700
6	200	3,800	700	17,900	8,300	17,100	2,900	16,500	5,100	29,600	11,800	25,800
7	100	600	600	18,100	7,700	18,000	5,900	20,900	4,300	24,100	12,200	25,100
8	200	3,100	500	16,000	1,100	18,600	9,400	26,700	2,700	23,700	6,100	24,500
9	200	2,400	700	13,500	6,600	20,100	14,300	25,700	4,300	20,800	7,700	24,500
10	100	500	600	10,400	8,000	17,800	15,600	26,500	3,100	18,600	9,700	28,700
11	100	15,700	1,000	14,100	6,400	20,300	10,500	25,500	3,000	21,600	10,900	25,300
12	6,200	20,600	6,700	20,000	1,800	17,700	13,800	26,500	8,300	21,400	6,500	25,800
13	1,600	10,700	5,400	20,000	1,600	15,800	12,700	26,900	6,300	21,500	7,800	24,400
14	500	15,100	700	16,700	1,400	14,900	8,700	25,600	6,900	21,400	6,200	23,400
15	500	3,200	1,600	16,300	2,100	15,900	9,300	21,900	9,000	21,800	9,700	27,500
16	400	1,300	3,300	16,200	5,100	17,900	9,100	23,000	8,000	22,500	6,800	26,900
17	300	9,700	700	16,500	1,300	15,700	9,800	23,500	1,000	17,500	6,400	23,700
18	5,800	11,300	1,400	15,700	2,400	15,600	10,700	24,700	1,600	14,500	6,700	26,500
19	2,300	8,000	600	6,300	5,700	19,900	3,400	23,300	1,000	9,500	8,600	28,300
20	1,300	9,500	800	17,500	2,800	19,900	5,900	25,700	1,400	16,600	6,300	28,400
21	700	8,300	5,100	20,300	2,000	17,400	8,900	26,500	5,600	23,100	8,500	25,400
22	600	11,500	5,600	20,800	10,400	20,900	9,000	27,200	2,500	20,100	10,100	31,400
23	2,000	11,800	6,800	20,400	11,300	20,900	10,300	27,600	6,800	21,700	8,700	30,200
24	700	7,300	3,800	17,900	4,000	22,300	5,300	25,300	4,900	20,200	9,200	30,000
25	600	4,300	NA	NA	6,300	20,500	7,300	24,500	7,400	21,600	8,100	27,800
26	1,000	5,300	NA	NA	6,000	20,800	1,700	11,800	5,300	21,200	3,100	23,400
27	500	6,000	6,100	19,000	5,600	21,900	2,200	24,700	9,600	23,400	4,300	25,300
28	400	4,600	4,100	15,100	7,500	21,700	11,800	25,200	9,200	24,700	6,400	16,900
29	400	6,400	6,600	14,000	10,500	23,400	11,900	29,800	9,500	25,500	3,800	11,100
30	400	9,100	5,000	12,300	4,500	22,800	19,400	28,600	7,400	24,000	3,400	21,500
31	NA	NA	3,400	13,800	NA	NA	17,900	29,200	4,300	22,400	NA	NA

Appendix 15. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Daily minimum and maximum specific conductance from measurements by fixed monitors, October 1992 - January 1994--Continued

Day	Daily minimum and maximum specific conductance							
	October 1993		November 1993		December 1993		January 1994	
	Min	Max	Min	Max	Min	Max	Min	Max
	01408719 Toms River at Cedar Point at South Toms River, in channel near surface							
1	2,500	25,700	NA	NA	NA	NA	NA	NA
2	4,100	21,900	NA	NA	NA	NA	NA	NA
3	5,500	20,800	NA	NA	NA	NA	NA	NA
4	6,900	23,900	NA	NA	NA	NA	NA	NA
5	6,600	16,600	NA	NA	NA	NA	NA	NA
6	2,400	15,800	NA	NA	NA	NA	NA	NA
7	4,100	17,000	NA	NA	NA	NA	NA	NA
8	5,600	19,000	NA	NA	NA	NA	NA	NA
9	4,900	22,700	NA	NA	NA	NA	NA	NA
10	10,700	26,400	NA	NA	NA	NA	NA	NA
11	6,700	25,000	NA	NA	NA	NA	NA	NA
12	2,000	22,800	NA	NA	NA	NA	NA	NA
13	9,400	24,600	NA	NA	NA	NA	NA	NA
14	2,000	20,500	NA	NA	NA	NA	NA	NA
15	6,000	23,000	NA	NA	NA	NA	NA	NA
16	3,800	24,200	NA	NA	NA	NA	NA	NA
17	3,500	22,300	NA	NA	NA	NA	NA	NA
18	9,700	26,800	NA	NA	NA	NA	NA	NA
19	3,200	23,300	NA	NA	NA	NA	NA	NA
20	1,100	6,700	NA	NA	NA	NA	NA	NA
21	900	22,000	NA	NA	NA	NA	NA	NA
22	4,000	15,200	NA	NA	NA	NA	NA	NA
23	3,200	12,300	NA	NA	NA	NA	NA	NA
24	3,900	16,000	NA	NA	NA	NA	NA	NA
25	2,500	11,000	NA	NA	NA	NA	NA	NA
26	700	6,400	NA	NA	NA	NA	NA	NA
27	500	20,800	NA	NA	NA	NA	NA	NA
28	NA	NA	NA	NA	NA	NA	NA	NA
29	NA	NA	NA	NA	NA	NA	NA	NA
30	NA	NA	NA	NA	NA	NA	NA	NA
31	NA	NA	NA	NA	NA	NA	NA	NA

Appendix 15. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Daily minimum and maximum specific conductance from measurements by fixed monitors, October 1992 - January 1994--Continued

Day	Daily minimum and maximum specific conductance											
	October 1992		November 1992		December 1992		January 1993		February 1993		March 1993	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
	01408719 Toms River at Cedar Point at South Toms River, in channel near bottom											
1	NA	NA	NA	NA	NA	NA	25,900	28,500	12,600	23,800	28,300	31,900
2	NA	NA	NA	NA	NA	NA	24,200	27,500	14,800	19,200	31,000	32,800
3	NA	NA	NA	NA	NA	NA	24,800	26,800	17,900	26,900	31,000	33,000
4	NA	NA	NA	NA	NA	NA	25,100	27,000	26,600	34,000	7,500	31,800
5	NA	NA	NA	NA	NA	NA	24,600	26,700	27,100	32,400	10,900	26,600
6	NA	NA	NA	NA	NA	NA	25,200	26,500	28,000	30,000	25,800	31,100
7	NA	NA	NA	NA	NA	NA	24,900	26,600	27,800	29,100	30,000	33,100
8	NA	NA	NA	NA	NA	NA	25,000	26,600	27,700	29,100	30,200	33,400
9	NA	NA	NA	NA	NA	NA	21,900	26,200	28,600	30,600	30,600	33,300
10	NA	NA	NA	NA	NA	NA	21,700	25,400	30,000	31,200	29,000	31,900
11	NA	NA	NA	NA	NA	NA	22,700	24,700	27,700	31,400	21,900	30,500
12	NA	NA	NA	NA	NA	NA	23,400	25,300	12,800	29,700	23,100	28,300
13	NA	NA	NA	NA	NA	NA	22,800	26,300	18,600	30,800	2,300	26,800
14	NA	NA	NA	NA	NA	NA	25,600	26,500	26,500	31,700	7,200	19,400
15	NA	NA	NA	NA	NA	NA	26,200	28,400	28,900	32,100	10,100	27,400
16	NA	NA	NA	NA	NA	NA	27,200	28,700	28,600	32,200	25,600	27,500
17	NA	NA	NA	NA	NA	NA	28,400	29,900	22,900	31,100	25,700	28,400
18	NA	NA	NA	NA	NA	NA	29,300	31,800	23,700	30,500	22,100	28,800
19	NA	NA	NA	NA	NA	NA	30,400	31,800	28,600	30,300	13,400	23,700
20	NA	NA	NA	NA	NA	NA	28,700	31,200	26,900	29,600	12,900	20,900
21	NA	NA	NA	NA	NA	NA	26,300	30,700	25,800	28,700	16,500	26,100
22	NA	NA	NA	NA	28,700	31,000	18,400	27,200	25,000	27,800	24,600	26,500
23	NA	NA	NA	NA	28,900	30,400	26,200	31,200	27,800	30,600	23,200	26,300
24	NA	NA	NA	NA	11,800	30,100	16,800	30,700	20,000	30,200	19,300	25,700
25	NA	NA	NA	NA	24,000	25,600	23,300	28,300	23,100	30,200	20,600	24,400
26	NA	NA	NA	NA	18,100	25,400	22,400	27,800	29,100	30,600	21,500	24,100
27	NA	NA	NA	NA	20,900	24,200	23,100	26,800	25,200	29,900	14,700	23,500
28	NA	NA	NA	NA	19,900	23,500	25,400	27,400	27,400	29,300	4,700	23,200
29	NA	NA	NA	NA	21,100	23,800	15,400	28,700	NA	NA	20,300	23,300
30	NA	NA	NA	NA	23,200	26,100	20,500	26,000	NA	NA	20,900	22,900
31	NA	NA	NA	NA	25,600	27,500	18,100	24,200	NA	NA	20,200	23,600

Appendix 15. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Daily minimum and maximum specific conductance from measurements by fixed monitors, October 1992 - January 1994--Continued

Day	Daily minimum and maximum specific conductance											
	April 1993		May 1993		June 1993		July 1993		August 1993		September 1993	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
	01408719 Toms River at Cedar Point at South Toms River, in channel near bottom											
1	700	22,600	21,900	24,200	15,900	22,500	21,800	24,800	22,100	29,500	16,400	25,600
2	4,000	18,600	19,000	23,300	20,200	23,700	16,700	22,600	21,100	26,900	14,800	26,000
3	16,500	21,700	14,300	21,300	21,000	24,700	18,600	23,000	22,300	29,100	15,200	27,000
4	19,100	23,800	15,100	18,200	20,100	24,500	19,100	25,400	25,300	34,100	18,100	31,800
5	21,400	23,300	15,600	17,200	16,700	23,700	18,200	23,100	25,300	33,300	20,000	31,800
6	2,500	22,900	16,000	23,900	14,300	21,800	19,700	23,600	22,800	31,400	18,200	29,900
7	2,200	14,500	18,700	23,400	16,200	22,900	20,300	23,900	20,000	28,800	16,800	26,600
8	11,400	16,100	17,000	22,300	18,000	23,600	21,700	28,700	21,000	26,600	16,300	27,600
9	6,100	18,100	18,600	21,400	18,400	22,800	26,800	30,600	20,000	25,400	19,600	29,400
10	100	16,400	19,000	22,000	17,500	23,900	25,800	29,900	18,800	24,200	21,300	32,300
11	16,400	23,000	19,000	22,200	13,500	21,100	24,700	28,600	18,500	23,300	18,000	32,100
12	21,700	22,800	20,900	23,300	12,100	19,800	23,900	27,700	18,500	26,600	16,300	32,000
13	20,800	22,100	21,300	23,100	11,200	18,600	22,500	27,300	21,800	27,000	15,000	26,400
14	18,600	21,500	18,400	22,300	14,400	18,200	21,500	26,100	25,800	27,900	16,600	29,800
15	15,200	20,600	16,900	21,000	14,500	19,300	22,400	26,800	24,000	27,900	18,600	32,500
16	700	19,300	14,200	19,300	18,500	22,600	23,000	28,300	24,800	27,200	19,600	32,200
17	700	22,400	18,100	23,100	16,000	20,500	22,800	28,000	17,900	26,900	16,500	30,300
18	22,000	24,900	18,900	22,500	17,300	22,000	18,300	25,700	17,800	25,500	15,700	27,800
19	21,400	24,000	16,300	20,700	20,000	25,000	19,100	24,400	15,000	24,300	16,000	29,700
20	21,300	22,400	19,100	21,600	19,000	22,700	20,100	29,900	21,800	26,800	17,900	30,100
21	19,400	21,900	20,800	21,900	18,900	21,400	27,600	31,100	26,700	29,100	24,800	31,000
22	18,300	22,400	20,900	25,400	20,900	27,000	26,700	31,200	24,000	28,300	28,700	33,500
23	6,000	20,400	24,000	25,600	24,900	28,300	25,500	30,900	17,800	26,400	32,600	33,400
24	12,500	16,400	22,000	24,400	21,600	26,200	22,400	29,700	16,500	23,700	30,400	33,500
25	13,700	16,000	NA	NA	20,200	22,400	19,700	27,300	17,900	27,100	30,200	33,000
26	14,900	18,300	NA	NA	16,900	24,000	20,500	25,300	18,600	27,400	29,600	31,700
27	17,200	20,200	20,900	25,100	19,700	23,700	19,000	25,000	18,700	27,400	22,800	30,800
28	15,300	19,400	19,100	23,000	20,300	25,700	21,800	30,500	19,700	28,600	28,200	31,900
29	12,700	18,600	17,300	20,600	23,800	26,500	25,000	32,200	18,500	28,700	30,200	32,200
30	15,900	22,800	14,700	18,400	24,200	25,500	26,800	31,800	15,600	25,400	28,900	31,200
31	NA	NA	12,900	16,700	NA	NA	25,400	31,200	17,100	25,000	NA	NA

Appendix 15. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Daily minimum and maximum specific conductance from measurements by fixed monitors, October 1992 - January 1994--Continued

Day	Daily minimum and maximum specific conductance							
	October 1993		November 1993		December 1993		January 1994	
	Min	Max	Min	Max	Min	Max	Min	Max
	01408719 Toms River at Cedar Point at South Toms River, in channel near bottom							
1	23,600	30,500	NA	NA	NA	NA	NA	NA
2	28,300	29,500	NA	NA	NA	NA	NA	NA
3	26,500	28,800	NA	NA	NA	NA	NA	NA
4	25,500	27,900	NA	NA	NA	NA	NA	NA
5	27,000	28,000	NA	NA	NA	NA	NA	NA
6	25,700	27,300	NA	NA	NA	NA	NA	NA
7	25,200	28,000	NA	NA	NA	NA	NA	NA
8	27,800	30,300	NA	NA	NA	NA	NA	NA
9	29,800	30,700	NA	NA	NA	NA	NA	NA
10	29,300	30,300	NA	NA	NA	NA	NA	NA
11	26,500	29,700	NA	NA	NA	NA	NA	NA
12	23,900	27,800	NA	NA	NA	NA	NA	NA
13	25,400	28,700	NA	NA	NA	NA	NA	NA
14	27,400	30,400	NA	NA	NA	NA	NA	NA
15	28,800	31,300	NA	NA	NA	NA	NA	NA
16	30,600	31,400	NA	NA	NA	NA	NA	NA
17	29,800	30,800	NA	NA	NA	NA	NA	NA
18	29,900	30,600	NA	NA	NA	NA	NA	NA
19	28,000	30,400	NA	NA	NA	NA	NA	NA
20	25,200	29,900	NA	NA	NA	NA	NA	NA
21	25,700	29,100	NA	NA	NA	NA	NA	NA
22	26,400	31,200	NA	NA	NA	NA	NA	NA
23	28,500	30,600	NA	NA	NA	NA	NA	NA
24	27,800	30,200	NA	NA	NA	NA	NA	NA
25	28,100	29,600	NA	NA	NA	NA	NA	NA
26	25,400	28,700	NA	NA	NA	NA	NA	NA
27	22,600	27,700	NA	NA	NA	NA	NA	NA
28	NA	NA	NA	NA	NA	NA	NA	NA
29	NA	NA	NA	NA	NA	NA	NA	NA
30	NA	NA	NA	NA	NA	NA	NA	NA
31	NA	NA	NA	NA	NA	NA	NA	NA

Appendix 16. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Daily minimum and maximum values of water-quality characteristics from measurements by movable monitors, October 1992 - January 1994

[Monitors were deployed at the stations listed below for the indicated periods. USGS, U.S. Geological Survey; Min, daily minimum; Max, daily maximum; NA, not available or not applicable]

Index number (fig. 3)	USGS station number	USGS station name	Periods of operation (year/month/day)	Location in cross section	Approximate depth of measurement, in feet
18	01408685	Toms River at Garden State Parkway	93/08/31-93/09/08	Near bottom	5
19	01408690	Toms River 0.2 miles downstream from Garden State Parkway	93/07/28-93/08/03 93/08/11-93/08/24 93/09/22-93/10/19 93/10/19-93/11/18 93/12/02-94/01/28	Near bottom	5
20	01408695	Toms River near South Toms River	92/10/30-92/11/24 92/12/02-92/12/22 92/12/22-92/12/28 93/01/20-93/02/11 93/04/05-93/04/19 93/04/27-93/05/25 93/05/25-93/06/23 93/06/23-93/08/11	Mid-depth	3
23	01408722	Toms River near Toms River	93/06/15-93/06/23 93/10/21-93/10/28	Near surface, and near bottom	1 6

Appendix 16. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Daily minimum and maximum values of water-quality characteristics from measurements by movable monitors, October 1992 - January 1994--Continued

The following characteristics were measured. Intervals between measurements were 15, 30, or 60 minutes. Days with partial records are included.

Characteristic	Unit	Rounding
Temperature	Degrees Celsius	0.5
Specific conductance	Microsiemens per centimeter at 25 degrees Celsius	100
pH	Standard units	0.1
Dissolved-oxygen concentration	Milligrams per liter	0.1

Appendix 16. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Daily minimum and maximum values of water-quality characteristics from measurements by movable monitors, October 1992 - January 1994--Continued

Date year/month/day	Daily minimum and maximum							
	Temperature		Specific conductance		pH		Dissolved-oxygen concentration	
	Min	Max	Min	Max	Min	Max	Min	Max
01408685 Toms River at Garden State Parkway, near bottom								
93/08/31	22.0	22.5	100	100	5.2	5.3	7.2	7.9
93/09/01	20.5	23.0	100	100	5.1	5.2	6.8	7.9
93/09/02	21.0	22.0	100	100	5.1	5.3	6.5	7.3
93/09/03	21.0	23.5	100	100	5.2	5.3	6.6	7.6
93/09/04	21.5	22.5	100	100	5.2	5.3	6.2	7.3
93/09/05	20.5	22.0	100	100	5.2	5.3	6.7	7.8
93/09/06	19.5	22.0	100	100	5.3	5.3	7.0	8.1
93/09/07	19.5	20.5	100	100	5.3	5.3	7.0	8.3
93/09/08	19.5	20.0	100	100	5.3	5.3	7.2	7.5
01408690 Toms River 0.2 miles downstream from Garden State Parkway, near bottom								
93/07/28	23.0	24.0	100	15,300	5.1	7.0	5.6	8.0
93/07/29	22.0	25.0	100	26,400	5.1	7.0	3.8	7.7
93/07/30	21.5	25.0	100	27,500	5.1	5.8	2.4	7.5
93/07/31	20.5	22.5	100	500	5.1	6.6	6.3	7.7
93/08/01	20.0	24.0	100	15,300	5.1	6.8	5.1	7.8
93/08/02	20.5	24.0	100	19,500	5.1	5.5	4.5	7.9
93/08/03	21.5	23.0	100	15,300	5.1	7.0	6.0	6.9
93/08/11	20.5	21.0	100	100	NA	NA	NA	NA
93/08/12	18.5	21.0	100	100	NA	NA	NA	NA
93/08/13	19.0	21.0	100	100	NA	NA	NA	NA
93/08/14	19.5	21.5	100	100	NA	NA	NA	NA
93/08/15	20.0	22.5	100	100	NA	NA	NA	NA
93/08/16	20.5	22.5	100	6,600	NA	NA	NA	NA
93/08/17	20.5	21.5	100	100	NA	NA	NA	NA
93/08/18	20.5	21.0	100	100	NA	NA	NA	NA
93/08/19	20.0	21.5	100	100	NA	NA	NA	NA
93/08/20	20.5	21.5	100	100	NA	NA	NA	NA
93/08/21	21.0	22.0	100	100	NA	NA	NA	NA
93/08/22	20.0	22.0	100	100	NA	NA	NA	NA
93/08/23	19.5	22.0	100	100	NA	NA	NA	NA
93/08/24	19.5	20.5	100	100	NA	NA	NA	NA
93/09/22	16.0	16.0	100	100	NA	NA	NA	NA
93/09/23	15.5	17.0	100	100	NA	NA	NA	NA
93/09/24	16.5	17.5	100	100	NA	NA	NA	NA
93/09/25	15.5	16.5	100	100	NA	NA	NA	NA
93/09/26	16.0	18.5	100	100	NA	NA	NA	NA
93/09/27	18.0	19.0	100	100	NA	NA	NA	NA
93/09/28	16.5	18.5	100	100	NA	NA	NA	NA

Appendix 16. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Daily minimum and maximum values of water-quality characteristics from measurements by movable monitors, October 1992 - January 1994--Continued

Date year/month/day	Daily minimum and maximum							
	Temperature		Specific conductance		pH		Dissolved-oxygen concentration	
	Min	Max	Min	Max	Min	Max	Min	Max
01408690 Toms River 0.2 miles downstream from Garden State Parkway, near bottom (continued)								
93/09/29	15.0	16.5	100	100	NA	NA	NA	NA
93/09/30	13.0	15.0	100	100	NA	NA	NA	NA
93/10/01	12.0	13.5	100	100	NA	NA	NA	NA
93/10/02	12.5	14.0	100	100	NA	NA	NA	NA
93/10/03	14.0	15.0	100	100	NA	NA	NA	NA
93/10/04	13.0	15.0	100	100	NA	NA	NA	NA
93/10/05	13.0	14.5	100	100	NA	NA	NA	NA
93/10/06	12.0	13.5	100	100	NA	NA	NA	NA
93/10/07	12.0	14.5	100	100	NA	NA	NA	NA
93/10/08	14.0	15.0	100	100	NA	NA	NA	NA
93/10/09	14.0	16.0	100	1,000	NA	NA	NA	NA
93/10/10	13.0	15.5	100	100	NA	NA	NA	NA
93/10/11	11.5	12.5	100	100	NA	NA	NA	NA
93/10/12	11.5	13.0	100	100	NA	NA	NA	NA
93/10/13	11.5	12.5	100	100	NA	NA	NA	NA
93/10/14	11.0	12.0	100	100	NA	NA	NA	NA
93/10/15	11.0	12.5	100	100	NA	NA	NA	NA
93/10/16	11.5	12.5	100	100	NA	NA	NA	NA
93/10/17	12.0	13.5	100	100	NA	NA	NA	NA
93/10/18	13.0	15.0	100	100	NA	NA	NA	NA
93/10/19	13.0	14.0	100	100	NA	NA	NA	NA
93/10/19	13.5	13.5	100	100	NA	NA	NA	NA
93/10/20	13.5	14.0	100	100	NA	NA	NA	NA
93/10/21	14.0	16.0	100	100	NA	NA	NA	NA
93/10/22	13.5	15.5	100	100	NA	NA	NA	NA
93/10/23	11.5	13.5	100	100	NA	NA	NA	NA
93/10/24	10.5	11.5	100	100	NA	NA	NA	NA
93/10/25	10.5	11.5	100	100	NA	NA	NA	NA
93/10/26	11.5	12.0	100	100	NA	NA	NA	NA
93/10/27	12.0	13.0	100	100	NA	NA	NA	NA
93/10/28	11.5	13.0	100	100	NA	NA	NA	NA
93/10/29	10.5	12.0	100	100	NA	NA	NA	NA
93/10/30	11.0	11.5	100	100	NA	NA	NA	NA
93/10/31	10.5	11.0	100	100	NA	NA	NA	NA
93/11/01	9.0	10.5	100	100	NA	NA	NA	NA
93/11/02	8.0	9.0	100	100	NA	NA	NA	NA
93/11/03	7.5	8.0	100	100	NA	NA	NA	NA
93/11/04	7.0	8.0	100	100	NA	NA	NA	NA
93/11/05	8.0	10.0	100	100	NA	NA	NA	NA
93/11/06	9.5	10.0	100	100	NA	NA	NA	NA
93/11/07	8.0	9.5	100	100	NA	NA	NA	NA

Appendix 16. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Daily minimum and maximum values of water-quality characteristics from measurements by movable monitors, October 1992 - January 1994--Continued

Date year/month/day	Daily minimum and maximum							
	Temperature		Specific conductance		pH		Dissolved-oxygen concentration	
	Min	Max	Min	Max	Min	Max	Min	Max
01408690 Toms River 0.2 miles downstream from Garden State Parkway, near bottom (continued)								
93/11/08	7.0	8.0	100	100	NA	NA	NA	NA
93/11/09	6.0	7.0	100	100	NA	NA	NA	NA
93/11/10	6.0	7.0	100	100	NA	NA	NA	NA
93/11/11	6.0	7.0	100	100	NA	NA	NA	NA
93/11/12	7.0	8.5	100	100	NA	NA	NA	NA
93/11/13	7.5	9.0	100	100	NA	NA	NA	NA
93/11/14	9.5	11.5	100	100	NA	NA	NA	NA
93/11/15	11.5	14.0	100	100	NA	NA	NA	NA
93/11/16	11.5	13.5	100	100	NA	NA	NA	NA
93/11/17	10.5	11.5	100	100	NA	NA	NA	NA
93/11/18	11.0	11.5	100	100	NA	NA	NA	NA
93/12/02	7.0	7.0	100	100	NA	NA	NA	NA
93/12/03	7.0	8.5	100	100	NA	NA	NA	NA
93/12/04	7.5	8.5	100	100	NA	NA	NA	NA
93/12/05	8.5	9.5	100	100	NA	NA	NA	NA
93/12/06	8.0	9.0	100	100	NA	NA	NA	NA
93/12/07	7.0	7.5	100	100	NA	NA	NA	NA
93/12/08	6.5	7.5	100	100	NA	NA	NA	NA
93/12/09	5.5	6.5	100	100	NA	NA	NA	NA
93/12/10	5.5	7.0	100	100	NA	NA	NA	NA
93/12/11	6.0	7.5	100	100	NA	NA	NA	NA
93/12/12	4.0	6.0	100	100	NA	NA	NA	NA
93/12/13	3.0	4.0	100	100	NA	NA	NA	NA
93/12/14	3.5	5.0	100	20,500	NA	NA	NA	NA
93/12/15	5.0	6.5	100	100	NA	NA	NA	NA
93/12/16	6.0	7.0	100	17,900	NA	NA	NA	NA
93/12/17	5.0	6.0	100	29,700	NA	NA	NA	NA
93/12/18	4.0	5.5	100	100	NA	NA	NA	NA
93/12/19	5.5	6.0	100	100	NA	NA	NA	NA
93/12/20	4.5	6.0	100	100	NA	NA	NA	NA
93/12/21	6.0	7.0	100	100	NA	NA	NA	NA
93/12/22	5.0	6.0	100	100	NA	NA	NA	NA
93/12/23	4.0	5.0	100	100	NA	NA	NA	NA
93/12/24	3.0	3.5	100	100	NA	NA	NA	NA
93/12/25	2.5	3.0	100	100	NA	NA	NA	NA
93/12/26	1.5	3.0	100	100	NA	NA	NA	NA
93/12/27	1.0	1.0	100	100	NA	NA	NA	NA
93/12/28	1.0	2.0	100	100	NA	NA	NA	NA
93/12/29	1.5	2.0	100	100	NA	NA	NA	NA
93/12/30	1.0	1.5	100	100	NA	NA	NA	NA
93/12/31	1.0	2.0	100	100	NA	NA	NA	NA

Appendix 16. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Daily minimum and maximum values of water-quality characteristics from measurements by movable monitors, October 1992 - January 1994--Continued

Date year/month/day	Daily minimum and maximum							
	Temperature		Specific conductance		pH		Dissolved-oxygen concentration	
	Min	Max	Min	Max	Min	Max	Min	Max
01408690 Toms River 0.2 miles downstream from Garden State Parkway, near bottom (continued)								
94/01/01	1.5	3.0	100	100	NA	NA	NA	NA
94/01/02	3.0	4.0	100	200	NA	NA	NA	NA
94/01/03	3.0	3.5	100	100	NA	NA	NA	NA
94/01/04	3.0	3.5	100	100	NA	NA	NA	NA
94/01/05	1.5	3.0	100	100	NA	NA	NA	NA
94/01/06	1.0	2.0	100	100	NA	NA	NA	NA
94/01/07	2.0	2.5	100	100	NA	NA	NA	NA
94/01/08	1.5	2.5	100	100	NA	NA	NA	NA
94/01/09	0.5	1.5	100	100	NA	NA	NA	NA
94/01/10	0.5	1.0	100	100	NA	NA	NA	NA
94/01/11	0.5	2.0	100	100	NA	NA	NA	NA
94/01/12	2.0	2.5	100	100	NA	NA	NA	NA
94/01/13	2.5	3.5	100	100	NA	NA	NA	NA
94/01/14	2.5	3.5	100	100	NA	NA	NA	NA
94/01/15	0.0	2.5	100	100	NA	NA	NA	NA
94/01/16	0.0	0.5	100	100	NA	NA	NA	NA
94/01/17	0.5	1.5	100	200	NA	NA	NA	NA
94/01/18	0.0	1.5	100	100	NA	NA	NA	NA
94/01/19	0.0	0.5	100	100	NA	NA	NA	NA
94/01/20	0.0	0.5	100	100	NA	NA	NA	NA
94/01/21	0.0	0.5	100	100	NA	NA	NA	NA
94/01/22	0.5	1.0	100	100	NA	NA	NA	NA
94/01/23	0.5	1.5	100	100	NA	NA	NA	NA
94/01/24	1.5	3.0	100	200	NA	NA	NA	NA
94/01/25	2.0	3.0	100	100	NA	NA	NA	NA
94/01/26	1.5	3.0	100	100	NA	NA	NA	NA
94/01/27	1.0	1.5	100	100	NA	NA	NA	NA
94/01/28	1.5	3.5	100	200	NA	NA	NA	NA
01408695 Toms River near South Toms River, mid-depth								
92/10/30	11.0	11.5	100	23,400	NA	NA	NA	NA
92/10/31	10.0	11.5	100	200	NA	NA	NA	NA
92/11/01	10.0	11.0	100	1,900	NA	NA	NA	NA
92/11/02	9.5	10.0	100	100	NA	NA	NA	NA
92/11/03	10.0	12.5	100	100	NA	NA	NA	NA
92/11/04	11.5	13.0	100	100	NA	NA	NA	NA
92/11/05	12.0	13.0	100	100	NA	NA	NA	NA
92/11/06	10.0	12.0	100	100	NA	NA	NA	NA
92/11/07	8.5	10.0	100	100	NA	NA	NA	NA
92/11/08	7.0	8.5	100	100	NA	NA	NA	NA
92/11/09	6.0	7.5	100	100	NA	NA	NA	NA

Appendix 16. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Daily minimum and maximum values of water-quality characteristics from measurements by movable monitors, October 1992 - January 1994--Continued

Date year/month/day	Daily minimum and maximum							
	Temperature		Specific conductance		pH		Dissolved-oxygen concentration	
	Min	Max	Min	Max	Min	Max	Min	Max
01408695 Toms River near South Toms River, mid-depth (continued)								
92/11/10	6.0	7.5	100	1,400	NA	NA	NA	NA
92/11/11	7.0	9.0	100	9,700	NA	NA	NA	NA
92/11/12	9.0	12.0	100	5,800	NA	NA	NA	NA
92/11/13	10.5	12.5	100	100	NA	NA	NA	NA
92/11/14	8.0	10.5	100	100	NA	NA	NA	NA
92/11/15	6.5	8.0	100	100	NA	NA	NA	NA
92/11/16	5.5	6.5	100	100	NA	NA	NA	NA
92/11/17	5.0	7.0	100	800	NA	NA	NA	NA
92/11/18	7.0	7.5	100	100	NA	NA	NA	NA
92/11/19	7.0	7.5	100	100	NA	NA	NA	NA
92/11/20	6.5	7.5	100	3,900	NA	NA	NA	NA
92/11/21	6.5	9.0	100	600	NA	NA	NA	NA
92/11/22	9.0	11.5	100	8,400	NA	NA	NA	NA
92/11/23	11.5	14.0	100	9,500	NA	NA	NA	NA
92/11/24	10.0	12.5	100	20,100	NA	NA	NA	NA
92/12/02	6.5	9.5	100	28,400	NA	NA	NA	NA
92/12/03	6.0	9.0	100	28,500	NA	NA	NA	NA
92/12/04	5.0	6.0	100	100	NA	NA	NA	NA
92/12/05	5.0	6.5	100	100	NA	NA	NA	NA
92/12/06	4.0	5.0	100	100	NA	NA	NA	NA
92/12/07	4.0	5.0	100	100	NA	NA	NA	NA
92/12/08	4.0	4.5	100	100	NA	NA	NA	NA
92/12/09	2.5	3.5	100	7,900	NA	NA	NA	NA
92/12/10	2.5	4.5	100	4,900	NA	NA	NA	NA
92/12/11	4.5	6.5	100	21,600	NA	NA	NA	NA
92/12/12	5.0	7.0	100	20,700	NA	NA	NA	NA
92/12/13	5.0	5.5	100	100	NA	NA	NA	NA
92/12/14	4.0	5.0	100	100	NA	NA	NA	NA
92/12/15	3.5	4.0	100	100	NA	NA	NA	NA
92/12/16	3.5	4.5	100	100	NA	NA	NA	NA
92/12/17	4.5	6.5	100	100	NA	NA	NA	NA
92/12/18	6.0	7.0	100	100	NA	NA	NA	NA
92/12/19	5.0	6.0	100	100	NA	NA	NA	NA
92/12/20	5.5	6.5	100	100	NA	NA	NA	NA
92/12/21	4.0	5.5	100	100	NA	NA	NA	NA
92/12/22	4.0	4.0	100	100	NA	NA	NA	NA
92/12/22	4.0	5.0	100	100	NA	NA	NA	NA
92/12/23	4.0	5.0	100	100	NA	NA	NA	NA
92/12/24	3.0	4.5	100	100	NA	NA	NA	NA
92/12/25	2.0	3.0	100	100	NA	NA	NA	NA

Appendix 16. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Daily minimum and maximum values of water-quality characteristics from measurements by movable monitors, October 1992 - January 1994--Continued

Date year/month/day	Daily minimum and maximum							
	Temperature		Specific conductance		pH		Dissolved-oxygen concentration	
	Min	Max	Min	Max	Min	Max	Min	Max
01408695 Toms River near South Toms River, mid-depth (continued)								
92/12/26	2.5	3.0	100	100	NA	NA	NA	NA
92/12/27	2.0	2.5	100	100	NA	NA	NA	NA
92/12/28	2.5	4.0	100	100	NA	NA	NA	NA
93/01/20	3.0	3.5	100	100	NA	NA	NA	NA
93/01/21	2.5	4.5	100	100	NA	NA	NA	NA
93/01/22	4.5	6.0	100	100	NA	NA	NA	NA
93/01/23	5.5	6.5	100	100	NA	NA	NA	NA
93/01/24	5.0	7.0	100	100	NA	NA	NA	NA
93/01/25	5.0	6.5	100	100	NA	NA	NA	NA
93/01/26	4.0	5.0	100	100	NA	NA	NA	NA
93/01/27	4.0	5.5	100	100	NA	NA	NA	NA
93/01/28	3.5	5.0	100	100	NA	NA	NA	NA
93/01/29	3.5	5.5	100	100	NA	NA	NA	NA
93/01/30	2.5	4.0	100	100	NA	NA	NA	NA
93/01/31	3.5	5.0	100	100	NA	NA	NA	NA
93/02/01	2.5	5.0	100	100	NA	NA	NA	NA
93/02/02	1.0	2.5	100	100	NA	NA	NA	NA
93/02/03	0.5	2.5	100	14,000	NA	NA	NA	NA
93/02/04	2.5	4.0	100	100	NA	NA	NA	NA
93/02/05	2.5	4.5	100	100	NA	NA	NA	NA
93/02/06	2.0	4.0	100	100	NA	NA	NA	NA
93/02/07	1.0	2.0	100	19,600	NA	NA	NA	NA
93/02/08	2.0	4.5	100	20,200	NA	NA	NA	NA
93/02/09	2.5	4.5	100	19,100	NA	NA	NA	NA
93/02/10	2.5	5.5	100	8,800	NA	NA	NA	NA
93/02/11	3.5	5.0	100	100	NA	NA	NA	NA
93/04/05	8.0	9.5	100	100	4.2	4.3	10.5	11.1
93/04/06	7.5	9.5	100	100	4.2	4.2	10.4	11.2
93/04/07	7.5	11.0	100	100	4.2	4.3	10.4	11.2
93/04/08	8.5	12.0	100	100	4.2	4.3	10.2	11.1
93/04/09	9.5	12.5	100	100	4.3	4.4	10.0	11.0
93/04/10	11.0	12.5	100	100	4.3	4.4	9.4	10.4
93/04/11	11.0	13.5	100	100	4.3	4.4	9.3	10.6
93/04/12	11.0	14.0	100	100	4.3	4.4	9.4	10.7
93/04/13	11.0	14.5	100	100	4.3	4.4	9.5	10.8
93/04/14	11.0	13.5	100	100	4.4	4.5	9.4	10.8
93/04/15	12.0	14.0	100	100	4.4	4.5	9.4	10.7
93/04/16	12.5	14.5	100	100	4.4	4.5	9.2	10.3
93/04/17	13.5	16.0	100	100	4.5	4.5	8.5	10.0
93/04/18	12.5	15.5	100	100	4.5	4.6	8.6	10.4

Appendix 16. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Daily minimum and maximum values of water-quality characteristics from measurements by movable monitors, October 1992 - January 1994--Continued

Date year/month/day	Daily minimum and maximum							
	Temperature		Specific conductance		pH		Dissolved-oxygen concentration	
	Min	Max	Min	Max	Min	Max	Min	Max
01408695 Toms River near South Toms River, mid-depth (continued)								
93/04/19	12.0	16.0	100	100	4.5	4.5	9.0	10.5
93/04/27	13.5	15.5	100	100	NA	NA	NA	NA
93/04/28	12.0	16.0	100	100	NA	NA	NA	NA
93/04/29	12.0	16.0	100	100	NA	NA	NA	NA
93/04/30	12.5	17.0	100	100	NA	NA	NA	NA
93/05/01	13.5	18.0	100	100	NA	NA	NA	NA
93/05/02	15.0	18.5	100	100	NA	NA	NA	NA
93/05/03	15.5	17.5	100	100	NA	NA	NA	NA
93/05/04	15.0	16.5	100	100	NA	NA	NA	NA
93/05/05	15.0	18.0	100	100	NA	NA	NA	NA
93/05/06	16.0	19.5	100	100	NA	NA	NA	NA
93/05/07	16.5	20.0	100	100	NA	NA	NA	NA
93/05/08	16.0	19.5	100	100	NA	NA	NA	NA
93/05/09	15.5	20.5	100	100	NA	NA	NA	NA
93/05/10	17.0	20.5	100	100	NA	NA	NA	NA
93/05/11	16.5	21.5	100	100	NA	NA	NA	NA
93/05/12	18.5	22.5	100	100	NA	NA	NA	NA
93/05/13	17.0	20.0	100	100	NA	NA	NA	NA
93/05/14	16.0	19.0	100	100	NA	NA	NA	NA
93/05/15	15.0	20.0	100	100	NA	NA	NA	NA
93/05/16	16.5	20.0	100	100	NA	NA	NA	NA
93/05/17	17.0	20.0	100	100	NA	NA	NA	NA
93/05/18	14.5	17.0	100	100	NA	NA	NA	NA
93/05/19	14.0	15.0	100	100	NA	NA	NA	NA
93/05/20	13.5	14.5	100	100	NA	NA	NA	NA
93/05/21	12.5	16.0	100	100	NA	NA	NA	NA
93/05/22	13.0	16.5	100	100	NA	NA	NA	NA
93/05/23	13.5	18.0	100	100	NA	NA	NA	NA
93/05/24	15.0	19.5	100	100	NA	NA	NA	NA
93/05/25	17.0	17.5	100	100	NA	NA	NA	NA
93/05/25	18.0	20.5	100	100	5.2	5.5	8.1	8.8
93/05/26	17.5	20.0	100	100	5.2	5.3	7.8	8.8
93/05/27	16.0	19.5	100	100	5.2	5.3	8.0	8.9
93/05/28	16.5	21.0	100	100	5.2	5.3	8.0	8.8
93/05/29	18.0	20.5	100	100	5.3	5.4	7.5	8.5
93/05/30	16.0	19.5	100	100	5.3	5.4	8.0	8.9
93/05/31	16.0	17.5	100	100	5.3	5.4	8.0	8.9
93/06/01	16.0	19.0	100	100	5.4	5.4	7.6	8.7
93/06/02	15.0	18.5	100	100	5.2	5.4	7.9	9.2
93/06/03	15.5	18.0	100	100	5.2	5.3	8.1	9.0

Appendix 16. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Daily minimum and maximum values of water-quality characteristics from measurements by movable monitors, October 1992 - January 1994--Continued

Date year/month/day	Daily minimum and maximum							
	Temperature		Specific conductance		pH		Dissolved-oxygen concentration	
	Min	Max	Min	Max	Min	Max	Min	Max
01408695 Toms River near South Toms River, mid-depth (continued)								
93/06/04	16.0	17.5	100	100	5.3	5.3	8.0	8.9
93/06/05	15.5	16.5	100	100	5.3	5.3	8.0	8.6
93/06/06	15.0	17.5	100	100	5.3	5.4	8.1	9.1
93/06/07	14.5	18.0	100	100	5.3	5.4	8.2	9.2
93/06/08	16.0	20.5	100	100	5.3	5.3	7.8	9.1
93/06/09	18.0	22.5	100	100	NA	NA	NA	NA
93/06/10	19.5	23.5	100	100	NA	NA	NA	NA
93/06/11	20.0	23.0	100	100	NA	NA	NA	NA
93/06/12	19.5	22.5	100	100	NA	NA	NA	NA
93/06/13	18.0	22.0	100	100	NA	NA	NA	NA
93/06/14	17.5	22.0	100	100	NA	NA	NA	NA
93/06/15	18.0	21.5	100	100	NA	NA	NA	NA
93/06/16	18.5	22.5	100	100	NA	NA	NA	NA
93/06/17	19.0	22.5	100	100	NA	NA	NA	NA
93/06/18	19.0	23.0	100	100	NA	NA	NA	NA
93/06/19	20.5	24.0	100	100	NA	NA	NA	NA
93/06/20	21.0	23.0	100	100	NA	NA	NA	NA
93/06/21	20.5	23.5	100	100	NA	NA	NA	NA
93/06/22	21.0	24.5	100	11,600	NA	NA	NA	NA
93/06/23	20.0	22.5	100	100	NA	NA	NA	NA
93/06/23	20.5	23.5	100	100	NA	NA	NA	NA
93/06/24	18.5	22.5	100	100	NA	NA	NA	NA
93/06/25	18.5	22.5	100	9,700	NA	NA	NA	NA
93/06/26	19.5	23.5	100	12,300	NA	NA	NA	NA
93/06/27	21.0	22.5	100	100	NA	NA	NA	NA
93/06/28	20.0	25.0	100	19,500	NA	NA	NA	NA
93/06/29	20.5	23.5	100	1,500	NA	NA	NA	NA
93/06/30	20.5	22.5	100	1,200	NA	NA	NA	NA
93/07/01	20.0	23.5	100	100	NA	NA	NA	NA
93/07/02	20.0	21.5	100	100	NA	NA	NA	NA
93/07/03	19.5	24.0	100	12,400	NA	NA	NA	NA
93/07/04	21.0	24.5	100	14,300	NA	NA	NA	NA
93/07/05	22.0	25.0	100	1,200	NA	NA	NA	NA
93/07/06	21.5	25.5	100	1,300	NA	NA	NA	NA
93/07/07	22.5	26.0	100	13,100	NA	NA	NA	NA
93/07/08	23.5	27.0	100	22,100	NA	NA	NA	NA
93/07/28	23.0	24.5	100	17,800	NA	NA	NA	NA
93/07/29	22.0	25.0	100	29,300	NA	NA	NA	NA
93/07/30	22.0	25.0	100	29,400	NA	NA	NA	NA
93/07/31	20.5	25.0	100	20,100	NA	NA	NA	NA
93/08/01	20.5	25.0	100	20,100	NA	NA	NA	NA

Appendix 16. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Daily minimum and maximum values of water-quality characteristics from measurements by movable monitors, October 1992 - January 1994--Continued

Date year/month/day	Daily minimum and maximum							
	Temperature		Specific conductance		pH		Dissolved-oxygen concentration	
	Min	Max	Min	Max	Min	Max	Min	Max
01408695 Toms River near South Toms River, mid-depth (continued)								
93/08/02	20.5	26.0	100	24,400	NA	NA	NA	NA
93/08/03	21.5	26.0	100	22,100	NA	NA	NA	NA
93/08/04	21.5	25.0	100	18,100	NA	NA	NA	NA
93/08/05	21.0	25.5	100	27,000	NA	NA	NA	NA
93/08/06	19.5	25.0	100	25,400	NA	NA	NA	NA
93/08/07	19.0	20.5	100	100	NA	NA	NA	NA
93/08/08	18.5	21.0	100	100	NA	NA	NA	NA
93/08/09	19.0	21.5	100	100	NA	NA	NA	NA
93/08/10	18.5	21.5	100	100	NA	NA	NA	NA
93/08/11	21.0	21.0	100	100	NA	NA	NA	NA
01408722 Toms River near Toms River, near surface								
93/06/15	25.0	26.0	16,400	19,800	8.4	8.8	8.3	10.3
93/06/16	24.0	26.5	16,000	19,200	8.3	8.8	7.4	10.8
93/06/17	24.5	27.0	15,000	17,800	8.3	8.8	8.6	11.8
93/06/18	25.5	28.0	12,500	19,100	8.0	8.7	8.5	10.4
93/06/19	25.5	28.5	12,600	20,700	7.5	8.4	6.7	9.3
93/06/20	25.5	26.5	16,500	20,200	7.1	8.1	6.1	9.0
93/06/21	24.0	27.0	11,000	20,500	6.9	8.2	6.7	9.2
93/06/22	25.0	26.5	16,400	20,700	7.0	7.7	5.7	7.1
93/06/23	23.5	25.0	20,400	21,400	7.3	8.2	6.0	9.5
93/10/21	15.5	17.0	20,200	24,700	7.6	8.0	8.4	9.5
93/10/22	14.0	15.5	17,800	23,800	7.3	7.7	7.9	9.0
93/10/23	13.0	16.0	12,500	22,500	6.9	7.7	8.6	9.7
93/10/24	12.5	15.0	15,300	25,800	7.1	7.9	8.8	9.6
93/10/25	12.5	17.0	14,000	23,000	6.9	7.7	8.8	9.6
93/10/26	13.5	15.0	13,000	21,100	7.1	7.6	8.6	9.4
93/10/27	12.5	14.0	7,000	25,500	6.6	7.9	8.5	9.6
93/10/28	13.5	14.0	23,100	25,800	7.6	7.8	8.0	8.7
01408722 Toms River near Toms River, near bottom								
93/06/15	24.0	25.5	19,200	21,700	7.6	8.5	4.5	8.6
93/06/16	24.0	26.0	18,200	24,200	7.4	8.5	2.9	8.9
93/06/17	24.5	27.0	17,100	23,000	7.2	8.8	2.0	11.1
93/06/18	25.0	27.5	12,500	24,300	7.8	8.7	3.6	9.7
93/06/19	25.5	27.0	20,800	25,700	7.4	8.0	2.9	6.9
93/06/20	26.0	27.0	19,300	24,400	7.2	7.8	2.7	7.6
93/06/21	25.5	26.5	19,300	22,100	7.2	7.6	5.0	7.1
93/06/22	25.5	26.0	21,400	26,700	7.1	7.5	3.5	6.1

Appendix 16. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Daily minimum and maximum values of water-quality characteristics from measurements by movable monitors, October 1992 - January 1994--Continued

Date year/month/day	Daily minimum and maximum							
	Temperature		Specific conductance		pH		Dissolved-oxygen concentration	
	Min	Max	Min	Max	Min	Max	Min	Max
01408722 Toms River near Toms River, near bottom (continued)								
93/06/23	24.0	26.0	22,000	26,700	7.2	7.9	3.3	8.9
93/10/21	15.5	15.5	26,400	29,500	7.8	8.0	7.5	8.9
93/10/22	15.5	16.0	24,900	31,200	7.9	8.0	7.4	9.2
93/10/23	15.5	16.0	27,100	31,600	7.8	8.1	6.7	9.1
93/10/24	15.0	16.0	27,300	30,100	7.8	8.1	7.2	8.8
93/10/25	14.5	15.5	25,300	29,800	7.7	8.1	6.4	9.2
93/10/26	14.0	15.5	19,700	29,600	7.5	7.9	7.3	9.2
93/10/27	13.5	14.0	19,000	27,300	7.5	7.9	8.2	9.0
93/10/28	13.5	14.0	27,300	31,500	7.9	8.0	8.3	8.9

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993

[Water-quality measurements were made at the stations listed below. USGS, U.S. Geological Survey; NA, not applicable or not available; >, greater than]

Index number (fig. 3)	USGS station number	USGS station name	Location of the channel in the cross section, in percent distance from left to right bank
18	01408685	Toms River at Garden State Parkway	50
19	01408690	Toms River 0.2 miles downstream from Garden State Parkway	10
20	01408695	Toms River near South Toms River	50
21	01408700	Toms River at Toms River	25, 75 (two channels)
22	01408719	Toms River at Cedar Point at South Toms River	50
23	01408722	Toms River near Toms River	50
24	01408730	Toms River at Pine Beach	50
25	01408735	Toms River at Maple Avenue Pier at Island Heights	50
26	01408740	Toms River at Island Heights	50
27	395540074055400	Barnegat Bay near Ocean Gate	NA
28	395611074061800	Barnegat Bay near Bay Shore	NA
29	395703074060100	Barnegat Bay near Gilford Park	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

The following information is presented:

Characteristic	Unit	Rounding
Date and time of measurement	NA	NA
Distance from left bank	Percent of distance from left to right bank	1
Sample depth	Feet	0.5
Total depth	Feet	0.5
Temperature	Degrees Celsius	0.5
pH	Standard units	0.1
Dissolved-oxygen concentration	Milligrams per liter	0.1
Dissolved-oxygen concentration as a percent of saturation	Percent	1
Barometric pressure	Millimeters of mercury	5
Specific conductance	Microsiemens per centimeter at 25 degrees Celsius	NA
Secchi-disk depth	Feet	0.5
Tidal-water level	Feet above the National Geodetic Vertical Datum of 1929	0.01

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
					01408685 Toms River at Garden State Parkway							
92/10/29	1200	50	0.5	7.0	11.0	5.7	9.6	87	760	100	NA	NA
92/10/29	1155	50	6.5	7.0	10.5	5.7	9.4	85	760	100	NA	NA
92/12/02	0912	50	0.5	5.5	6.0	4.3	10.8	87	760	100	NA	NA
92/12/02	0913	50	3.5	5.5	6.0	4.3	10.7	87	760	100	NA	NA
92/12/02	0914	50	5.5	5.5	6.5	4.3	10.7	87	760	100	NA	NA
92/12/02	1515	50	0.5	5.5	7.0	4.6	10.8	89	760	100	4.5	NA
92/12/02	1516	50	1.5	5.5	7.0	4.6	10.9	90	760	100	4.5	NA
92/12/02	1517	50	3.5	5.5	7.0	4.6	10.9	90	760	100	4.5	NA
92/12/02	1518	50	5.0	5.5	7.0	4.6	10.9	90	760	100	4.5	NA
93/06/09	1035	90	0.5	4.5	18.5	5.5	8.2	88	760	100	>5.0	NA
93/06/09	1036	90	4.0	4.5	18.5	5.5	8.2	87	760	100	>5.0	NA
93/06/09	1040	10	0.5	5.0	18.0	5.6	8.2	87	760	100	4.5	NA
93/06/09	1041	10	4.0	5.0	18.0	5.6	8.2	87	760	100	4.5	NA
93/06/23	0926	50	0.5	4.5	20.0	5.4	7.4	81	765	100	3.5	NA
93/06/23	0927	50	4.0	4.5	19.5	5.4	7.3	80	765	100	3.5	NA
93/06/23	1603	50	0.5	4.5	22.0	5.6	8.0	91	765	100	NA	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
93/06/23	1604	50	4.0	4.5	22.0	5.7	8.1	92	765	100	NA	NA
93/07/08	1500	50	0.5	5.0	25.0	5.5	7.3	89	760	100	3.5	NA
93/07/08	1501	50	4.5	5.0	25.0	5.5	7.6	92	760	100	3.5	NA
93/08/03	0945	50	0.5	5.5	21.5	5.3	6.8	77	760	100	5.0	NA
93/08/03	0946	50	5.0	5.5	21.0	5.3	6.8	77	760	100	5.0	NA
					01408685 Toms River at Garden State Parkway (continued)							
93/08/24	0920	50	0.5	5.0	20.0	4.6	7.2	79	765	100	3.5	NA
93/08/24	0921	50	4.5	5.0	20.0	4.6	7.2	79	765	100	3.5	NA
93/09/08	0940	50	0.5	5.0	19.5	5.4	7.6	83	760	100	NA	NA
93/09/08	0941	50	4.5	5.0	19.5	5.4	7.4	80	760	100	NA	NA
93/09/08	1500	50	0.5	5.5	20.5	5.5	7.7	86	760	100	NA	NA
93/09/08	1501	50	5.0	5.5	20.5	5.5	7.7	86	760	100	NA	NA
93/09/22	1509	50	0.5	5.5	16.0	4.8	8.9	90	765	100	NA	NA
93/09/22	1510	50	5.0	5.5	16.0	4.8	8.9	90	765	100	NA	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
01408690 Toms River 0.2 miles downstream from Garden State Parkway												
92/10/29	1145	50	0.5	5.0	11.5	5.8	9.4	86	760	100	NA	NA
92/10/29	1135	50	5.0	5.0	11.0	5.9	9.3	85	760	100	NA	NA
92/10/29	1720	50	3.0	6.0	11.0	6.1	9.4	86	760	900	NA	NA
92/10/29	1710	50	5.0	6.0	11.0	6.2	9.4	86	760	900	NA	NA
92/12/02	0930	50	0.5	6.0	6.0	4.3	10.6	86	760	100	NA	NA
92/12/02	0931	50	3.5	6.0	6.0	4.3	10.6	86	760	100	NA	NA
92/12/02	0932	50	6.0	6.0	6.0	4.3	10.6	86	760	100	NA	NA
92/12/02	1503	50	0.5	6.5	7.0	4.6	10.9	90	760	100	NA	NA
92/12/02	1504	50	1.5	6.5	7.0	4.6	10.9	90	760	100	NA	NA
92/12/02	1505	50	3.5	6.5	7.0	4.6	10.9	90	760	100	NA	NA
92/12/02	1506	50	5.0	6.5	7.0	4.6	10.9	90	760	100	NA	NA
92/12/02	1507	50	6.5	6.5	7.0	4.6	10.9	90	760	100	NA	NA
93/06/09	1650	50	0.5	6.5	22.0	5.6	8.7	99	760	100	NA	NA
93/06/09	1651	50	6.0	6.5	21.5	5.5	8.7	99	760	100	NA	NA
93/07/08	1450	50	0.5	6.0	25.5	5.5	7.4	90	760	100	NA	NA
93/07/08	1451	50	5.0	6.0	25.0	5.5	7.3	88	760	100	NA	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
01408690 Toms River 0.2 miles downstream from Garden State Parkway (continued)												
93/08/03	0935	50	0.5	6.0	21.5	5.3	6.4	73	760	100	5.0	NA
93/08/03	0936	50	5.0	6.0	21.5	5.2	6.1	69	760	100	5.0	NA
93/08/24	0930	50	0.5	6.5	19.5	4.7	7.1	77	765	100	NA	NA
93/08/24	0931	50	6.0	6.5	19.5	4.6	7.4	81	765	100	NA	NA
93/09/08	0935	50	0.5	6.0	19.5	5.4	7.3	80	760	100	NA	NA
93/09/08	0936	50	5.0	6.0	19.5	5.4	7.5	82	760	100	NA	NA
93/09/08	1510	50	0.5	5.0	20.5	5.5	7.6	85	760	100	NA	NA
93/09/08	1511	50	4.5	5.0	20.5	5.5	7.6	85	760	100	NA	NA
93/09/22	1515	50	0.5	6.0	16.0	4.8	8.9	90	765	100	NA	NA
93/09/22	1516	50	5.0	6.0	16.0	4.8	8.9	90	765	100	NA	NA
93/10/28	0932	50	0.5	7.0	12.0	4.7	8.2	77	755	100	NA	NA
93/10/28	0933	50	6.5	7.0	12.0	4.7	8.4	79	755	100	NA	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
					01408695 Toms River near South Toms River							
92/10/29	1120	50	0.5	7.0	11.5	7.2	9.1	84	760	1,040	NA	NA
92/10/29	1110	50	3.5	7.0	11.5	7.3	8.3	80	760	13,100	NA	NA
92/10/29	1100	50	7.0	7.0	12.0	7.6	7.5	77	760	26,300	NA	NA
92/10/29	1635	50	4.0	8.0	11.5	6.1	9.5	88	760	1,110	NA	NA
92/10/29	1650	50	7.0	8.0	12.0	7.2	8.1	83	760	27,600	NA	NA
92/12/02	0940	50	0.5	7.0	6.0	4.3	10.4	84	760	100	NA	NA
92/12/02	0941	50	3.5	7.0	6.0	4.3	10.4	84	760	100	NA	NA
92/12/02	0942	50	6.5	7.0	6.0	4.3	10.4	84	760	100	NA	NA
92/12/02	1440	50	0.5	6.5	7.0	4.7	10.8	89	760	100	NA	NA
92/12/02	1441	50	1.5	6.5	7.0	4.7	10.8	89	760	100	NA	NA
92/12/02	1442	50	3.5	6.5	7.0	4.8	10.8	89	760	100	NA	NA
92/12/02	1443	50	5.0	6.5	7.0	5.1	10.7	88	760	300	NA	NA
92/12/02	1444	50	6.5	6.5	7.5	5.6	9.8	85	760	9,820	NA	NA
93/05/25	1000	10	0.5	5.5	17.5	5.3	7.9	82	760	100	NA	NA
93/05/25	1001	10	5.0	5.5	17.5	5.3	7.9	82	760	100	NA	NA
93/05/25	0950	50	0.5	5.5	17.5	5.3	7.6	80	760	100	NA	NA
93/05/25	0951	50	1.5	5.5	17.5	5.3	7.9	83	760	100	NA	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
01408695 Toms River near South Toms River (continued)												
93/05/25	0952	50	6.0	5.5	17.5	5.3	8.0	84	760	100	NA	NA
93/06/09	1015	50	0.5	6.0	18.5	5.6	7.9	85	760	100	5.0	NA
93/06/09	1016	50	5.0	6.0	18.5	5.6	8.1	87	760	100	5.0	NA
93/06/09	1640	50	0.5	7.0	22.0	5.6	8.6	99	760	100	NA	NA
93/06/09	1641	50	1.5	7.0	22.0	5.7	8.7	100	760	100	NA	NA
93/06/09	1642	50	3.5	7.0	22.0	5.8	8.5	98	760	100	NA	NA
93/06/09	1643	50	5.0	7.0	22.0	6.0	8.5	98	760	100	NA	NA
93/06/09	1644	50	7.0	7.0	22.0	6.4	8.3	96	760	2,160	NA	NA
93/06/23	0915	50	0.5	7.0	20.0	5.5	6.9	76	765	100	3.5	NA
93/06/23	0916	50	6.5	7.0	20.0	5.5	6.9	76	765	100	3.5	NA
93/06/23	1555	50	0.5	7.0	22.5	5.7	8.2	94	765	100	NA	NA
93/06/23	1556	50	6.0	7.0	22.5	5.7	8.2	94	765	100	NA	NA
93/07/08	1440	50	0.5	6.0	27.5	5.6	6.8	86	760	100	3.5	NA
93/07/08	1441	50	1.5	6.0	24.5	5.6	7.0	84	760	100	3.5	NA
93/07/08	1442	50	3.5	6.0	24.5	5.8	6.6	80	760	400	3.5	NA
93/07/08	1443	50	5.0	6.0	25.5	6.6	5.3	67	760	8,890	3.5	NA
93/07/08	1444	50	5.0	6.0	26.0	6.7	4.6	59	760	11,900	3.5	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
					01408695 Toms River near South Toms River (continued)							
93/08/03	0925	50	0.5	9.0	22.5	5.4	5.6	65	760	100	5.0	NA
93/08/03	0926	50	8.0	9.0	22.0	5.4	5.8	66	760	100	5.0	NA
93/08/24	0940	50	0.5	6.5	20.0	4.7	6.5	71	765	100	NA	NA
93/08/24	0941	50	6.0	6.5	20.0	4.6	6.6	72	765	100	NA	NA
93/09/08	0925	50	0.5	6.0	19.5	5.4	6.3	69	760	100	NA	NA
93/09/08	0926	50	5.0	6.0	19.5	5.4	6.5	71	760	100	NA	NA
93/09/08	1515	50	0.5	8.0	20.5	5.5	7.4	83	760	100	NA	NA
93/09/08	1516	50	7.0	8.0	20.5	5.5	7.3	81	760	100	NA	NA
93/09/22	1520	50	0.5	7.0	16.0	4.8	8.8	89	765	100	NA	NA
93/09/22	1521	50	6.5	7.0	16.0	4.8	8.8	89	765	100	NA	NA
93/10/28	0942	50	0.5	9.0	12.5	4.7	8.1	76	755	100	NA	NA
93/10/28	0943	50	8.5	9.0	12.5	4.6	8.1	76	755	100	NA	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
					01408700 Toms River at Toms River							
92/10/29	1025	75	0.5	4.0	10.5	7.1	8.9	83	760	10,100	NA	1.12
92/10/29	1020	75	2.0	4.0	12.5	7.6	7.8	81	760	26,900	NA	1.12
92/10/29	1015	75	4.0	4.0	12.5	7.4	7.4	78	760	28,800	NA	1.12
92/10/29	1420	75	0.5	4.5	12.0	7.7	9.1	85	760	1,610	NA	1.68
92/10/29	1620	75	2.0	4.5	12.0	6.8	9.1	85	760	600	NA	1.58
92/10/29	1410	75	2.5	4.5	13.5	7.5	7.6	81	760	27,600	NA	1.68
92/10/29	1400	75	4.5	4.5	13.0	7.1	7.4	78	760	28,700	NA	1.68
92/12/02	1000	75	0.5	4.0	6.0	4.8	10.2	83	760	100	3.5	1.18
92/12/02	1001	75	1.5	4.0	6.0	4.9	10.1	82	760	100	3.5	1.18
92/12/02	1002	75	4.0	4.0	7.5	5.6	8.4	76	760	18,400	3.5	1.18
92/12/02	1530	75	0.5	4.5	7.0	6.5	10.6	88	760	1,330	NA	1.69
92/12/02	1531	75	1.5	4.5	7.0	6.9	10.6	89	760	2,600	NA	1.69
92/12/02	1532	75	3.5	4.5	10.0	6.4	8.8	87	760	28,700	NA	1.69
92/12/02	1533	75	4.5	4.5	10.0	5.8	7.8	78	760	30,300	NA	1.69
92/12/21	0900	25	0.5	4.5	5.0	4.1	11.1	86	770	100	3.5	NA
92/12/21	0901	25	1.5	4.5	5.0	4.1	11.2	87	770	100	3.5	NA
92/12/21	0902	25	3.5	4.5	5.0	4.1	11.5	89	770	100	3.5	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
					01408700 Toms River at Toms River (continued)							
92/12/21	1515	25	0.5	3.5	5.5	4.2	11.1	87	770	200	NA	NA
92/12/21	1516	25	1.5	3.5	5.5	4.2	11.2	87	770	100	NA	NA
92/12/21	1517	25	3.5	3.5	5.5	4.3	11.4	89	770	200	NA	NA
92/12/21	0850	75	0.5	3.5	5.0	4.1	11.2	86	770	100	>3.5	1.02
92/12/21	0851	75	1.5	3.5	5.0	4.1	11.3	87	770	100	>3.5	1.02
92/12/21	0852	75	3.5	3.5	5.0	4.1	11.5	89	770	100	>3.5	1.02
92/12/21	1500	75	0.5	3.5	5.5	4.3	11.4	89	770	200	NA	0.60
92/12/21	1501	75	1.5	3.5	5.5	4.3	11.6	91	770	200	NA	0.60
92/12/21	1502	75	3.5	3.5	5.5	4.3	12.4	97	770	200	NA	0.60
93/01/20	0900	25	0.5	4.5	2.5	4.3	12.6	91	775	100	4.0	0.72
93/01/20	0901	25	1.5	4.5	2.5	4.3	12.6	91	775	100	4.0	0.72
93/01/20	0902	25	3.5	4.5	2.5	4.3	12.6	91	775	100	4.0	0.72
93/01/20	1403	25	0.5	4.5	4.0	4.7	12.3	92	775	100	>4.5	NA
93/01/20	1404	25	1.5	4.5	4.0	4.7	12.3	92	775	100	>4.5	NA
93/01/20	1405	25	3.5	4.5	4.0	4.8	12.5	93	775	100	>4.5	NA
93/01/20	0840	75	0.5	4.0	2.5	4.4	12.6	91	775	100	>4.0	0.72
93/01/20	0841	75	1.5	4.0	2.5	4.5	12.7	91	775	200	>4.0	0.72
93/01/20	0842	75	3.5	4.0	2.5	5.6	12.9	95	775	3,090	>4.0	0.72

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
01408700 Toms River at Toms River (continued)												
93/01/20	1350	75	0.5	4.5	3.5	4.7	12.3	92	775	100	>5.0	0.50
93/01/20	1351	75	1.5	4.5	3.5	4.8	12.3	92	775	100	>5.0	0.50
93/01/20	1352	75	2.5	4.5	3.5	5.0	12.2	91	775	100	>5.0	0.50
93/01/20	1353	75	4.0	4.5	3.5	5.1	12.3	92	775	100	>5.0	0.50
93/02/11	0845	25	0.5	4.5	4.0	5.4	12.0	90	770	100	>5.0	NA
93/02/11	0846	25	1.5	4.5	4.0	5.4	12.0	90	770	100	>5.0	NA
93/02/11	0847	25	3.5	4.5	4.0	5.5	12.1	91	770	100	>5.0	NA
93/02/11	0848	25	4.5	4.5	4.0	5.7	12.1	91	770	100	>5.0	NA
93/02/11	1510	25	0.5	4.0	5.5	5.5	12.2	96	770	100	>4.0	NA
93/02/11	1511	25	1.5	4.0	5.5	5.5	12.2	96	770	100	>4.0	NA
93/02/11	1512	25	3.5	4.0	5.5	5.8	12.3	97	770	100	>4.0	NA
93/02/11	0830	75	0.5	4.0	4.0	5.4	12.2	92	770	100	>4.0	0.94
93/02/11	0831	75	1.5	4.0	4.0	5.4	12.2	92	770	100	>4.0	0.94
93/02/11	0832	75	3.5	4.0	4.0	5.5	12.3	92	770	100	>4.0	0.94
93/02/11	0833	75	4.0	4.0	3.5	5.5	12.7	95	770	100	>4.0	0.94
93/02/11	1500	75	0.5	4.0	5.5	5.5	12.3	96	770	100	>4.0	2.22
93/02/11	1501	75	1.5	4.0	5.5	5.5	12.4	97	770	100	>4.0	2.22
93/02/11	1502	75	3.5	4.0	5.5	5.9	12.6	99	770	100	>4.0	2.22

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
					01408700 Toms River at Toms River (continued)							
93/03/23	0835	25	0.5	4.5	5.0	4.4	11.7	91	775	100	>4.5	NA
93/03/23	0836	25	1.5	4.5	5.0	4.4	11.9	92	775	100	>4.5	NA
93/03/23	0837	25	3.5	4.5	5.0	4.4	12.4	96	775	100	>4.5	NA
93/03/23	1520	25	0.5	4.0	6.5	4.5	11.8	94	775	100	NA	NA
93/03/23	1521	25	1.5	4.0	6.5	4.5	11.9	95	775	100	NA	NA
93/03/23	1522	25	3.5	4.0	6.5	4.6	12.2	97	775	100	NA	NA
93/03/23	0820	75	0.5	3.5	5.0	4.4	11.7	91	775	100	>3.5	0.75
93/03/23	0821	75	1.5	3.5	5.0	4.4	11.8	91	775	100	>3.5	0.75
93/03/23	0822	75	3.5	3.5	5.0	4.4	11.9	92	775	100	>3.5	0.75
93/03/23	1510	75	0.5	7.0	6.5	4.5	11.8	94	775	100	NA	0.70
93/03/23	1511	75	1.5	7.0	6.5	4.5	11.8	94	775	100	NA	0.70
93/03/23	1512	75	3.5	7.0	6.5	4.5	11.8	94	775	100	NA	0.70
93/03/23	1513	75	5.0	7.0	6.5	4.5	11.9	95	775	100	NA	0.70
93/03/23	1514	75	6.5	7.0	6.5	4.6	12.5	100	775	100	NA	0.70
93/04/05	0940	25	0.5	5.5	7.5	4.2	10.7	88	770	100	3.0	NA
93/04/05	0941	25	1.5	5.5	7.5	4.2	10.8	89	770	100	3.0	NA
93/04/05	0942	25	3.5	5.5	7.5	4.2	10.9	90	770	100	3.0	NA
93/04/05	0943	25	5.0	5.5	7.5	4.3	11.3	93	770	100	3.0	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
					01408700 Toms River at Toms River (continued)							
93/04/05	1525	25	0.5	5.0	9.5	4.3	11.1	96	770	100	NA	NA
93/04/05	1526	25	5.0	5.0	9.5	4.3	11.3	98	770	100	NA	NA
93/04/05	0930	75	0.5	5.0	7.5	4.3	10.7	88	770	100	3.0	1.75
93/04/05	0931	75	2.5	5.0	7.5	4.3	10.8	89	770	100	3.0	1.75
93/04/05	0932	75	4.0	5.0	7.5	4.3	11.2	92	770	100	3.0	1.75
93/04/05	1515	75	0.5	4.5	9.5	4.3	11.0	95	770	100	3.5	1.54
93/04/05	1516	75	4.5	4.5	9.5	4.3	11.1	96	770	100	3.5	1.54
93/04/27	1050	25	0.5	5.5	14.0	4.5	9.4	91	765	100	4.0	NA
93/04/27	1051	25	1.5	5.5	14.0	4.5	9.4	91	765	100	4.0	NA
93/04/27	1052	25	3.5	5.5	14.0	4.5	9.4	91	765	100	4.0	NA
93/04/27	1053	25	5.0	5.5	14.0	4.6	9.5	91	765	100	4.0	NA
93/04/27	1640	25	0.5	5.0	16.5	4.5	10.1	103	765	100	NA	NA
93/04/27	1641	25	4.5	5.0	16.5	4.6	10.1	103	765	100	NA	NA
93/04/27	1030	75	0.5	4.0	13.5	4.5	9.3	89	765	100	NA	0.50
93/04/27	1031	75	1.5	4.0	13.5	4.6	9.4	90	765	100	NA	0.50
93/04/27	1032	75	3.5	4.0	13.5	4.8	9.5	91	765	100	NA	0.50
93/04/27	1630	75	0.5	4.5	16.5	4.5	10.0	102	765	100	NA	1.10
93/04/27	1631	75	3.5	4.5	16.5	4.8	10.1	103	765	100	NA	1.10

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
					01408700 Toms River at Toms River (continued)							
93/05/11	1050	25	0.5	5.0	18.0	5.1	8.3	88	760	100	3.0	NA
93/05/11	1051	25	1.5	5.0	18.0	5.1	8.2	87	760	100	3.0	NA
93/05/11	1052	25	3.5	5.0	18.0	5.1	8.3	88	760	100	3.0	NA
93/05/11	1053	25	4.5	5.0	18.0	5.1	8.4	89	760	100	3.0	NA
93/05/11	1720	25	0.5	5.0	21.5	5.2	8.9	101	760	100	NA	NA
93/05/11	1721	25	1.5	5.0	21.5	5.2	9.0	102	760	100	NA	NA
93/05/11	1722	25	3.5	5.0	21.5	5.2	9.0	102	760	100	NA	NA
93/05/11	1723	25	4.5	5.0	21.5	5.4	9.2	105	760	100	NA	NA
93/05/11	1040	75	0.5	4.5	18.0	5.1	8.1	86	760	200	3.0	1.29
93/05/11	1041	75	1.5	4.5	18.0	5.2	8.1	86	760	200	3.0	1.29
93/05/11	1042	75	3.5	4.5	18.0	5.2	8.3	88	760	200	3.0	1.29
93/05/11	1700	75	0.5	5.0	21.5	5.4	8.9	101	760	400	NA	1.69
93/05/11	1701	75	1.5	5.0	21.5	5.5	8.8	100	760	400	NA	1.69
93/05/11	1702	75	3.5	5.0	21.0	6.5	8.4	95	760	1,230	NA	1.69
93/05/11	1703	75	4.5	5.0	21.0	6.6	5.0	59	760	15,600	NA	1.69
93/05/25	1020	25	0.5	5.0	17.5	5.4	7.6	80	760	100	NA	NA
93/05/25	1021	25	1.5	5.0	17.5	5.3	7.7	81	760	100	NA	NA
93/05/25	1022	25	3.5	5.0	17.5	5.3	7.7	81	760	100	NA	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
					01408700 Toms River at Toms River (continued)							
93/05/25	1023	25	4.5	5.0	17.5	5.3	7.8	82	760	100	NA	NA
93/05/25	1540	25	0.5	5.0	20.5	5.5	8.4	93	760	100	3.5	NA
93/05/25	1541	25	1.5	5.0	20.5	5.5	8.4	93	760	100	3.5	NA
93/05/25	1542	25	3.5	5.0	20.5	5.6	8.4	93	760	100	3.5	NA
93/05/25	1543	25	4.5	5.0	20.5	5.8	8.6	96	760	100	3.5	NA
93/05/25	1035	75	0.5	4.5	17.5	5.4	7.7	81	760	100	NA	1.40
93/05/25	1036	75	1.5	4.5	17.5	5.4	7.7	81	760	100	NA	1.40
93/05/25	1037	75	3.5	4.5	17.5	5.4	7.7	81	760	100	NA	1.40
93/05/25	1038	75	4.0	4.5	17.5	5.4	8.0	84	760	100	NA	1.40
93/05/25	1550	75	0.5	4.5	20.0	5.6	8.4	93	760	300	2.5	1.48
93/05/25	1551	75	1.5	4.5	20.0	5.7	8.3	92	760	500	2.5	1.48
93/05/25	1552	75	3.5	4.5	20.0	5.8	8.3	92	760	700	2.5	1.48
93/05/25	1553	75	4.0	4.5	20.0	6.0	8.0	89	760	1,890	2.5	1.48
93/06/09	1050	25	0.5	4.5	19.0	5.6	7.9	85	760	100	>4.5	NA
93/06/09	1051	25	1.5	4.5	19.0	5.6	7.9	85	760	100	>4.5	NA
93/06/09	1052	25	3.5	4.5	19.0	5.6	8.0	86	760	100	>4.5	NA
93/06/09	1105	75	0.5	4.5	19.0	5.6	7.9	85	760	100	3.0	1.22
93/06/09	1106	75	1.5	4.5	18.5	5.6	7.9	85	760	100	3.0	1.22

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
					01408700 Toms River at Toms River (continued)							
93/06/09	1107	75	4.0	4.5	18.5	5.6	7.9	85	760	100	3.0	1.22
93/06/09	1700	25	0.5	4.0	21.5	5.8	8.6	98	760	400	NA	NA
93/06/09	1701	25	1.5	4.0	21.5	5.9	8.5	97	760	900	NA	NA
93/06/09	1702	25	3.5	4.0	21.5	6.0	8.5	97	760	1,050	NA	NA
93/06/09	1710	75	0.5	5.0	22.0	6.2	8.6	99	760	1,660	NA	1.72
93/06/09	1711	75	1.5	5.0	22.0	6.5	8.6	99	760	2,570	NA	1.72
93/06/09	1712	75	3.5	5.0	21.5	6.8	8.6	99	760	4,290	NA	1.72
93/06/09	1713	75	4.5	5.0	21.0	7.2	7.4	89	760	17,900	NA	1.72
93/06/23	0950	25	0.5	4.0	20.0	5.6	7.2	79	765	100	3.5	NA
93/06/23	0951	25	1.5	4.0	20.0	5.5	7.0	77	765	100	3.5	NA
93/06/23	0952	25	3.5	4.0	20.0	5.5	7.2	79	765	100	3.5	NA
93/06/23	1000	75	0.5	4.0	20.0	5.6	7.0	77	765	100	NA	0.90
93/06/23	1001	75	1.5	4.0	20.0	5.6	7.0	77	765	100	NA	0.90
93/06/23	1002	75	3.5	4.0	20.0	5.6	7.1	78	765	400	NA	0.90
93/06/23	1620	25	0.5	4.5	22.5	5.8	8.2	94	765	200	3.0	NA
93/06/23	1621	25	1.5	4.5	22.5	5.8	8.1	93	765	700	3.0	NA
93/06/23	1622	25	3.5	4.5	22.5	6.0	8.2	94	765	700	3.0	NA
93/06/23	1630	75	0.5	4.5	22.5	6.2	8.0	92	765	1,000	3.0	1.29

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
					01408700 Toms River at Toms River (continued)							
93/06/23	1631	75	1.5	4.5	22.5	6.6	7.5	87	765	3,090	3.0	1.29
93/06/23	1632	75	3.5	4.5	25.0	6.9	3.0	39	765	24,600	3.0	1.29
93/07/08	1510	25	0.5	5.0	26.0	5.7	6.6	82	760	200	2.5	NA
93/07/08	1511	25	1.5	5.0	26.0	6.4	6.6	82	760	1,070	2.5	NA
93/07/08	1512	25	3.5	5.0	27.5	6.9	2.7	38	760	25,400	2.5	NA
93/07/08	1513	25	4.0	5.0	27.5	6.7	2.2	31	760	26,500	2.5	NA
93/07/08	1525	75	0.5	5.0	27.0	6.7	6.1	80	760	11,900	1.5	1.76
93/07/08	1526	75	1.5	5.0	27.5	7.1	5.4	72	760	16,000	1.5	1.76
93/07/08	1527	75	3.5	5.0	27.5	7.1	3.1	43	760	27,100	1.5	1.76
93/07/08	1528	75	4.0	5.0	27.5	6.8	2.4	34	760	27,900	1.5	1.76
93/07/22	0950	75	0.5	4.5	20.5	4.9	6.7	75	760	100	2.5	1.36
93/07/22	0951	75	1.5	4.5	20.5	4.8	6.7	75	760	100	2.5	1.36
93/07/22	0952	75	3.5	4.5	20.5	4.8	7.3	81	760	100	2.5	1.36
93/07/22	1000	25	0.5	4.5	20.5	4.7	6.8	76	760	100	4.0	NA
93/07/22	1001	25	1.5	4.5	20.5	4.7	6.9	77	760	100	4.0	NA
93/07/22	1002	25	4.0	4.5	20.5	4.7	6.8	76	760	100	4.0	NA
93/07/22	1555	75	0.5	5.0	22.5	4.9	7.8	90	760	200	3.5	1.70

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
					01408700 Toms River at Toms River (continued)							
93/07/22	1556	75	1.5	5.0	22.5	5.0	7.8	90	760	400	3.5	1.70
93/07/22	1557	75	3.5	5.0	22.5	5.3	7.8	90	760	400	3.5	1.70
93/07/22	1558	75	4.5	5.0	24.5	6.8	4.1	54	760	25,400	3.5	1.70
93/07/22	1605	25	0.5	5.0	22.5	4.7	7.9	92	760	100	4.0	NA
93/07/22	1606	25	1.5	5.0	22.5	4.7	7.9	92	760	100	4.0	NA
93/07/22	1607	25	3.5	5.0	22.5	4.7	7.9	92	760	100	4.0	NA
93/07/22	1608	25	4.5	5.0	22.5	4.8	8.0	93	760	100	4.0	NA
93/08/03	1010	25	0.5	4.5	23.0	5.7	5.6	65	760	200	3.0	NA
93/08/03	1011	25	1.5	4.5	23.0	6.4	4.6	55	760	4,790	3.0	NA
93/08/03	1012	25	3.5	4.5	26.5	6.8	2.3	31	760	25,000	3.0	NA
93/08/03	1025	75	0.5	5.0	23.0	6.6	5.5	70	760	24,900	2.5	1.69
93/08/03	1026	75	1.5	5.0	26.5	7.2	5.0	68	760	24,900	2.5	1.69
93/08/03	1027	75	3.5	5.0	27.5	7.2	3.5	49	760	26,900	2.5	1.69
93/08/03	1028	75	4.5	5.0	27.0	6.8	3.0	41	760	27,000	2.5	1.69
93/08/24	1000	25	0.5	4.5	20.0	4.7	6.4	70	765	100	4.0	NA
93/08/24	1001	25	1.5	4.5	20.0	4.7	6.5	71	765	100	4.0	NA
93/08/24	1002	25	3.5	4.5	20.0	4.7	6.5	71	765	100	4.0	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
					01408700 Toms River at Toms River (continued)							
93/08/24	1003	25	4.0	4.5	20.0	4.7	6.5	71	765	100	4.0	NA
93/08/24	1010	75	0.5	4.5	20.0	4.8	6.4	70	765	100	3.0	1.54
93/08/24	1011	75	1.5	4.5	20.0	4.8	6.4	70	765	100	3.0	1.54
93/08/24	1012	75	3.5	4.5	20.0	4.8	6.4	70	765	100	3.0	1.54
93/08/24	1013	75	4.0	4.5	20.0	4.7	6.5	71	765	100	3.0	1.54
93/08/24	1550	25	0.5	5.5	22.0	5.0	7.4	85	765	200	3.5	NA
93/08/24	1551	25	1.5	5.5	22.0	5.1	7.4	85	765	200	3.5	NA
93/08/24	1552	25	3.5	5.5	22.5	5.8	7.1	82	765	1,980	3.5	NA
93/08/24	1553	25	5.0	5.5	24.5	6.7	4.7	59	765	15,900	3.5	NA
93/08/24	1600	75	0.5	5.0	22.0	5.9	7.0	81	765	1,760	2.0	1.90
93/08/24	1601	75	1.5	5.0	22.0	6.1	7.1	82	765	1,700	2.0	1.90
93/08/24	1602	75	3.5	5.0	23.0	6.3	6.9	81	765	2,290	2.0	1.90
93/08/24	1603	75	4.0	5.0	24.0	6.9	6.6	83	765	17,000	2.0	1.90
93/09/08	1000	25	0.5	5.0	19.5	5.5	6.6	72	760	100	NA	NA
93/09/08	1001	25	1.5	5.0	19.5	5.5	6.7	73	760	100	NA	NA
93/09/08	1002	25	3.5	5.0	19.5	5.5	6.7	73	760	100	NA	NA
93/09/08	1003	25	4.5	5.0	19.5	5.5	7.1	78	760	100	NA	NA
93/09/08	1005	75	0.5	5.0	19.5	5.6	6.4	70	760	300	NA	1.10

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
					01408700 Toms River at Toms River (continued)							
93/09/08	1006	75	1.5	5.0	19.5	5.6	6.3	69	760	300	NA	1.10
93/09/08	1007	75	3.5	5.0	20.0	5.7	6.3	69	760	500	NA	1.10
93/09/08	1008	75	4.5	5.0	20.0	5.8	6.2	68	760	1,030	NA	1.10
93/09/08	1525	25	0.5	4.5	20.5	5.9	7.4	83	760	500	NA	NA
93/09/08	1526	25	1.5	4.5	20.5	6.3	7.3	82	760	700	NA	NA
93/09/08	1527	25	3.5	4.5	23.5	6.7	4.9	60	760	12,200	NA	NA
93/09/08	1530	75	0.5	4.5	21.0	6.1	7.2	81	760	1,320	NA	1.66
93/09/08	1531	75	1.5	4.5	21.0	6.3	6.9	78	760	1,560	NA	1.66
93/09/08	1532	75	3.5	4.5	22.0	6.5	5.3	62	760	7,250	NA	1.66
93/09/22	1540	25	0.5	6.0	16.0	5.0	8.7	88	765	100	NA	NA
93/09/22	1541	25	1.5	6.0	16.0	5.1	8.7	88	765	100	NA	NA
93/09/22	1542	25	3.5	6.0	16.0	5.2	8.7	88	765	300	NA	NA
93/09/22	1543	25	5.0	6.0	16.5	6.0	8.3	86	765	3,500	NA	NA
93/09/22	1550	75	0.5	5.0	16.5	6.3	8.4	86	765	2,260	NA	1.72
93/09/22	1551	75	1.5	5.0	16.5	6.9	8.2	85	765	3,550	NA	1.72
93/09/22	1552	75	3.5	5.0	19.5	7.2	5.8	70	765	30,100	NA	1.72
93/09/22	1553	75	4.5	5.0	20.0	7.2	5.3	66	765	32,100	NA	1.72

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
					01408700 Toms River at Toms River (continued)							
93/10/28	1000	25	0.5	6.0	12.5	5.4	7.9	75	755	1,180	2.0	NA
93/10/28	1001	25	1.5	6.0	12.5	5.7	7.8	74	755	1,680	2.0	NA
93/10/28	1002	25	3.5	6.0	12.5	6.2	7.8	74	755	2,460	2.0	NA
93/10/28	1003	25	5.0	6.0	14.0	6.5	7.6	81	755	24,300	2.0	NA
93/10/28	1015	75	0.5	5.0	12.5	5.5	7.8	74	755	1,300	NA	2.48
93/10/28	1016	75	1.5	5.0	12.5	6.3	7.8	75	755	3,220	NA	2.48
93/10/28	1017	75	3.5	5.0	12.5	6.6	7.9	76	755	5,140	NA	2.48
93/10/28	1018	75	4.5	5.0	14.0	6.6	7.5	80	755	24,700	NA	2.48
93/10/28	1600	25	0.5	5.0	13.0	4.9	8.3	80	755	100	NA	NA
93/10/28	1601	25	1.5	5.0	13.0	4.9	8.3	80	755	100	NA	NA
93/10/28	1602	25	3.5	5.0	13.0	4.9	8.4	81	755	100	NA	NA
93/10/28	1603	25	4.5	5.0	13.0	5.0	8.7	84	755	100	NA	NA
93/10/28	1605	75	0.5	5.0	13.0	4.9	8.3	80	755	200	NA	1.94
93/10/28	1606	75	1.5	5.0	13.0	5.1	8.3	80	755	100	NA	1.94
93/10/28	1607	75	3.5	5.0	13.0	5.2	8.5	82	755	300	NA	1.94
93/10/28	1608	75	4.5	5.0	13.0	6.1	9.0	87	755	1,730	NA	1.94

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
01408719 Toms River at Cedar Point at South Toms River												
92/10/29	1338	50	0.5	7.0	13.0	NA	NA	NA	760	13,400	2.5	NA
92/10/29	1330	50	2.0	7.0	12.0	NA	NA	NA	760	31,300	2.5	NA
92/10/29	1325	50	4.0	7.0	11.5	NA	NA	NA	760	32,600	2.5	NA
92/10/29	1320	50	5.0	7.0	12.0	NA	NA	NA	760	32,700	2.5	NA
92/12/02	1030	50	0.5	6.0	7.0	6.7	10.1	85	760	5,950	NA	NA
92/12/02	1031	50	2.5	6.0	9.0	6.8	9.5	89	760	20,900	NA	NA
92/12/02	1032	50	4.0	6.0	9.5	6.5	8.1	81	760	31,100	NA	NA
92/12/02	1033	50	5.5	6.0	10.0	5.9	6.8	69	760	31,400	NA	NA
92/12/02	1550	50	0.5	6.0	7.5	7.4	10.6	91	760	5,900	NA	NA
92/12/02	1551	50	1.5	6.0	9.0	7.1	10.8	104	760	28,700	NA	NA
92/12/02	1552	50	3.5	6.0	9.0	6.8	10.3	101	760	29,900	NA	NA
92/12/02	1553	50	5.0	6.0	9.5	6.5	9.1	90	760	30,200	NA	NA
92/12/02	1554	50	5.5	6.0	9.5	5.8	9.0	90	760	30,800	NA	NA
92/12/21	0915	50	0.5	7.0	4.0	6.1	10.9	84	770	4,400	3.5	NA
92/12/21	0916	50	1.5	7.0	5.5	7.0	10.6	86	770	9,500	3.5	NA
92/12/21	0917	50	3.5	7.0	5.5	7.4	9.6	85	770	29,500	3.5	NA
92/12/21	0918	50	5.0	7.0	6.0	7.2	7.6	69	770	33,100	3.5	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
01408719 Toms River at Cedar Point at South Toms River (continued)												
92/12/21	0919	50	6.5	7.0	5.5	7.0	8.0	72	770	33,100	3.5	NA
92/12/21	1530	50	0.5	6.5	5.5	6.2	10.9	87	770	4,670	NA	NA
92/12/21	1531	50	1.5	6.5	5.5	7.0	10.8	87	770	7,660	NA	NA
92/12/21	1532	50	3.5	6.5	5.5	7.4	9.3	83	770	30,000	NA	NA
92/12/21	1533	50	5.0	6.5	6.0	7.0	8.2	74	770	33,000	NA	NA
93/01/20	0915	50	0.5	6.0	2.0	7.0	12.7	93	775	8,880	4.0	NA
93/01/20	0916	50	0.5	6.0	2.0	7.1	12.8	95	775	10,900	4.0	NA
93/01/20	0917	50	2.5	6.0	3.5	6.9	12.7	103	775	21,700	4.0	NA
93/01/20	0918	50	4.0	6.0	4.0	6.5	11.7	99	775	29,200	4.0	NA
93/01/20	0919	50	6.0	6.0	4.5	6.2	10.5	91	775	31,800	4.0	NA
93/01/20	1413	50	0.5	5.5	4.5	7.3	12.4	99	775	15,300	3.5	NA
93/01/20	1414	50	1.5	5.5	4.5	7.3	12.5	100	775	15,500	3.5	NA
93/01/20	1415	50	3.5	5.5	4.5	7.2	12.6	109	775	30,700	3.5	NA
93/01/20	1416	50	5.0	5.5	4.5	7.1	11.8	102	775	31,300	3.5	NA
93/02/11	0900	50	0.5	7.5	3.5	7.0	12.2	92	770	3,730	4.0	NA
93/02/11	0901	50	1.5	7.5	3.5	7.5	11.5	88	770	6,790	4.0	NA
93/02/11	0902	50	3.5	7.5	2.0	7.8	12.7	102	770	26,200	4.0	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
01408719 Toms River at Cedar Point at South Toms River (continued)												
93/02/11	0903	50	5.0	7.5	2.0	7.9	12.6	102	770	30,200	4.0	NA
93/02/11	0904	50	6.5	7.5	1.5	8.0	12.8	103	770	31,200	4.0	NA
93/02/11	0905	50	7.5	7.5	2.0	7.6	12.7	103	770	31,000	4.0	NA
93/02/11	1520	50	0.5	7.5	5.0	7.2	12.4	98	770	5,570	4.5	NA
93/02/11	1521	50	1.5	7.5	4.5	7.3	12.4	98	770	6,700	4.5	NA
93/02/11	1522	50	3.5	7.5	4.0	7.6	12.5	100	770	13,500	4.5	NA
93/02/11	1523	50	5.0	7.5	3.0	7.8	13.1	107	770	26,800	4.5	NA
93/02/11	1524	50	6.5	7.5	2.0	7.8	13.4	110	770	31,000	4.5	NA
93/03/23	0850	50	0.5	8.0	5.5	5.3	11.7	91	775	1,420	4.5	NA
93/03/23	0851	50	0.5	8.0	5.0	6.4	11.7	91	775	2,240	4.5	NA
93/03/23	0852	50	2.5	8.0	5.0	7.0	12.0	94	775	3,260	4.5	NA
93/03/23	0853	50	4.0	8.0	4.0	7.7	13.0	107	775	22,700	4.5	NA
93/03/23	0854	50	6.0	8.0	3.5	7.8	12.9	107	775	27,300	4.5	NA
93/03/23	0855	50	7.0	8.0	3.5	7.3	13.2	109	775	27,300	4.5	NA
93/03/23	1530	50	0.5	8.0	6.5	5.1	11.7	94	775	1,050	NA	NA
93/03/23	1531	50	1.5	8.0	6.5	5.1	11.7	94	775	1,090	NA	NA
93/03/23	1532	50	3.5	8.0	6.5	5.8	11.8	95	775	1,450	NA	NA
93/03/23	1533	50	5.0	8.0	6.5	6.4	11.9	95	775	1,950	NA	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
01408719 Toms River at Cedar Point at South Toms River (continued)												
93/03/23	1534	50	6.5	8.0	4.0	7.2	12.9	108	775	26,200	NA	NA
93/04/05	0955	50	0.5	8.0	7.5	6.6	10.4	87	770	2,900	3.0	NA
93/04/05	0956	50	2.5	8.0	7.5	7.0	10.3	87	770	4,630	3.0	NA
93/04/05	0957	50	4.0	8.0	8.5	7.4	10.1	92	770	19,000	3.0	NA
93/04/05	0958	50	5.5	8.0	8.5	7.4	9.8	91	770	23,700	3.0	NA
93/04/05	0959	50	7.0	8.0	8.5	7.0	9.7	90	770	24,200	3.0	NA
93/04/05	1550	50	0.5	8.0	10.0	5.4	10.6	93	770	2,090	NA	NA
93/04/05	1551	50	2.5	8.0	9.5	5.8	10.6	92	770	2,470	NA	NA
93/04/05	1552	50	4.0	8.0	9.0	6.2	10.0	87	770	4,380	NA	NA
93/04/05	1553	50	5.5	8.0	8.5	7.2	9.4	87	770	21,600	NA	NA
93/04/05	1554	50	7.0	8.0	8.5	7.1	9.2	86	770	23,900	NA	NA
93/04/27	1106	50	0.5	6.5	14.0	5.9	8.8	86	765	2,360	4.0	NA
93/04/27	1107	50	1.5	6.5	14.0	6.1	7.8	77	765	7,600	4.0	NA
93/04/27	1108	50	3.5	6.5	13.5	6.1	7.2	72	765	13,300	4.0	NA
93/04/27	1109	50	5.0	6.5	13.0	6.0	6.2	63	765	20,200	4.0	NA
93/04/27	1110	50	6.0	6.5	13.0	5.8	6.8	69	765	20,600	4.0	NA
93/04/27	1650	50	0.5	7.0	16.0	5.8	9.4	96	765	2,230	NA	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
01408719 Toms River at Cedar Point at South Toms River (continued)												
93/04/27	1651	50	1.5	7.0	16.0	5.8	9.0	92	765	4,300	NA	NA
93/04/27	1652	50	3.5	7.0	16.0	6.0	8.8	90	765	5,600	NA	NA
93/04/27	1653	50	5.0	7.0	13.5	5.9	7.1	72	765	15,700	NA	NA
93/04/27	1654	50	6.5	7.0	13.0	5.7	6.3	64	765	20,400	NA	NA
93/05/11	1115	50	0.5	8.0	20.0	6.6	7.8	88	760	7,680	4.0	NA
93/05/11	1116	50	1.5	8.0	20.0	6.6	7.8	88	760	7,730	4.0	NA
93/05/11	1117	50	3.5	8.0	20.0	6.8	7.6	86	760	9,050	4.0	NA
93/05/11	1118	50	5.0	8.0	20.0	7.0	4.8	57	760	20,200	4.0	NA
93/05/11	1119	50	6.5	8.0	19.5	7.0	4.8	57	760	20,400	4.0	NA
93/05/11	1120	50	7.0	8.0	19.5	6.8	5.0	59	760	20,400	4.0	NA
93/05/11	1730	50	0.5	8.0	21.0	6.9	7.5	88	760	11,900	NA	NA
93/05/11	1731	50	1.5	8.0	21.0	7.0	7.5	88	760	12,200	NA	NA
93/05/11	1732	50	3.5	8.0	21.0	7.1	7.4	87	760	13,000	NA	NA
93/05/11	1733	50	5.0	8.0	20.0	7.5	6.7	80	760	21,700	NA	NA
93/05/11	1734	50	6.5	8.0	20.0	7.5	6.7	80	760	22,300	NA	NA
93/05/11	1735	50	7.5	8.0	20.0	7.4	6.9	82	760	22,300	NA	NA
93/05/25	1045	50	0.5	8.0	18.5	6.7	7.9	86	760	6,300	NA	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
01408719 Toms River at Cedar Point at South Toms River (continued)												
93/05/25	1046	50	1.5	8.0	18.5	7.0	7.9	87	760	7,580	NA	NA
93/05/25	1047	50	3.5	8.0	19.0	7.0	6.4	75	760	21,100	NA	NA
93/05/25	1048	50	5.0	8.0	19.0	6.8	3.8	44	760	22,000	NA	NA
93/05/25	1049	50	6.5	8.0	19.0	6.7	3.4	40	760	22,400	NA	NA
93/05/25	1050	50	7.5	8.0	18.5	6.6	3.3	38	760	22,400	NA	NA
93/05/25	1605	50	0.5	8.0	20.0	7.0	7.5	87	760	14,600	2.5	NA
93/05/25	1606	50	1.5	8.0	20.0	7.0	7.5	87	760	14,600	2.5	NA
93/05/25	1607	50	3.5	8.0	20.5	7.0	7.4	87	760	15,100	2.5	NA
93/05/25	1608	50	5.0	8.0	19.0	7.0	4.7	55	760	22,500	2.5	NA
93/05/25	1609	50	6.5	8.0	19.0	7.0	5.0	59	760	23,600	2.5	NA
93/05/25	1610	50	7.5	8.0	19.0	6.8	5.1	60	760	23,600	2.5	NA
93/06/09	1115	50	0.5	8.0	20.5	7.0	8.2	93	760	6,000	3.0	NA
93/06/09	1116	50	1.5	8.0	21.0	7.6	8.9	103	760	9,300	3.0	NA
93/06/09	1117	50	3.5	8.0	21.0	8.2	10.5	127	760	20,300	3.0	NA
93/06/09	1118	50	5.0	8.0	21.0	7.6	7.3	88	760	21,200	3.0	NA
93/06/09	1119	50	6.5	8.0	20.0	6.8	4.3	51	760	21,800	3.0	NA
93/06/09	1120	50	7.0	8.0	20.0	6.7	4.2	50	760	22,000	3.0	NA
93/06/09	1720	50	0.5	8.0	23.5	8.1	10.9	135	760	15,700	NA	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
01408719 Toms River at Cedar Point at South Toms River (continued)												
93/06/09	1721	50	1.5	8.0	22.0	7.9	10.4	127	760	16,700	NA	NA
93/06/09	1722	50	3.5	8.0	21.0	7.7	8.2	99	760	21,500	NA	NA
93/06/09	1723	50	5.0	8.0	20.5	7.4	6.8	82	760	22,600	NA	NA
93/06/09	1724	50	6.5	8.0	20.5	7.4	7.3	88	760	22,700	NA	NA
93/06/09	1725	50	7.5	8.0	20.5	7.2	7.8	94	760	22,800	NA	NA
93/06/23	1010	50	0.5	7.0	23.0	7.0	5.8	71	765	14,000	5.0	NA
93/06/23	1011	50	1.5	7.0	23.5	7.1	5.3	66	765	16,500	5.0	NA
93/06/23	1012	50	3.5	7.0	25.0	7.4	4.3	57	765	26,400	5.0	NA
93/06/23	1013	50	5.0	7.0	25.0	7.2	2.5	33	765	27,700	5.0	NA
93/06/23	1014	50	6.5	7.0	25.0	7.1	2.4	32	765	28,300	5.0	NA
93/06/23	1645	50	0.5	7.5	25.0	7.4	7.0	89	765	17,100	2.0	NA
93/06/23	1646	50	1.5	7.5	25.5	7.6	7.2	94	765	20,400	2.0	NA
93/06/23	1647	50	3.5	7.5	25.0	7.6	5.2	69	765	25,700	2.0	NA
93/06/23	1648	50	5.0	7.5	25.0	7.5	3.4	45	765	28,000	2.0	NA
93/06/23	1649	50	7.0	7.5	25.0	7.1	2.7	36	765	28,200	2.0	NA
93/07/08	1545	50	0.5	6.5	29.5	7.5	7.7	107	760	18,300	1.5	NA
93/07/08	1546	50	1.5	6.5	29.5	7.7	8.1	114	760	21,900	1.5	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
01408719 Toms River at Cedar Point at South Toms River (continued)												
93/07/08	1547	50	3.5	6.5	27.5	7.1	2.1	30	760	29,500	1.5	NA
93/07/08	1548	50	5.0	6.5	27.5	7.2	2.8	40	760	30,300	1.5	NA
93/07/08	1549	50	6.0	6.5	27.5	7.1	2.9	41	760	30,400	1.5	NA
93/07/22	1020	50	0.5	7.5	22.0	6.6	6.3	74	760	6,780	3.0	NA
93/07/22	1021	50	1.5	7.5	22.5	6.8	6.2	75	760	11,500	3.0	NA
93/07/22	1022	50	3.5	7.5	25.0	7.6	6.4	86	760	28,800	3.0	NA
93/07/22	1023	50	5.0	7.5	25.0	7.2	3.0	40	760	30,100	3.0	NA
93/07/22	1024	50	7.0	7.5	24.5	6.8	0.5	7	760	32,000	3.0	NA
93/07/22	1620	50	0.5	8.0	24.0	7.2	7.2	91	760	16,600	2.5	NA
93/07/22	1621	50	1.5	8.0	24.5	7.4	7.2	93	760	18,500	2.5	NA
93/07/22	1622	50	3.5	8.0	25.0	7.4	4.5	61	760	30,600	2.5	NA
93/07/22	1623	50	5.0	8.0	25.0	7.3	2.8	38	760	31,100	2.5	NA
93/07/22	1624	50	6.5	8.0	25.0	7.3	2.5	34	760	31,100	2.5	NA
93/07/22	1625	50	7.5	8.0	25.0	7.2	2.5	34	760	31,200	2.5	NA
93/08/03	1040	50	0.5	7.5	25.5	7.0	6.4	80	760	5,000	2.0	NA
93/08/03	1041	50	1.5	7.5	27.5	7.7	6.9	96	760	26,700	2.0	NA
93/08/03	1042	50	3.5	7.5	27.5	7.5	5.6	78	760	27,100	2.0	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
01408719 Toms River at Cedar Point at South Toms River (continued)												
93/08/03	1043	50	5.0	7.5	27.0	7.2	3.1	43	760	27,500	2.0	NA
93/08/03	1044	50	7.0	7.5	27.0	6.9	2.2	31	760	27,500	2.0	NA
93/08/24	1025	50	0.5	7.5	22.0	6.4	6.8	78	765	1,900	2.5	NA
93/08/24	1026	50	1.5	7.5	23.0	6.7	7.2	86	765	9,920	2.5	NA
93/08/24	1027	50	3.5	7.5	25.5	7.0	4.8	62	765	20,100	2.5	NA
93/08/24	1028	50	5.0	7.5	25.5	7.0	4.8	63	765	22,100	2.5	NA
93/08/24	1029	50	7.0	7.5	25.0	6.6	1.4	18	765	22,400	2.5	NA
93/08/24	1610	50	0.5	8.0	25.5	7.0	8.6	108	765	8,800	2.0	NA
93/08/24	1611	50	1.5	8.0	25.5	7.1	8.6	108	765	8,850	2.0	NA
93/08/24	1612	50	3.5	8.0	25.5	7.2	8.6	108	765	10,200	2.0	NA
93/08/24	1613	50	5.0	8.0	25.5	7.3	5.9	77	765	21,100	2.0	NA
93/08/24	1614	50	6.5	8.0	25.5	7.2	4.1	54	765	22,200	2.0	NA
93/08/24	1615	50	7.0	8.0	25.5	7.0	3.5	46	765	22,300	2.0	NA
93/09/08	1020	50	0.5	6.5	21.5	6.6	6.5	75	760	5,410	NA	NA
93/09/08	1021	50	1.5	6.5	23.0	7.0	6.4	78	760	10,100	NA	NA
93/09/08	1022	50	3.5	6.5	27.0	7.2	5.9	81	760	25,600	NA	NA
93/09/08	1023	50	5.0	6.5	26.5	7.0	2.5	34	760	26,500	NA	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
01408719 Toms River at Cedar Point at South Toms River (continued)												
93/09/08	1024	50	6.0	6.5	26.5	6.9	2.0	27	760	26,700	NA	NA
93/09/08	1540	50	0.5	7.0	24.0	7.8	10.8	132	760	8,240	NA	NA
93/09/08	1541	50	1.5	7.0	24.0	8.0	11.0	136	760	10,400	NA	NA
93/09/08	1542	50	3.5	7.0	25.5	7.6	10.5	135	760	14,200	NA	NA
93/09/08	1543	50	5.0	7.0	27.0	7.4	4.7	64	760	25,500	NA	NA
93/09/08	1544	50	6.5	7.0	26.5	6.8	2.0	27	760	26,200	NA	NA
93/09/22	1555	50	0.5	8.0	18.5	7.4	7.9	88	765	12,600	NA	NA
93/09/22	1556	50	1.5	8.0	20.0	7.7	7.9	95	765	25,900	NA	NA
93/09/22	1557	50	3.5	8.0	19.5	7.6	6.6	81	765	32,900	NA	NA
93/09/22	1558	50	5.0	8.0	19.5	7.5	6.3	78	765	33,600	NA	NA
93/09/22	1559	50	6.5	8.0	19.5	7.5	6.5	80	765	33,700	NA	NA
93/09/22	1600	50	7.5	8.0	19.5	7.4	6.4	79	765	33,600	NA	NA
93/10/28	1025	50	0.5	9.0	13.0	7.3	8.0	81	755	15,000	3.0	NA
93/10/28	1026	50	1.5	9.0	13.5	7.4	8.0	84	755	21,400	3.0	NA
93/10/28	1027	50	3.5	9.0	13.5	7.5	7.8	83	755	23,200	3.0	NA
93/10/28	1028	50	5.0	9.0	14.0	7.6	7.8	84	755	26,000	3.0	NA
93/10/28	1029	50	6.5	9.0	14.0	7.6	8.2	89	755	27,300	3.0	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
					01408719 Toms River at Cedar Point at South Toms River (continued)							
93/10/28	1030	50	8.5	9.0	13.5	7.5	8.3	90	755	27,300	3.0	NA
93/10/28	1615	50	0.5	9.0	13.5	7.1	8.4	85	755	13,200	NA	NA
93/10/28	1616	50	1.5	9.0	13.5	7.5	8.6	88	755	13,900	NA	NA
93/10/28	1617	50	3.5	9.0	14.0	7.8	9.4	101	755	25,300	NA	NA
93/10/28	1618	50	5.0	9.0	14.0	7.8	9.4	102	755	28,400	NA	NA
93/10/28	1619	50	6.5	9.0	14.0	7.8	9.6	105	755	28,700	NA	NA
93/10/28	1620	50	8.0	9.0	14.0	7.5	9.5	104	755	29,000	NA	NA
					01408722 Toms River near Toms River							
92/10/29	1305	50	0.5	7.0	13.5	NA	NA	NA	760	23,900	NA	NA
92/10/29	1256	50	2.0	7.0	13.5	NA	NA	NA	760	24,800	NA	NA
92/10/29	1250	50	3.5	7.0	11.5	NA	NA	NA	760	32,300	NA	NA
92/10/29	1245	50	5.0	7.0	11.5	NA	NA	NA	760	33,300	NA	NA
92/12/02	1055	50	0.5	7.0	6.5	7.6	11.5	101	760	17,500	3.0	NA
92/12/02	1056	50	1.5	7.0	8.5	7.3	10.5	101	760	28,000	3.0	NA
92/12/02	1057	50	3.5	7.0	8.5	7.1	10.4	100	760	29,600	3.0	NA
92/12/02	1058	50	5.0	7.0	9.0	6.9	9.2	91	760	31,200	3.0	NA
92/12/02	1059	50	7.0	7.0	10.0	6.3	7.5	76	760	32,600	3.0	NA
92/12/02	1600	50	0.5	7.5	7.5	7.5	10.8	93	760	8,430	NA	NA
92/12/02	1601	50	1.5	7.5	8.5	7.3	11.0	104	760	24,800	NA	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
01408722 Toms River near Toms River (continued												
92/12/02	1602	50	3.5	7.5	8.5	7.3	10.6	102	760	29,700	NA	NA
92/12/02	1603	50	5.0	7.5	8.5	7.1	10.0	97	760	30,500	NA	NA
92/12/02	1604	50	6.5	7.5	9.5	6.5	7.4	74	760	32,300	NA	NA
92/12/21	0945	50	0.5	7.0	4.5	7.0	10.9	90	770	17,200	3.5	NA
92/12/21	0946	50	1.5	7.0	4.5	7.1	10.9	90	770	18,500	3.5	NA
92/12/21	0947	50	3.5	7.0	5.0	7.4	10.7	92	770	24,500	3.5	NA
92/12/21	0948	50	5.0	7.0	5.5	7.4	10.4	91	770	26,000	3.5	NA
92/12/21	0949	50	6.5	7.0	5.5	7.2	9.0	79	770	26,800	3.5	NA
92/12/21	1540	50	0.5	6.0	5.0	6.8	11.4	92	770	10,700	NA	NA
92/12/21	1541	50	1.5	6.0	5.5	7.3	10.8	92	770	21,300	NA	NA
92/12/21	1542	50	3.5	6.0	5.5	7.5	11.1	97	770	26,300	NA	NA
92/12/21	1543	50	5.0	6.0	5.5	7.6	9.2	82	770	30,800	NA	NA
93/01/20	0930	50	0.5	6.5	3.0	7.0	12.6	99	775	19,600	4.0	NA
93/01/20	0931	50	1.5	6.5	3.0	7.1	12.6	100	775	20,200	4.0	NA
93/01/20	0932	50	2.5	6.5	3.0	7.2	12.9	103	775	22,300	4.0	NA
93/01/20	0933	50	4.0	6.5	3.5	7.0	12.0	101	775	29,900	4.0	NA
93/01/20	0934	50	6.0	6.5	4.5	6.7	11.4	98	775	31,400	4.0	NA
93/01/20	1425	50	0.5	6.5	4.5	7.3	12.4	103	775	23,100	3.5	NA
93/01/20	1426	50	1.5	6.5	4.0	7.3	12.4	103	775	23,200	3.5	NA
93/01/20	1427	50	2.5	6.5	4.0	7.4	12.5	104	775	23,700	3.5	NA
93/01/20	1428	50	4.0	6.5	4.0	7.4	12.6	105	775	25,700	3.5	NA
93/01/20	1429	50	6.0	6.5	4.0	7.4	12.6	106	775	28,900	3.5	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
					01408722 Toms River near Toms River (continued)							
93/02/11	0915	50	0.5	7.0	3.0	7.6	12.6	101	770	22,000	4.0	NA
93/02/11	0916	50	1.5	7.0	3.0	7.6	12.6	101	770	22,000	4.0	NA
93/02/11	0917	50	3.5	7.0	3.0	7.7	12.6	101	770	22,000	4.0	NA
93/02/11	0918	50	5.0	7.0	2.5	7.8	12.6	102	770	25,900	4.0	NA
93/02/11	0919	50	6.5	7.0	1.5	7.9	12.8	103	770	31,600	4.0	NA
93/02/11	1530	50	0.5	7.0	3.5	7.6	12.6	102	770	20,100	4.5	NA
93/02/11	1531	50	1.5	7.0	3.5	7.6	12.6	102	770	20,100	4.5	NA
93/02/11	1532	50	3.5	7.0	3.5	7.6	12.6	102	770	20,800	4.5	NA
93/02/11	1533	50	5.0	7.0	3.5	7.7	12.8	104	770	20,800	4.5	NA
93/02/11	1534	50	6.5	7.0	3.0	7.9	12.8	105	770	27,200	4.5	NA
93/03/23	0910	50	0.5	7.0	5.0	7.0	12.0	95	775	6,240	4.5	NA
93/03/23	0911	50	1.5	7.0	5.0	7.4	12.2	96	775	6,280	4.5	NA
93/03/23	0912	50	2.5	7.0	5.0	7.7	13.1	110	775	22,500	4.5	NA
93/03/23	0913	50	4.0	7.0	5.0	7.7	13.3	112	775	24,900	4.5	NA
93/03/23	0914	50	6.0	7.0	3.5	7.6	14.0	116	775	27,400	4.5	NA
93/03/23	1545	50	0.5	6.5	6.0	6.8	12.0	96	775	6,000	NA	NA
93/03/23	1546	50	1.5	6.5	5.5	6.9	12.0	97	775	7,070	NA	NA
93/03/23	1547	50	2.5	6.5	5.5	7.2	12.1	98	775	8,290	NA	NA
93/03/23	1548	50	4.0	6.5	5.5	7.6	12.5	102	775	10,300	NA	NA
93/03/23	1549	50	6.0	6.5	4.0	7.6	13.8	115	775	27,200	NA	NA
93/04/05	1030	10	0.5	7.5	8.5	6.7	10.3	89	770	6,770	5.0	NA
93/04/05	1031	10	1.5	7.5	8.5	7.3	10.4	92	770	12,800	5.0	NA
93/04/05	1032	10	3.5	7.5	9.0	7.4	9.8	89	770	17,400	5.0	NA
93/04/05	1033	10	5.0	7.5	8.5	7.6	8.9	82	770	22,300	5.0	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
					01408722 Toms River near Toms River (continued)							
93/04/05	1034	10	6.5	7.5	8.5	7.6	9.4	87	770	24,400	5.0	NA
93/04/05	1010	90	0.5	8.0	7.5	6.7	10.4	87	770	4,480	4.0	NA
93/04/05	1011	90	2.5	8.0	7.5	7.0	10.7	91	770	6,530	4.0	NA
93/04/05	1012	90	4.0	8.0	8.5	7.4	9.8	89	770	19,300	4.0	NA
93/04/05	1013	90	5.5	8.0	8.5	7.3	9.5	88	770	24,000	4.0	NA
93/04/05	1014	90	7.0	8.0	8.5	7.0	10.2	94	770	24,000	4.0	NA
93/04/05	1020	50	0.5	7.5	8.5	6.9	10.2	88	770	7,150	4.0	NA
93/04/05	1021	50	1.5	7.5	8.5	7.2	10.2	91	770	14,500	4.0	NA
93/04/05	1022	50	3.5	7.5	8.5	7.6	10.4	94	770	16,500	4.0	NA
93/04/05	1023	50	5.0	7.5	8.5	7.7	10.3	95	770	23,800	4.0	NA
93/04/05	1024	50	6.5	7.5	8.5	7.4	10.4	96	770	24,600	4.0	NA
93/04/05	1605	50	0.5	7.0	10.5	6.6	10.4	94	770	6,860	NA	NA
93/04/05	1606	50	1.5	7.0	10.5	6.7	10.4	95	770	7,790	NA	NA
93/04/05	1607	50	3.5	7.0	10.5	6.8	10.3	94	770	8,390	NA	NA
93/04/05	1608	50	5.0	7.0	9.0	7.2	10.2	92	770	16,500	NA	NA
93/04/05	1609	50	6.5	7.0	8.5	7.3	9.1	85	770	24,300	NA	NA
93/04/27	1150	10	0.5	5.0	13.5	6.1	9.0	88	765	6,350	NA	NA
93/04/27	1151	10	1.5	5.0	13.5	6.1	9.0	88	765	6,370	NA	NA
93/04/27	1152	10	3.5	5.0	13.5	6.1	8.9	87	765	6,430	NA	NA
93/04/27	1153	10	4.5	5.0	13.5	6.1	8.4	82	765	8,150	NA	NA
93/04/27	1128	50	0.5	6.5	13.5	6.2	9.4	91	765	6,360	3.5	NA
93/04/27	1129	50	1.5	6.5	13.5	6.3	9.2	90	765	6,400	3.5	NA
93/04/27	1130	50	3.5	6.5	13.5	6.5	9.2	90	765	6,400	3.5	NA
93/04/27	1131	50	5.0	6.5	13.0	6.4	7.6	76	765	15,000	3.5	NA
93/04/27	1132	50	6.0	6.5	13.0	6.1	7.7	79	765	23,400	3.5	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
					01408722 Toms River near Toms River (continued)							
93/04/27	1706	50	0.5	7.0	14.5	6.2	9.6	97	765	7,000	NA	NA
93/04/27	1707	50	1.5	7.0	14.5	6.2	9.6	97	765	7,020	NA	NA
93/04/27	1708	50	3.5	7.0	14.5	6.3	9.6	97	765	7,020	NA	NA
93/04/27	1709	50	5.0	7.0	14.5	6.2	9.0	91	765	9,550	NA	NA
93/04/27	1710	50	6.5	7.0	13.0	5.9	7.5	77	765	22,000	NA	NA
93/04/27	1140	90	0.5	5.0	13.5	6.2	9.5	93	765	6,740	3.5	NA
93/04/27	1141	90	1.5	5.0	13.5	6.2	9.5	93	765	6,760	3.5	NA
93/04/27	1142	90	3.5	5.0	13.5	6.2	9.5	93	765	6,800	3.5	NA
93/04/27	1143	90	5.0	5.0	13.5	6.2	9.5	93	765	6,900	3.5	NA
93/05/11	1205	10	0.5	9.0	20.5	7.0	7.5	88	760	13,000	3.0	NA
93/05/11	1206	10	1.5	9.0	20.5	7.0	7.5	88	760	13,000	3.0	NA
93/05/11	1207	10	3.5	9.0	20.5	7.0	7.4	86	760	13,000	3.0	NA
93/05/11	1208	10	5.0	9.0	20.0	7.3	6.7	80	760	20,700	3.0	NA
93/05/11	1209	10	6.5	9.0	20.0	7.1	4.9	58	760	21,700	3.0	NA
93/05/11	1210	10	8.0	9.0	19.5	6.9	3.9	46	760	22,300	3.0	NA
93/05/11	1150	50	0.5	7.0	22.0	7.3	8.5	102	760	13,700	4.0	NA
93/05/11	1151	50	1.5	7.0	22.0	7.3	8.4	101	760	13,800	4.0	NA
93/05/11	1152	50	3.5	7.0	21.5	7.4	8.0	96	760	15,500	4.0	NA
93/05/11	1153	50	5.0	7.0	20.0	7.6	6.9	82	760	22,600	4.0	NA
93/05/11	1154	50	6.5	7.0	20.0	7.4	6.9	82	760	22,600	4.0	NA
93/05/11	1130	90	0.5	4.5	22.0	7.0	8.5	101	760	12,000	NA	NA
93/05/11	1131	90	1.5	4.5	21.0	7.0	8.2	97	760	13,700	NA	NA
93/05/11	1132	90	3.5	4.5	19.5	6.8	3.7	44	760	20,500	NA	NA
93/05/11	1133	90	4.0	4.5	19.5	6.6	3.9	46	760	20,700	NA	NA
93/05/11	1745	50	0.5	7.5	23.0	7.6	8.8	108	760	14,900	NA	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
					01408722 Toms River near Toms River (continued)							
93/05/11	1746	50	1.5	7.5	23.0	7.6	8.8	108	760	14,900	NA	NA
93/05/11	1747	50	3.5	7.5	22.5	7.6	8.5	104	760	15,300	NA	NA
93/05/11	1748	50	5.0	7.5	20.5	7.7	7.6	91	760	21,300	NA	NA
93/05/11	1749	50	6.5	7.5	20.0	7.7	7.6	91	760	22,300	NA	NA
93/05/25	1100	50	0.5	8.0	19.0	7.1	8.2	93	760	14,000	NA	NA
93/05/25	1101	50	1.5	8.0	19.0	7.2	8.2	94	760	14,800	NA	NA
93/05/25	1102	50	3.5	8.0	19.5	7.2	6.6	77	760	21,400	NA	NA
93/05/25	1103	50	5.0	8.0	19.0	7.1	5.5	65	760	23,300	NA	NA
93/05/25	1104	50	6.5	8.0	19.0	7.0	5.0	59	760	23,700	NA	NA
93/05/25	1105	50	7.0	8.0	18.5	6.6	5.2	61	760	23,800	NA	NA
93/05/25	1620	50	0.5	7.5	22.0	7.7	8.8	108	760	19,900	3.0	NA
93/05/25	1621	50	1.5	7.5	22.0	7.7	8.8	108	760	20,100	3.0	NA
93/05/25	1622	50	3.5	7.5	21.0	7.6	8.5	103	760	20,500	3.0	NA
93/05/25	1623	50	5.0	7.5	19.5	7.7	7.3	87	760	24,400	3.0	NA
93/05/25	1624	50	6.5	7.5	19.5	7.6	7.4	89	760	25,900	3.0	NA
93/06/09	1135	50	0.5	7.5	23.0	7.5	9.4	115	760	12,000	2.5	NA
93/06/09	1136	50	1.5	7.5	22.0	8.5	11.6	142	760	17,900	2.5	NA
93/06/09	1137	50	3.5	7.5	21.5	8.5	11.5	140	760	20,100	2.5	NA
93/06/09	1138	50	5.0	7.5	21.0	8.3	10.2	124	760	21,500	2.5	NA
93/06/09	1139	50	7.0	7.5	20.0	7.3	5.6	67	760	23,400	2.5	NA
93/06/09	1740	50	0.5	8.0	23.0	8.4	10.9	135	760	17,900	NA	NA
93/06/09	1741	50	1.5	8.0	23.0	8.4	11.1	138	760	18,300	NA	NA
93/06/09	1742	50	3.5	8.0	23.0	8.4	11.4	142	760	19,400	NA	NA
93/06/09	1743	50	5.0	8.0	20.5	8.1	8.6	104	760	23,400	NA	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
					01408722 Toms River near Toms River (continued)							
93/06/09	1744	50	6.5	8.0	20.0	8.0	8.4	101	760	24,100	NA	NA
93/06/09	1745	50	7.0	8.0	20.0	7.8	8.6	104	760	24,100	NA	NA
93/06/23	1030	50	0.5	7.0	23.5	7.6	6.8	85	765	20,000	2.0	NA
93/06/23	1031	50	1.5	7.0	23.5	7.6	6.9	87	765	20,000	2.0	NA
93/06/23	1032	50	3.5	7.0	23.5	7.7	6.9	87	765	20,100	2.0	NA
93/06/23	1033	50	5.0	7.0	23.5	7.8	7.4	93	765	21,600	2.0	NA
93/06/23	1034	50	6.5	7.0	25.0	7.4	3.4	45	765	28,500	2.0	NA
93/06/23	1035	50	0.5	5.5	23.5	7.8	7.2	91	765	21,600	2.0	NA
93/06/23	1036	50	1.5	5.5	23.5	7.8	7.2	91	765	21,600	2.0	NA
93/06/23	1037	50	3.5	5.5	23.5	7.9	7.2	91	765	22,300	2.0	NA
93/06/23	1038	50	5.0	5.5	24.5	7.7	5.4	70	765	24,800	2.0	NA
93/06/23	1655	50	0.5	7.0	25.0	8.2	8.6	111	765	21,000	1.5	NA
93/06/23	1656	50	1.5	7.0	25.0	8.2	8.6	111	765	21,000	1.5	NA
93/06/23	1657	50	3.5	7.0	25.0	8.2	8.6	111	765	21,100	1.5	NA
93/06/23	1658	50	5.0	7.0	25.0	8.2	8.0	104	765	22,400	1.5	NA
93/06/23	1659	50	6.5	7.0	25.0	7.6	3.7	49	765	27,400	1.5	NA
93/06/23	1705	50	0.5	7.0	25.5	8.2	8.7	113	765	21,200	2.0	NA
93/06/23	1706	50	1.5	7.0	25.5	8.2	8.8	115	765	21,400	2.0	NA
93/06/23	1707	50	3.5	7.0	25.5	8.2	8.9	116	765	21,500	2.0	NA
93/06/23	1708	50	5.0	7.0	25.0	8.3	8.9	116	765	22,400	2.0	NA
93/06/23	1709	50	6.0	7.0	25.5	8.2	7.5	99	765	24,300	2.0	NA
93/07/08	1600	50	0.5	7.0	30.5	8.1	9.0	129	760	19,900	2.0	NA
93/07/08	1601	50	1.5	7.0	30.5	8.1	8.8	126	760	20,900	2.0	NA
93/07/08	1602	50	3.5	7.0	28.5	7.7	4.4	64	760	31,400	2.0	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
01408722 Toms River near Toms River (continued)												
93/07/08	1603	50	5.0	7.0	27.5	7.6	4.0	57	760	32,100	2.0	NA
93/07/08	1604	50	6.5	7.0	27.5	7.6	3.8	54	760	32,100	2.0	NA
93/07/22	1030	90	0.5	6.5	23.0	7.3	7.2	89	760	17,000	2.0	NA
93/07/22	1031	90	1.5	6.5	23.0	7.3	7.2	89	760	17,100	2.0	NA
93/07/22	1032	90	3.5	6.5	24.5	7.7	6.8	90	760	27,500	2.0	NA
93/07/22	1033	90	5.0	6.5	25.0	7.6	5.3	71	760	29,800	2.0	NA
93/07/22	1034	90	6.0	6.5	25.0	7.3	4.1	55	760	30,500	2.0	NA
93/07/22	1045	50	0.5	7.5	23.5	7.2	6.8	85	760	16,800	2.5	NA
93/07/22	1046	50	1.5	7.5	23.5	7.3	7.0	88	760	17,800	2.5	NA
93/07/22	1047	50	3.5	7.5	24.5	7.8	7.0	92	760	26,400	2.5	NA
93/07/22	1048	50	5.0	7.5	25.0	7.6	5.1	69	760	29,600	2.5	NA
93/07/22	1049	50	7.0	7.5	25.0	7.2	1.4	19	760	31,600	2.5	NA
93/07/22	1100	10	0.5	8.0	24.5	7.6	7.3	94	760	21,700	2.5	NA
93/07/22	1101	10	1.5	8.0	24.5	7.7	7.7	100	760	22,400	2.5	NA
93/07/22	1102	10	3.5	8.0	25.0	8.0	7.6	101	760	27,300	2.5	NA
93/07/22	1103	10	5.0	8.0	25.0	7.6	5.2	70	760	29,700	2.5	NA
93/07/22	1104	10	6.5	8.0	25.0	7.5	3.9	53	760	30,300	2.5	NA
93/07/22	1105	10	7.0	8.0	25.0	7.3	1.7	23	760	31,800	2.5	NA
93/07/22	1635	50	0.5	8.0	25.5	7.8	7.8	104	760	24,000	2.0	NA
93/07/22	1636	50	1.5	8.0	25.5	7.8	7.8	104	760	24,100	2.0	NA
93/07/22	1637	50	3.5	8.0	25.5	7.8	7.5	100	760	25,200	2.0	NA
93/07/22	1638	50	5.0	8.0	25.0	7.8	6.3	85	760	28,600	2.0	NA
93/07/22	1639	50	6.5	8.0	25.0	7.8	5.4	73	760	31,100	2.0	NA
93/07/22	1640	50	7.5	8.0	25.0	7.8	5.3	72	760	31,200	2.0	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
01408722 Toms River near Toms River (continued)												
93/08/03	1100	50	0.5	7.5	27.0	7.4	8.2	108	760	14,500	2.0	NA
93/08/03	1101	50	1.5	7.5	27.5	7.9	7.5	105	760	26,600	2.0	NA
93/08/03	1102	50	3.5	7.5	27.5	7.6	6.2	86	760	27,300	2.0	NA
93/08/03	1103	50	5.0	7.5	27.5	7.6	5.1	71	760	28,700	2.0	NA
93/08/03	1104	50	7.0	7.5	27.0	7.2	2.6	36	760	30,200	2.0	NA
93/08/24	1040	90	0.5	6.5	26.0	7.8	9.2	120	765	18,400	2.0	NA
93/08/24	1041	90	1.5	6.5	26.0	7.5	6.5	85	765	21,200	2.0	NA
93/08/24	1042	90	3.5	6.5	25.5	7.3	6.2	81	765	21,500	2.0	NA
93/08/24	1043	90	5.0	6.5	25.5	7.1	4.3	56	765	22,700	2.0	NA
93/08/24	1044	90	6.0	6.5	25.0	6.8	4.0	52	765	23,000	2.0	NA
93/08/24	1050	50	0.5	7.0	25.5	7.5	8.6	110	765	16,100	2.0	NA
93/08/24	1051	50	1.5	7.0	25.5	7.5	7.7	99	765	17,400	2.0	NA
93/08/24	1052	50	3.5	7.0	25.5	7.4	5.8	76	765	21,900	2.0	NA
93/08/24	1053	50	5.0	7.0	25.5	7.3	4.5	59	765	22,800	2.0	NA
93/08/24	1054	50	6.5	7.0	25.0	6.9	2.1	28	765	23,500	2.0	NA
93/08/24	1100	10	0.5	5.5	24.5	7.1	8.2	101	765	9,500	2.0	NA
93/08/24	1101	10	1.5	5.5	25.5	7.4	6.8	87	765	15,300	2.0	NA
93/08/24	1102	10	3.5	5.5	25.5	7.3	7.1	93	765	22,200	2.0	NA
93/08/24	1103	10	5.0	5.5	25.5	7.1	3.7	49	765	23,100	2.0	NA
93/08/24	1630	50	0.5	7.5	27.0	8.2	9.4	126	765	21,600	2.0	NA
93/08/24	1631	50	1.5	7.5	27.0	8.2	9.3	125	765	21,700	2.0	NA
93/08/24	1632	50	3.5	7.5	26.5	8.0	8.5	114	765	21,900	2.0	NA
93/08/24	1633	50	5.0	7.5	26.5	7.9	8.0	107	765	22,100	2.0	NA
93/08/24	1634	50	7.0	7.5	26.0	7.2	2.1	28	765	24,100	2.0	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
01408722 Toms River near Toms River (continued)												
93/09/08	1030	90	0.5	5.0	23.0	7.5	8.9	109	760	13,200	NA	NA
93/09/08	1031	90	1.5	5.0	23.5	7.7	8.9	110	760	13,400	NA	NA
93/09/08	1032	90	3.5	5.0	26.5	7.6	6.4	86	760	24,000	NA	NA
93/09/08	1033	90	4.5	5.0	26.5	7.0	2.3	32	760	26,600	NA	NA
93/09/08	1040	50	0.5	6.5	23.0	7.7	9.5	116	760	12,900	NA	NA
93/09/08	1041	50	1.5	6.5	24.0	7.8	9.4	118	760	14,000	NA	NA
93/09/08	1042	50	3.5	6.5	26.5	7.6	5.6	77	760	25,500	NA	NA
93/09/08	1043	50	5.0	6.5	26.5	7.3	3.8	52	760	27,600	NA	NA
93/09/08	1044	50	6.0	6.5	26.5	7.2	1.9	26	760	30,000	NA	NA
93/09/08	1050	10	0.5	6.5	24.0	7.6	9.0	112	760	14,900	NA	NA
93/09/08	1051	10	1.5	6.5	24.5	7.7	9.0	114	760	15,700	NA	NA
93/09/08	1052	10	3.5	6.5	26.5	7.7	6.4	87	760	25,200	NA	NA
93/09/08	1053	10	5.0	6.5	26.5	7.2	2.7	37	760	28,100	NA	NA
93/09/08	1054	10	6.0	6.5	26.5	7.1	0.8	11	760	29,700	NA	NA
93/09/08	1550	50	0.5	7.0	25.0	8.4	10.1	132	760	20,000	NA	NA
93/09/08	1551	50	1.5	7.0	25.5	8.4	10.2	134	760	20,500	NA	NA
93/09/08	1552	50	3.5	7.0	26.0	8.3	9.5	127	760	23,700	NA	NA
93/09/08	1553	50	5.0	7.0	26.0	8.2	8.9	120	760	24,500	NA	NA
93/09/08	1554	50	6.5	7.0	26.0	7.8	6.2	84	760	25,200	NA	NA
93/09/22	1610	50	0.5	7.5	19.0	7.5	8.3	95	765	19,400	NA	NA
93/09/22	1611	50	1.5	7.5	19.5	7.7	8.1	97	765	26,400	NA	NA
93/09/22	1612	50	3.5	7.5	20.0	7.8	7.5	92	765	32,500	NA	NA
93/09/22	1613	50	5.0	7.5	19.0	7.7	7.5	91	765	34,100	NA	NA
93/09/22	1614	50	7.0	7.5	19.0	7.5	7.0	85	765	34,300	NA	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
01408722 Toms River near Toms River (continued)												
93/10/28	1040	90	0.5	7.0	13.0	7.4	8.7	88	755	16,300	3.0	NA
93/10/28	1041	90	1.5	7.0	13.0	7.4	8.7	88	755	16,300	3.0	NA
93/10/28	1042	90	3.5	7.0	13.5	7.6	8.1	87	755	25,600	3.0	NA
93/10/28	1043	90	5.0	7.0	13.5	7.8	8.2	88	755	28,000	3.0	NA
93/10/28	1044	90	6.0	7.0	13.5	7.5	8.3	90	755	28,200	3.0	NA
93/10/28	1050	50	0.5	8.0	13.5	7.6	8.6	91	755	22,700	3.0	NA
93/10/28	1051	50	1.5	8.0	13.5	7.7	8.5	90	755	23,000	3.0	NA
93/10/28	1052	50	3.5	8.0	13.5	7.7	8.5	90	755	23,300	3.0	NA
93/10/28	1053	50	5.0	8.0	13.5	7.8	8.6	92	755	26,500	3.0	NA
93/10/28	1054	50	6.5	8.0	14.0	7.8	8.5	92	755	28,300	3.0	NA
93/10/28	1055	50	7.5	8.0	14.0	7.5	8.4	91	755	28,300	3.0	NA
93/10/28	1100	10	0.5	7.0	13.5	7.7	8.7	92	755	23,900	3.0	NA
93/10/28	1101	10	1.5	7.0	13.5	7.7	8.7	92	755	24,000	3.0	NA
93/10/28	1102	10	3.5	7.0	13.5	7.7	8.7	93	755	24,600	3.0	NA
93/10/28	1103	10	5.0	7.0	14.0	7.8	8.8	95	755	26,500	3.0	NA
93/10/28	1104	10	6.5	7.0	14.0	7.8	8.7	94	755	28,100	3.0	NA
93/10/28	1630	50	0.5	8.0	14.0	7.5	8.9	94	755	20,800	NA	NA
93/10/28	1631	50	1.5	8.0	14.0	7.6	9.3	98	755	20,800	NA	NA
93/10/28	1632	50	3.5	8.0	14.0	7.8	9.8	104	755	23,400	NA	NA
93/10/28	1633	50	5.0	8.0	14.0	8.0	10.4	113	755	27,900	NA	NA
93/10/28	1634	50	6.5	8.0	14.0	8.0	9.8	109	755	33,100	NA	NA
93/10/28	1635	50	7.0	8.0	14.0	7.9	9.7	108	755	33,500	NA	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
					01408730 Toms River at Pine Beach							
93/07/08	1610	50	0.5	8.0	30.0	8.2	9.0	129	760	22,400	2.0	NA
93/07/08	1611	50	1.5	8.0	30.0	8.2	9.0	129	760	22,500	2.0	NA
93/07/08	1612	50	3.5	8.0	30.0	8.2	9.0	129	760	22,400	2.0	NA
93/07/08	1613	50	5.0	8.0	29.5	8.1	6.8	99	760	28,400	2.0	NA
93/07/08	1614	50	6.5	8.0	29.0	8.2	9.0	131	760	32,100	2.0	NA
93/07/08	1615	50	7.5	8.0	27.5	7.6	3.7	53	760	32,600	2.0	NA
93/07/22	1115	50	0.5	8.0	24.5	7.8	7.7	100	760	22,100	2.5	NA
93/07/22	1116	50	1.5	8.0	24.5	7.8	7.8	101	760	23,300	2.5	NA
93/07/22	1117	50	3.5	8.0	24.0	8.0	7.7	101	760	25,300	2.5	NA
93/07/22	1118	50	5.0	8.0	25.0	7.8	5.1	68	760	26,400	2.5	NA
93/07/22	1119	50	6.5	8.0	25.0	7.8	4.9	66	760	31,800	2.5	NA
93/07/22	1120	50	7.5	8.0	25.0	7.8	5.0	68	760	31,800	2.5	NA
93/07/22	1655	50	0.5	8.0	25.5	8.0	8.4	111	760	23,400	2.0	NA
93/07/22	1656	50	1.5	8.0	25.5	8.0	8.5	113	760	23,300	2.0	NA
93/07/22	1657	50	3.5	8.0	25.5	8.0	8.4	111	760	23,500	2.0	NA
93/07/22	1658	50	5.0	8.0	25.5	8.0	8.1	108	760	24,700	2.0	NA
93/07/22	1659	50	6.5	8.0	25.0	7.9	5.7	77	760	30,800	2.0	NA
93/07/22	1700	50	7.5	8.0	25.0	7.9	5.7	77	760	30,900	2.0	NA
93/08/03	1115	NA	0.5	7.5	28.0	7.8	7.8	108	760	21,400	2.5	NA
93/08/03	1116	NA	1.5	7.5	28.0	8.1	8.3	115	760	25,200	2.5	NA
93/08/03	1117	NA	3.5	7.5	27.5	8.0	7.3	102	760	26,500	2.5	NA
93/08/03	1118	NA	5.0	7.5	27.0	7.8	4.9	69	760	30,900	2.5	NA
93/08/03	1119	NA	7.0	7.5	27.0	7.8	4.4	62	760	33,300	2.5	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
					01408730 Toms River at Pine Beach (continued)							
93/08/24	1110	50	0.5	7.0	25.5	8.0	9.8	122	765	5,750	2.0	NA
93/08/24	1111	50	1.5	7.0	25.5	8.0	9.2	120	765	18,800	2.0	NA
93/08/24	1112	50	3.5	7.0	25.5	7.9	8.6	113	765	20,900	2.0	NA
93/08/24	1113	50	5.0	7.0	25.5	7.6	6.1	81	765	24,800	2.0	NA
93/08/24	1114	50	6.5	7.0	20.0	7.5	5.0	60	765	26,900	2.0	NA
93/08/24	1640	50	0.5	8.0	26.5	8.3	9.7	128	765	18,400	2.0	NA
93/08/24	1641	50	1.5	8.0	26.5	8.3	9.9	131	765	18,300	2.0	NA
93/08/24	1642	50	3.5	8.0	26.5	8.3	9.8	129	765	18,500	2.0	NA
93/08/24	1643	50	5.0	8.0	27.0	8.2	9.5	127	765	20,500	2.0	NA
93/08/24	1644	50	6.5	8.0	25.0	7.8	5.2	69	765	26,900	2.0	NA
93/08/24	1645	50	7.5	8.0	25.0	7.6	5.0	66	765	27,300	2.0	NA
93/09/08	1100	50	0.5	6.5	26.0	8.0	8.0	108	760	25,100	NA	NA
93/09/08	1101	50	1.5	6.5	26.0	8.0	8.1	109	760	25,200	NA	NA
93/09/08	1102	50	3.5	6.5	26.0	8.0	8.0	108	760	25,300	NA	NA
93/09/08	1103	50	5.0	6.5	26.0	8.0	7.1	96	760	26,600	NA	NA
93/09/08	1104	50	6.0	6.5	26.5	7.5	3.0	42	760	31,500	NA	NA
93/09/08	1600	50	0.5	7.5	25.5	8.3	9.4	126	760	25,100	NA	NA
93/09/08	1601	50	1.5	7.5	25.5	8.3	9.4	126	760	25,200	NA	NA
93/09/08	1602	50	3.5	7.5	26.0	8.2	8.7	117	760	25,400	NA	NA
93/09/08	1603	50	5.0	7.5	26.0	8.1	8.3	112	760	26,500	NA	NA
93/09/08	1604	50	7.0	7.5	26.5	7.4	2.6	36	760	30,800	NA	NA
93/09/22	1620	50	0.5	8.0	19.0	7.9	9.2	107	765	21,500	NA	NA
93/09/22	1621	50	1.5	8.0	19.5	7.9	9.2	109	765	25,600	NA	NA
93/09/22	1622	50	3.5	8.0	19.5	8.0	9.2	111	765	30,400	NA	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
					01408730 Toms River at Pine Beach (continued)							
93/09/22	1623	50	5.0	8.0	19.0	7.8	7.4	90	765	34,400	NA	NA
93/09/22	1624	50	6.5	8.0	19.0	7.8	7.5	91	765	34,600	NA	NA
93/09/22	1625	50	7.5	8.0	18.5	7.7	7.5	91	765	34,600	NA	NA
93/10/28	1110	50	0.5	8.5	13.5	7.8	8.8	94	755	25,400	3.0	NA
93/10/28	1111	50	1.5	8.5	13.5	7.8	8.8	94	755	25,400	3.0	NA
93/10/28	1112	50	3.5	8.5	13.5	7.8	8.8	94	755	25,500	3.0	NA
93/10/28	1113	50	5.0	8.5	13.5	7.9	8.8	94	755	25,700	3.0	NA
93/10/28	1114	50	6.5	8.5	13.5	7.9	8.8	94	755	25,600	3.0	NA
93/10/28	1115	50	8.0	8.5	13.5	7.7	8.8	94	755	25,800	3.0	NA
93/10/28	1640	50	0.5	8.0	14.0	7.9	9.3	100	755	25,000	NA	NA
93/10/28	1641	50	1.5	8.0	14.0	7.9	9.5	102	755	25,000	NA	NA
93/10/28	1642	50	3.5	8.0	14.0	7.9	9.9	106	755	25,100	NA	NA
93/10/28	1643	50	5.0	8.0	14.0	7.9	10.3	111	755	25,600	NA	NA
93/10/28	1644	50	6.5	8.0	14.0	8.0	9.6	106	755	33,000	NA	NA
93/10/28	1645	50	7.5	8.0	14.0	8.0	9.4	105	755	34,400	NA	NA
					01408735 Toms River at Maple Avenue Pier at Island Heights							
92/10/29	1230	50	0.5	7.0	12.5	NA	NA	NA	760	24,200	2.5	NA
92/10/29	1225	50	2.0	7.0	11.5	NA	NA	NA	760	31,400	2.5	NA
92/10/29	1218	50	4.0	7.0	11.0	NA	NA	NA	760	32,100	2.5	NA
92/10/29	1210	50	5.0	7.0	11.5	NA	NA	NA	760	32,700	2.5	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
01408735 Toms River at Maple Avenue Pier at Island Heights (continued)												
92/12/02	1110	50	0.5	7.0	6.5	7.4	10.5	91	760	16,100	NA	NA
92/12/02	1111	50	1.5	7.0	7.0	7.4	10.3	93	760	23,800	NA	NA
92/12/02	1112	50	3.5	7.0	7.5	7.4	10.5	98	760	29,000	NA	NA
92/12/02	1113	50	5.0	7.0	8.0	7.1	10.1	96	760	30,300	NA	NA
92/12/02	1114	50	7.0	7.0	9.5	6.3	8.8	88	760	33,200	NA	NA
92/12/02	1620	50	0.5	8.0	7.5	7.3	10.6	94	760	16,500	NA	NA
92/12/02	1621	50	1.5	8.0	7.5	7.4	10.7	96	760	17,200	NA	NA
92/12/02	1622	50	3.5	8.0	7.5	7.6	11.2	105	760	29,000	NA	NA
92/12/02	1623	50	5.0	8.0	7.0	7.5	11.1	104	760	29,800	NA	NA
92/12/02	1624	50	6.5	8.0	8.0	6.9	9.9	95	760	31,300	NA	NA
01408740 Toms River at Island Heights												
92/10/29	1152	50	1.0	6.5	11.0	NA	NA	NA	760	28,300	NA	NA
92/10/29	1150	50	1.5	6.5	11.0	NA	NA	NA	760	33,200	NA	NA
92/10/29	1142	50	3.5	6.5	10.5	NA	NA	NA	760	33,100	NA	NA
92/10/29	1135	50	5.0	6.5	11.0	NA	NA	NA	760	33,900	NA	NA
92/12/02	1120	50	0.5	7.0	6.5	7.5	10.6	91	760	13,800	3.5	NA
92/12/02	1121	50	1.5	7.0	7.5	7.5	10.4	94	760	21,700	3.5	NA
92/12/02	1122	50	3.5	7.0	7.0	7.6	10.5	97	760	28,800	3.5	NA
92/12/02	1123	50	5.0	7.0	7.0	7.5	10.3	96	760	29,800	3.5	NA
92/12/02	1124	50	7.0	7.0	8.0	6.8	8.2	79	760	29,900	3.5	NA
92/12/02	1635	50	0.5	7.5	7.5	7.0	10.9	98	760	18,800	NA	NA
92/12/02	1636	50	1.5	7.5	7.5	7.6	11.5	105	760	23,200	NA	NA
92/12/02	1637	50	3.5	7.5	7.0	7.7	11.3	105	760	29,800	NA	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
01408740 Toms River at Island Heights (continued)												
92/12/02	1638	50	5.0	7.5	6.5	7.6	11.2	104	760	30,600	NA	NA
92/12/02	1639	50	6.5	7.5	7.5	7.4	10.4	99	760	32,300	NA	NA
92/12/21	0955	50	0.5	7.0	4.0	7.4	11.2	93	770	23,900	3.5	NA
92/12/21	0956	50	1.5	7.0	4.0	7.4	11.1	93	770	23,800	3.5	NA
92/12/21	0957	50	3.5	7.0	4.0	7.4	11.3	94	770	24,300	3.5	NA
92/12/21	0958	50	5.0	7.0	4.0	7.6	11.4	96	770	25,200	3.5	NA
92/12/21	0959	50	6.5	7.0	5.0	7.3	11.2	98	770	29,200	3.5	NA
92/12/21	1550	50	0.5	6.0	4.5	7.2	11.1	92	770	18,100	NA	NA
92/12/21	1551	50	1.5	6.0	5.0	7.3	11.2	93	770	18,700	NA	NA
92/12/21	1552	50	3.5	6.0	4.5	7.6	11.4	96	770	25,500	NA	NA
92/12/21	1553	50	5.0	6.0	4.5	7.3	11.9	101	770	26,700	NA	NA
93/01/20	0948	50	0.5	7.0	2.0	7.3	12.7	100	775	25,600	4.0	NA
93/01/20	0949	50	1.5	7.0	2.0	7.4	12.7	100	775	25,600	4.0	NA
93/01/20	0950	50	3.5	7.0	2.0	7.4	12.7	100	775	25,900	4.0	NA
93/01/20	0951	50	5.0	7.0	2.0	7.3	12.7	102	775	30,300	4.0	NA
93/01/20	0952	50	6.0	7.0	2.5	7.1	12.7	104	775	30,900	4.0	NA
93/01/20	1438	50	0.5	6.5	2.5	7.5	12.7	102	775	26,500	3.5	NA
93/01/20	1439	50	1.5	6.5	2.5	7.5	12.7	102	775	26,500	3.5	NA
93/01/20	1440	50	2.5	6.5	2.5	7.5	12.7	102	775	26,500	3.5	NA
93/01/20	1441	50	4.0	6.5	2.5	7.5	12.8	103	775	26,600	3.5	NA
93/01/20	1442	50	6.0	6.5	2.5	7.4	13.1	106	775	27,800	3.5	NA
93/02/11	0935	50	0.5	7.0	2.5	7.8	13.0	102	770	22,000	4.5	NA
93/02/11	0936	50	1.5	7.0	2.5	7.8	13.0	102	770	22,100	4.5	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
01408740 Toms River at Island Heights (continued)												
93/02/11	0937	50	3.5	7.0	2.0	7.8	13.2	104	770	22,900	4.5	NA
93/02/11	0938	50	5.0	7.0	1.5	8.1	13.3	107	770	31,700	4.5	NA
93/02/11	0939	50	6.5	7.0	1.0	8.1	13.1	105	770	32,600	4.5	NA
93/02/11	1545	50	0.5	7.0	2.5	8.1	13.3	110	770	31,000	4.5	NA
93/02/11	1546	50	1.5	7.0	2.5	8.1	13.3	110	770	31,100	4.5	NA
93/02/11	1547	50	3.5	7.0	2.5	8.1	13.2	109	770	31,100	4.5	NA
93/02/11	1548	50	5.0	7.0	2.5	8.1	13.2	109	770	31,000	4.5	NA
93/02/11	1549	50	6.5	7.0	2.5	8.0	12.9	106	770	31,000	4.5	NA
93/03/23	0924	50	0.5	7.0	4.5	7.6	12.7	105	775	20,900	4.0	NA
93/03/23	0925	50	1.5	7.0	4.5	7.6	12.8	105	775	20,900	4.0	NA
93/03/23	0926	50	2.5	7.0	4.5	7.7	13.0	107	775	20,800	4.0	NA
93/03/23	0927	50	4.0	7.0	4.5	7.8	13.6	112	775	21,700	4.0	NA
93/03/23	0928	50	6.0	7.0	4.5	7.8	15.0	127	775	27,700	4.0	NA
93/03/23	1600	50	0.5	6.5	5.0	7.8	12.7	107	775	21,800	NA	NA
93/03/23	1601	50	1.5	6.5	5.0	7.8	12.7	107	775	21,900	NA	NA
93/03/23	1602	50	2.5	6.5	5.0	7.8	12.8	108	775	21,800	NA	NA
93/03/23	1603	50	4.0	6.5	5.0	7.9	13.2	111	775	21,800	NA	NA
93/03/23	1604	50	6.0	6.5	4.0	8.1	15.1	126	775	27,700	NA	NA
93/04/05	1115	10	0.5	5.0	8.5	7.5	10.9	98	770	17,800	NA	NA
93/04/05	1116	10	2.5	5.0	8.0	7.5	11.1	100	770	18,700	NA	NA
93/04/05	1117	10	4.0	5.0	7.5	7.5	11.7	105	770	19,800	NA	NA
93/04/05	1050	90	0.5	4.5	8.0	7.0	10.8	94	770	12,900	NA	NA
93/04/05	1051	90	2.5	4.5	8.0	6.9	10.9	95	770	13,500	NA	NA
93/04/05	1052	90	4.0	4.5	7.5	6.7	11.4	100	770	13,700	NA	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
01408740 Toms River at Island Heights (continued)												
93/04/05	1055	50	0.5	7.5	8.0	7.2	10.7	94	770	12,800	5.0	NA
93/04/05	1056	50	1.5	7.5	8.0	7.2	10.7	94	770	13,800	5.0	NA
93/04/05	1057	50	3.5	7.5	7.5	7.6	11.0	98	770	18,800	5.0	NA
93/04/05	1058	50	5.0	7.5	7.5	7.8	11.2	100	770	19,400	5.0	NA
93/04/05	1059	50	6.5	7.5	8.0	7.9	11.6	106	770	24,400	5.0	NA
93/04/05	1630	50	0.5	7.0	9.5	7.3	10.8	98	770	14,500	NA	NA
93/04/05	1631	50	1.5	7.0	9.5	7.4	10.8	98	770	14,500	NA	NA
93/04/05	1632	50	3.5	7.0	9.0	7.5	10.8	99	770	15,900	NA	NA
93/04/05	1633	50	5.0	7.0	8.0	8.2	12.1	112	770	24,500	NA	NA
93/04/05	1634	50	6.5	7.0	8.0	8.2	12.4	114	770	24,800	NA	NA
93/04/27	1242	10	0.5	4.0	14.0	6.9	9.8	100	765	13,900	NA	NA
93/04/27	1243	10	1.5	4.0	14.0	6.9	9.8	100	765	13,900	NA	NA
93/04/27	1244	10	3.5	4.0	14.5	6.9	9.8	100	765	14,000	NA	NA
93/04/27	1223	50	0.5	6.5	14.0	6.9	9.6	97	765	13,800	3.5	NA
93/04/27	1224	50	1.5	6.5	14.0	6.9	9.7	98	765	13,900	3.5	NA
93/04/27	1225	50	3.5	6.5	13.5	6.9	9.7	98	765	14,100	3.5	NA
93/04/27	1226	50	5.0	6.5	13.0	6.9	9.7	97	765	14,700	3.5	NA
93/04/27	1227	50	6.0	6.5	12.5	6.8	9.8	97	765	15,800	3.5	NA
93/04/27	1723	50	0.5	7.0	14.0	7.0	9.8	101	765	17,300	NA	NA
93/04/27	1724	50	1.5	7.0	14.0	7.0	9.9	102	765	17,300	NA	NA
93/04/27	1725	50	3.5	7.0	14.0	6.9	9.8	101	765	17,200	NA	NA
93/04/27	1726	50	5.0	7.0	14.0	6.9	9.8	102	765	19,300	NA	NA
93/04/27	1727	50	6.5	7.0	13.5	6.6	9.9	102	765	20,500	NA	NA
93/04/27	1208	90	0.5	7.0	12.5	6.9	9.9	98	765	15,100	3.5	NA
93/04/27	1209	90	1.5	7.0	12.5	6.8	9.9	98	765	15,100	3.5	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
					01408740 Toms River at Island Heights (continued)							
93/04/27	1210	90	3.5	7.0	12.5	6.8	9.9	98	765	15,100	3.5	NA
93/04/27	1211	90	5.0	7.0	12.5	6.7	10.0	99	765	15,100	3.5	NA
93/04/27	1212	90	6.5	7.0	12.5	6.5	10.2	101	765	15,100	3.5	NA
93/05/11	1230	50	0.5	7.0	21.5	7.8	8.9	107	760	16,400	4.0	NA
93/05/11	1231	50	1.5	7.0	21.5	7.8	8.8	106	760	16,900	4.0	NA
93/05/11	1232	50	3.5	7.0	21.0	7.9	8.7	104	760	18,400	4.0	NA
93/05/11	1233	50	5.0	7.0	21.0	8.1	8.7	106	760	23,100	4.0	NA
93/05/11	1234	50	6.5	7.0	20.0	8.1	8.9	107	760	24,600	4.0	NA
93/05/11	1805	50	0.5	7.5	22.5	8.0	8.9	109	760	17,900	NA	NA
93/05/11	1806	50	1.5	7.5	22.5	8.0	8.9	109	760	17,900	NA	NA
93/05/11	1807	50	3.5	7.5	22.0	8.0	9.1	112	760	18,900	NA	NA
93/05/11	1808	50	5.0	7.5	20.0	8.2	9.0	107	760	21,900	NA	NA
93/05/11	1809	50	7.0	7.5	20.0	8.2	8.8	106	760	25,500	NA	NA
93/05/25	1115	50	0.5	8.0	19.5	7.7	8.5	99	760	17,100	NA	NA
93/05/25	1116	50	1.5	8.0	19.5	7.7	8.4	98	760	17,500	NA	NA
93/05/25	1117	50	3.5	8.0	19.0	7.9	7.7	91	760	23,100	NA	NA
93/05/25	1118	50	5.0	8.0	19.0	7.9	7.4	88	760	25,600	NA	NA
93/05/25	1119	50	6.5	8.0	19.0	7.8	7.0	83	760	26,300	NA	NA
93/05/25	1635	50	0.5	7.5	21.0	8.0	8.9	108	760	21,400	3.0	NA
93/05/25	1636	50	1.5	7.5	21.0	8.0	8.9	108	760	21,500	3.0	NA
93/05/25	1637	50	3.5	7.5	21.0	8.0	8.9	108	760	21,600	3.0	NA
93/05/25	1638	50	5.0	7.5	21.0	8.0	8.8	107	760	21,700	3.0	NA
93/05/25	1639	50	6.5	7.5	19.5	8.0	8.3	99	760	25,100	3.0	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
					01408740 Toms River at Island Heights (continued)							
93/06/09	1155	50	0.5	7.0	23.0	8.4	10.3	128	760	17,200	3.0	NA
93/06/09	1156	50	1.5	7.0	21.5	8.4	10.2	123	760	17,800	3.0	NA
93/06/09	1157	50	3.5	7.0	21.0	8.4	9.7	119	760	24,400	3.0	NA
93/06/09	1158	50	5.0	7.0	20.5	8.3	8.6	105	760	25,400	3.0	NA
93/06/09	1159	50	6.5	7.0	20.5	8.1	8.3	101	760	26,400	3.0	NA
93/06/09	1750	50	0.5	8.0	24.5	8.6	11.1	142	760	18,200	NA	NA
93/06/09	1751	50	1.5	8.0	24.0	8.6	11.1	141	760	18,500	NA	NA
93/06/09	1752	50	3.5	8.0	23.5	8.5	10.9	139	760	21,500	NA	NA
93/06/09	1753	50	5.0	8.0	23.0	8.4	10.4	131	760	22,600	NA	NA
93/06/09	1754	50	6.5	8.0	21.0	8.3	9.1	113	760	25,900	NA	NA
93/06/09	1755	50	7.0	8.0	22.5	8.4	9.8	123	760	24,500	NA	NA
93/06/23	1050	50	0.5	7.0	24.0	8.3	7.8	101	765	24,200	1.5	NA
93/06/23	1051	50	1.5	7.0	24.0	8.3	7.8	101	765	24,300	1.5	NA
93/06/23	1052	50	3.5	7.0	24.0	8.3	7.8	101	765	24,300	1.5	NA
93/06/23	1053	50	5.0	7.0	24.0	8.3	7.8	101	765	24,200	1.5	NA
93/06/23	1054	50	6.5	7.0	24.0	8.3	6.8	89	765	26,200	1.5	NA
93/06/23	1720	50	0.5	7.0	25.0	8.5	8.8	116	765	24,600	2.0	NA
93/06/23	1721	50	1.5	7.0	25.0	8.5	8.8	116	765	24,600	2.0	NA
93/06/23	1722	50	3.5	7.0	25.0	8.4	8.8	116	765	24,700	2.0	NA
93/06/23	1723	50	5.0	7.0	25.0	8.4	8.5	112	765	25,200	2.0	NA
93/06/23	1724	50	6.5	7.0	24.5	8.2	6.8	89	765	27,000	2.0	NA
93/07/08	1630	50	0.5	7.0	30.0	8.2	8.3	121	760	27,100	2.0	NA
93/07/08	1631	50	1.5	7.0	30.0	8.2	8.2	119	760	27,300	2.0	NA
93/07/08	1632	50	3.5	7.0	30.0	8.2	8.0	116	760	27,700	2.0	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
					01408740 Toms River at Island Heights (continued)							
93/07/08	1633	50	5.0	7.0	28.0	7.7	3.8	54	760	32,700	2.0	NA
93/07/08	1634	50	6.5	7.0	27.5	7.7	4.3	62	760	33,000	2.0	NA
93/07/22	1130	90	0.5	8.0	24.5	8.1	8.1	104	760	19,500	2.0	NA
93/07/22	1131	90	1.5	8.0	24.5	8.1	8.0	106	760	27,300	2.0	NA
93/07/22	1132	90	3.5	8.0	24.5	8.1	7.8	103	760	28,300	2.0	NA
93/07/22	1133	90	5.0	8.0	24.5	8.1	6.8	91	760	30,600	2.0	NA
93/07/22	1134	90	6.5	8.0	24.5	8.1	6.0	81	760	31,400	2.0	NA
93/07/22	1135	90	7.5	8.0	25.0	7.6	3.5	48	760	32,400	2.0	NA
93/07/22	1140	50	0.5	7.0	24.5	8.1	8.1	107	760	27,400	2.5	NA
93/07/22	1141	50	1.5	7.0	24.5	8.1	8.1	107	760	27,500	2.5	NA
93/07/22	1142	50	3.5	7.0	24.5	8.2	8.1	108	760	28,400	2.5	NA
93/07/22	1143	50	5.0	7.0	24.5	8.2	8.0	107	760	30,500	2.5	NA
93/07/22	1144	50	6.5	7.0	24.5	8.1	7.1	95	760	30,900	2.5	NA
93/07/22	1150	10	0.5	6.0	24.5	8.2	8.1	108	760	28,300	2.0	NA
93/07/22	1151	10	1.5	6.0	24.5	8.2	8.1	108	760	29,000	2.0	NA
93/07/22	1152	10	3.5	6.0	24.5	8.2	8.0	107	760	30,800	2.0	NA
93/07/22	1153	10	5.0	6.0	24.5	8.2	7.5	100	760	31,000	2.0	NA
93/07/22	1710	50	0.5	8.0	25.5	8.2	8.4	113	760	28,600	2.0	NA
93/07/22	1711	50	1.5	8.0	25.5	8.2	8.4	113	760	28,700	2.0	NA
93/07/22	1712	50	3.5	8.0	25.5	8.2	8.3	112	760	28,900	2.0	NA
93/07/22	1713	50	5.0	8.0	25.0	8.2	7.9	107	760	29,400	2.0	NA
93/07/22	1714	50	6.5	8.0	25.0	8.0	6.3	86	760	31,600	2.0	NA
93/07/22	1715	50	7.5	8.0	25.0	8.0	6.6	90	760	31,000	2.0	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
					01408740 Toms River at Island Heights (continued)							
93/08/03	1125	50	0.5	7.0	28.0	8.1	8.0	111	760	24,100	2.5	NA
93/08/03	1126	50	1.5	7.0	27.5	8.1	6.9	97	760	29,600	2.5	NA
93/08/03	1127	50	3.5	7.0	27.0	8.0	6.1	86	760	33,400	2.5	NA
93/08/03	1128	50	5.0	7.0	27.0	8.1	6.0	85	760	34,900	2.5	NA
93/08/03	1129	50	6.5	7.0	27.0	8.0	4.8	69	760	35,800	2.5	NA
93/08/24	1125	50	0.5	7.0	25.0	8.0	8.3	108	765	20,600	2.0	NA
93/08/24	1126	50	1.5	7.0	25.0	8.0	7.2	94	765	23,300	2.0	NA
93/08/24	1127	50	3.5	7.0	24.5	8.0	7.1	94	765	27,700	2.0	NA
93/08/24	1128	50	5.0	7.0	24.5	8.0	7.0	93	765	27,900	2.0	NA
93/08/24	1129	50	6.5	7.0	25.0	7.9	5.8	77	765	29,100	2.0	NA
93/08/24	1650	90	0.5	9.0	25.5	8.2	7.8	105	765	28,000	2.0	NA
93/08/24	1651	90	1.5	9.0	25.5	8.2	7.8	105	765	28,000	2.0	NA
93/08/24	1652	90	3.5	9.0	25.5	8.2	7.9	106	765	28,000	2.0	NA
93/08/24	1653	90	5.0	9.0	25.5	8.1	7.8	105	765	28,100	2.0	NA
93/08/24	1654	90	6.5	9.0	25.5	8.1	7.8	105	765	28,200	2.0	NA
93/08/24	1655	90	8.0	9.0	25.0	8.0	6.8	91	765	28,700	2.0	NA
93/08/24	1700	50	0.5	7.5	25.5	8.1	7.7	103	765	27,000	2.5	NA
93/08/24	1701	50	1.5	7.5	25.5	8.1	7.7	103	765	27,000	2.5	NA
93/08/24	1702	50	3.5	7.5	25.5	8.1	7.7	103	765	27,100	2.5	NA
93/08/24	1703	50	5.0	7.5	25.5	8.1	7.7	103	765	27,000	2.5	NA
93/08/24	1704	50	7.0	7.5	25.5	8.1	7.6	101	765	27,200	2.5	NA
93/08/24	1705	10	0.5	6.0	25.5	8.2	7.8	104	765	26,400	2.5	NA
93/08/24	1706	10	1.5	6.0	25.5	8.2	7.8	104	765	26,700	2.5	NA
93/08/24	1707	10	3.5	6.0	25.5	8.2	7.8	104	765	26,700	2.5	NA
93/08/24	1708	10	5.0	6.0	25.5	8.2	7.9	105	765	26,800	2.5	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
01408740 Toms River at Island Heights (continued)												
93/09/08	1110	50	0.5	6.5	25.0	8.1	7.8	104	760	26,400	NA	NA
93/09/08	1111	50	1.5	6.5	25.0	8.1	7.8	104	760	26,500	NA	NA
93/09/08	1112	50	3.5	6.5	25.0	8.1	7.8	104	760	26,500	NA	NA
93/09/08	1113	50	5.0	6.5	25.0	8.1	7.5	100	760	26,900	NA	NA
93/09/08	1114	50	6.0	6.5	25.5	7.6	3.4	46	760	27,800	NA	NA
93/09/08	1615	50	0.5	7.5	25.0	8.2	7.9	106	760	28,400	NA	NA
93/09/08	1616	50	1.5	7.5	25.0	8.2	7.9	106	760	28,500	NA	NA
93/09/08	1617	50	3.5	7.5	25.0	8.2	7.8	105	760	28,500	NA	NA
93/09/08	1618	50	5.0	7.5	25.0	8.1	7.6	102	760	28,800	NA	NA
93/09/08	1619	50	6.5	7.5	25.0	7.8	4.2	57	760	30,400	NA	NA
93/09/22	1630	50	0.5	7.5	19.0	8.2	10.4	120	765	20,700	NA	NA
93/09/22	1631	50	1.5	7.5	19.0	8.2	9.9	116	765	24,600	NA	NA
93/09/22	1632	50	3.5	7.5	18.5	8.1	9.0	108	765	32,000	NA	NA
93/09/22	1633	50	5.0	7.5	18.5	8.0	8.7	104	765	32,600	NA	NA
93/09/22	1634	50	6.5	7.5	18.5	7.9	8.1	98	765	33,600	NA	NA
93/10/28	1120	50	0.5	8.5	13.5	8.0	9.1	98	755	28,400	2.5	NA
93/10/28	1121	50	1.5	8.5	13.5	8.0	9.1	98	755	28,400	2.5	NA
93/10/28	1122	50	3.5	8.5	13.5	8.0	9.1	98	755	28,500	2.5	NA
93/10/28	1123	50	5.0	8.5	13.5	8.0	9.0	98	755	29,100	2.5	NA
93/10/28	1124	50	6.5	8.5	14.0	8.1	8.4	94	755	36,300	2.5	NA
93/10/28	1125	50	8.0	8.5	14.0	8.1	8.4	94	755	36,300	2.5	NA
93/10/28	1655	50	0.5	8.0	14.0	8.0	9.5	102	755	26,800	NA	NA
93/10/28	1656	50	1.5	8.0	14.0	8.0	9.7	105	755	27,000	NA	NA
93/10/28	1657	50	3.5	8.0	14.0	8.0	10.1	109	755	27,100	NA	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
					01408740 Toms River at Island Heights (continued)							
93/10/28	1658	50	5.0	8.0	14.0	8.1	10.5	114	755	29,000	NA	NA
93/10/28	1659	50	6.5	8.0	14.0	8.1	10.1	112	755	33,600	NA	NA
93/10/28	1700	50	7.0	8.0	14.0	8.1	10.0	112	755	34,900	NA	NA
					395540074055400 Barnegat Bay near Ocean Gate							
92/10/29	1115	NA	1.0	6.5	11.0	NA	NA	NA	760	31,600	NA	NA
92/10/29	1110	NA	1.5	6.5	10.5	NA	NA	NA	760	32,200	NA	NA
92/10/29	1105	NA	3.5	6.5	10.5	NA	NA	NA	760	37,400	NA	NA
92/10/29	1100	NA	5.0	6.5	10.5	NA	NA	NA	760	37,600	NA	NA
92/12/02	1155	NA	0.5	7.0	7.0	7.7	10.9	100	760	26,800	NA	NA
92/12/02	1156	NA	1.5	7.0	7.0	7.7	10.9	100	760	27,900	NA	NA
92/12/02	1157	NA	3.5	7.0	7.0	7.8	11.0	103	760	30,500	NA	NA
92/12/02	1158	NA	5.0	7.0	8.0	7.7	10.6	104	760	37,300	NA	NA
92/12/02	1159	NA	7.0	7.0	8.0	7.4	10.5	104	760	37,600	NA	NA
92/12/21	1035	NA	0.5	7.5	4.5	7.7	11.2	96	770	26,800	3.5	NA
92/12/21	1036	NA	1.5	7.5	4.5	7.7	11.2	96	770	27,000	3.5	NA
92/12/21	1037	NA	3.5	7.5	4.5	7.7	11.3	97	770	26,900	3.5	NA
92/12/21	1038	NA	5.0	7.5	4.5	7.6	11.4	97	770	27,100	3.5	NA
92/12/21	1039	NA	6.5	7.5	4.5	7.0	11.6	99	770	26,900	3.5	NA
92/12/21	1630	NA	0.5	6.5	4.5	7.8	11.6	99	770	26,700	NA	NA
92/12/21	1631	NA	1.5	6.5	4.5	7.8	11.6	98	770	26,600	NA	NA
92/12/21	1632	NA	3.5	6.5	4.5	7.8	11.7	100	770	27,100	NA	NA
92/12/21	1633	NA	5.0	6.5	4.5	7.8	11.7	100	770	27,200	NA	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
395540074055400 Barnegat Bay near Ocean Gate (continued)												
92/12/21	1634	NA	6.5	6.5	4.5	7.7	11.8	100	770	27,300	NA	NA
93/01/20	1034	NA	0.5	7.0	1.5	7.5	12.5	100	775	30,900	3.5	NA
93/01/20	1035	NA	1.5	7.0	1.5	7.5	12.4	99	775	30,900	3.5	NA
93/01/20	1036	NA	3.5	7.0	1.5	7.5	12.4	100	775	31,500	3.5	NA
93/01/20	1037	NA	5.0	7.0	1.5	7.5	12.4	100	775	31,500	3.5	NA
93/01/20	1038	NA	6.0	7.0	2.0	7.4	12.6	102	775	31,700	3.5	NA
93/01/20	1517	NA	0.5	6.5	1.5	7.5	12.9	102	775	27,800	3.5	NA
93/01/20	1518	NA	1.5	6.5	1.5	7.5	12.8	101	775	27,800	3.5	NA
93/01/20	1519	NA	3.5	6.5	1.5	7.5	12.8	101	775	28,000	3.5	NA
93/01/20	1520	NA	5.0	6.5	2.0	7.5	12.7	102	775	29,100	3.5	NA
93/01/20	1521	NA	6.0	6.5	2.0	7.5	12.7	102	775	29,200	3.5	NA
93/02/11	1030	NA	0.5	7.0	1.5	8.2	13.1	106	770	32,500	4.5	NA
93/02/11	1031	NA	1.5	7.0	1.5	8.2	13.1	106	770	32,500	4.5	NA
93/02/11	1032	NA	3.5	7.0	1.5	8.2	13.1	106	770	32,500	4.5	NA
93/02/11	1033	NA	5.0	7.0	1.5	8.2	13.1	106	770	32,500	4.5	NA
93/02/11	1034	NA	6.5	7.0	1.5	8.1	12.9	104	770	32,500	4.5	NA
93/03/23	1020	NA	0.5	7.0	5.0	7.9	12.8	107	775	21,500	4.0	NA
93/03/23	1021	NA	1.5	7.0	5.0	7.9	12.9	108	775	21,500	4.0	NA
93/03/23	1022	NA	3.5	7.0	5.0	7.9	12.9	108	775	21,400	4.0	NA
93/03/23	1023	NA	5.0	7.0	5.0	8.0	13.2	110	775	21,900	4.0	NA
93/03/23	1024	NA	6.0	7.0	4.0	8.1	13.8	118	775	32,700	4.0	NA
93/04/05	1155	NA	0.5	8.0	8.0	7.9	11.0	100	770	21,300	6.0	NA
93/04/05	1156	NA	2.5	8.0	8.0	7.9	11.1	100	770	21,500	6.0	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
395540074055400 Barnegat Bay near Ocean Gate (continued)												
93/04/05	1157	NA	4.0	8.0	8.0	8.1	11.0	102	770	27,300	6.0	NA
93/04/05	1158	NA	5.5	8.0	8.0	8.1	11.2	105	770	28,900	6.0	NA
93/04/05	1159	NA	7.0	8.0	8.0	8.1	11.5	108	770	28,900	6.0	NA
93/04/05	1715	NA	0.5	7.0	9.0	7.9	11.2	104	770	21,900	NA	NA
93/04/05	1716	NA	1.5	7.0	8.5	8.0	11.2	104	770	22,700	NA	NA
93/04/05	1717	NA	3.5	7.0	8.5	8.1	11.4	105	770	23,000	NA	NA
93/04/05	1718	NA	5.0	7.0	8.0	8.2	11.8	109	770	24,700	NA	NA
93/04/05	1719	NA	6.5	7.0	8.0	8.2	12.1	112	770	25,400	NA	NA
93/04/27	1812	NA	0.5	7.0	13.5	7.2	9.6	101	765	26,700	NA	NA
93/04/27	1813	NA	1.5	7.0	13.5	7.2	9.6	101	765	26,700	NA	NA
93/04/27	1814	NA	3.5	7.0	13.5	7.2	9.6	101	765	26,700	NA	NA
93/04/27	1815	NA	5.0	7.0	13.5	7.2	9.6	101	765	26,700	NA	NA
93/04/27	1816	NA	6.5	7.0	13.5	7.2	9.6	101	765	26,700	NA	NA
93/05/11	1320	NA	0.5	7.5	20.5	8.2	9.3	112	760	21,400	4.0	NA
93/05/11	1321	NA	1.5	7.5	20.5	8.2	9.3	112	760	22,100	4.0	NA
93/05/11	1322	NA	3.5	7.5	20.5	8.2	9.4	113	760	22,100	4.0	NA
93/05/11	1323	NA	5.0	7.5	20.5	8.2	9.4	113	760	22,100	4.0	NA
93/05/11	1324	NA	7.0	7.5	20.0	8.3	10.3	124	760	24,600	4.0	NA
93/05/11	1900	NA	0.5	7.5	21.5	8.3	9.0	111	760	23,700	NA	NA
93/05/11	1901	NA	1.5	7.5	21.5	8.3	9.0	111	760	24,000	NA	NA
93/05/11	1902	NA	3.5	7.5	21.5	8.3	9.0	111	760	24,100	NA	NA
93/05/11	1903	NA	5.0	7.5	21.5	8.3	9.1	112	760	24,300	NA	NA
93/05/11	1904	NA	7.0	7.5	21.0	8.3	9.1	113	760	26,300	NA	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
395540074055400 Barnegat Bay near Ocean Gate (continued)												
93/05/25	1200	NA	0.5	7.5	19.5	8.1	8.5	101	760	24,100	NA	NA
93/05/25	1201	NA	1.5	7.5	19.5	8.1	8.6	102	760	24,100	NA	NA
93/05/25	1202	NA	3.5	7.5	19.5	8.1	8.6	102	760	24,100	NA	NA
93/05/25	1203	NA	5.0	7.5	19.0	8.1	8.6	102	760	24,700	NA	NA
93/05/25	1204	NA	6.5	7.5	19.0	8.2	8.3	99	760	27,600	NA	NA
93/05/25	1725	NA	0.5	6.5	21.0	8.2	9.0	111	760	26,300	3.0	NA
93/05/25	1726	NA	1.5	6.5	21.0	8.2	9.0	111	760	26,400	3.0	NA
93/05/25	1727	NA	3.5	6.5	21.0	8.2	9.0	111	760	26,300	3.0	NA
93/05/25	1728	NA	6.0	6.5	21.0	8.2	9.0	111	760	26,400	3.0	NA
93/06/09	1300	NA	0.5	7.0	21.5	8.4	8.8	110	760	27,700	2.5	NA
93/06/09	1301	NA	1.5	7.0	21.0	8.4	8.9	111	760	27,500	2.5	NA
93/06/09	1302	NA	3.5	7.0	21.0	8.4	8.9	111	760	27,500	2.5	NA
93/06/09	1303	NA	5.0	7.0	21.0	8.3	8.8	110	760	27,400	2.5	NA
93/06/09	1304	NA	6.5	7.0	21.0	8.3	8.8	109	760	27,600	2.5	NA
93/06/09	1820	NA	0.5	7.5	23.0	8.4	9.0	116	760	27,900	NA	NA
93/06/09	1821	NA	1.5	7.5	23.0	8.4	9.1	117	760	27,900	NA	NA
93/06/09	1822	NA	3.5	7.5	22.5	8.4	9.1	117	760	28,100	NA	NA
93/06/09	1823	NA	5.0	7.5	23.0	8.4	9.2	118	760	28,100	NA	NA
93/06/09	1824	NA	7.0	7.5	22.5	8.3	8.9	114	760	28,500	NA	NA
93/06/23	1135	NA	0.5	7.0	23.5	8.3	7.3	95	765	28,700	2.0	NA
93/06/23	1136	NA	1.5	7.0	23.5	8.3	7.3	95	765	29,000	2.0	NA
93/06/23	1137	NA	3.5	7.0	23.5	8.3	7.2	94	765	29,000	2.0	NA
93/06/23	1138	NA	5.0	7.0	23.5	8.3	7.2	94	765	28,900	2.0	NA
93/06/23	1139	NA	6.0	7.0	23.5	8.3	7.4	96	765	28,900	2.0	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
395540074055400 Barnegat Bay near Ocean Gate (continued)												
93/07/08	1715	NA	0.5	6.5	29.5	8.2	7.4	110	760	35,800	2.0	NA
93/07/08	1716	NA	1.5	6.5	29.5	8.2	7.3	109	760	35,700	2.0	NA
93/07/08	1717	NA	3.5	6.5	29.5	8.2	7.3	109	760	35,800	2.0	NA
93/07/08	1718	NA	5.0	6.5	29.5	8.2	7.2	107	760	35,900	2.0	NA
93/07/08	1719	NA	6.0	6.5	29.5	8.2	7.3	109	760	35,900	2.0	NA
93/07/22	1230	NA	0.5	6.5	24.5	8.2	7.9	105	760	28,500	3.5	NA
93/07/22	1231	NA	1.5	6.5	24.5	8.2	7.9	106	760	30,500	3.5	NA
93/07/22	1232	NA	3.5	6.5	24.5	8.2	7.8	105	760	30,700	3.5	NA
93/07/22	1233	NA	5.0	6.5	24.5	8.2	7.2	97	760	31,600	3.5	NA
93/07/22	1234	NA	6.0	6.5	24.5	8.0	5.9	80	760	34,400	3.5	NA
93/07/22	1800	NA	0.5	6.5	25.5	8.3	8.5	116	760	30,900	2.0	NA
93/07/22	1801	NA	1.5	6.5	25.5	8.3	8.6	117	760	30,900	2.0	NA
93/07/22	1802	NA	3.5	6.5	25.5	8.3	8.6	117	760	30,900	2.0	NA
93/07/22	1803	NA	5.0	6.5	25.5	8.3	8.5	116	760	31,300	2.0	NA
93/07/22	1804	NA	6.0	6.5	25.5	8.3	8.4	115	760	32,100	2.0	NA
93/08/03	1205	NA	0.5	7.0	27.5	8.2	6.9	98	760	33,400	2.0	NA
93/08/03	1206	NA	1.5	7.0	27.5	8.2	6.9	98	760	33,500	2.0	NA
93/08/03	1207	NA	3.5	7.0	26.5	8.2	6.7	95	760	34,600	2.0	NA
93/08/03	1208	NA	5.0	7.0	26.5	8.2	6.5	92	760	36,300	2.0	NA
93/08/03	1209	NA	6.5	7.0	26.5	8.2	5.2	75	760	38,800	2.0	NA
93/08/24	1210	NA	0.5	7.0	24.0	8.2	7.8	101	765	26,200	2.0	NA
93/08/24	1211	NA	1.5	7.0	24.0	8.2	7.9	103	765	26,200	2.0	NA
93/08/24	1212	NA	3.5	7.0	24.0	8.2	7.9	103	765	26,300	2.0	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
395540074055400 Barnegat Bay near Ocean Gate (continued)												
93/08/24	1213	NA	5.0	7.0	24.0	8.2	7.9	103	765	26,500	2.0	NA
93/08/24	1214	NA	6.0	7.0	24.0	8.1	7.5	98	765	28,600	2.0	NA
93/08/24	1725	NA	0.5	8.0	25.0	8.2	7.8	105	765	31,400	2.5	NA
93/08/24	1726	NA	1.5	8.0	25.0	8.2	7.8	105	765	31,400	2.5	NA
93/08/24	1727	NA	3.5	8.0	25.0	8.2	7.8	105	765	31,500	2.5	NA
93/08/24	1728	NA	5.0	8.0	25.0	8.2	7.8	105	765	31,500	2.5	NA
93/08/24	1729	NA	7.0	8.0	25.0	8.2	7.9	106	765	31,400	2.5	NA
93/09/08	1147	NA	0.5	6.5	25.0	7.9	6.2	84	760	31,500	NA	NA
93/09/08	1148	NA	1.5	6.5	25.0	7.9	6.2	84	760	31,500	NA	NA
93/09/08	1149	NA	3.5	6.5	25.0	7.9	6.2	84	760	31,600	NA	NA
93/09/08	1150	NA	5.0	6.5	25.0	7.9	6.1	83	760	31,600	NA	NA
93/09/08	1151	NA	6.0	6.5	25.0	7.9	6.0	82	760	32,200	NA	NA
93/09/08	1700	NA	0.5	7.5	25.0	8.1	7.2	99	760	33,500	NA	NA
93/09/08	1701	NA	1.5	7.5	25.0	8.1	7.2	99	760	33,800	NA	NA
93/09/08	1702	NA	3.5	7.5	25.0	8.1	7.1	98	760	33,800	NA	NA
93/09/08	1703	NA	5.0	7.5	25.0	8.1	7.0	96	760	34,200	NA	NA
93/09/08	1704	NA	6.5	7.5	25.0	8.1	7.2	99	760	34,200	NA	NA
93/09/22	1710	NA	0.5	8.0	18.5	8.2	9.1	109	765	30,700	NA	NA
93/09/22	1711	NA	1.5	8.0	18.5	8.2	9.1	109	765	31,300	NA	NA
93/09/22	1712	NA	3.5	8.0	18.5	8.2	8.8	106	765	34,100	NA	NA
93/09/22	1713	NA	5.0	8.0	18.5	8.1	8.2	100	765	35,500	NA	NA
93/09/22	1714	NA	6.5	8.0	18.5	8.1	8.0	97	765	36,200	NA	NA
93/09/22	1715	NA	7.0	8.0	18.5	8.1	8.0	97	765	36,300	NA	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
					395540074055400 Barnegat Bay near Ocean Gate (continued)							
93/10/28	1215	NA	0.5	8.0	13.5	8.1	9.2	100	755	29,600	3.0	NA
93/10/28	1216	NA	1.5	8.0	13.5	8.1	9.2	100	755	29,800	3.0	NA
93/10/28	1217	NA	3.5	8.0	13.5	8.1	9.3	100	755	29,700	3.0	NA
93/10/28	1218	NA	5.0	8.0	13.5	8.1	9.3	100	755	29,800	3.0	NA
93/10/28	1219	NA	6.5	8.0	13.5	8.1	9.3	101	755	30,200	3.0	NA
93/10/28	1220	NA	7.5	8.0	13.5	8.1	9.2	100	755	31,800	3.0	NA
93/10/28	1730	NA	0.5	7.5	13.5	8.1	9.8	106	755	29,800	NA	NA
93/10/28	1731	NA	1.5	7.5	13.5	8.1	9.9	107	755	29,800	NA	NA
93/10/28	1732	NA	3.5	7.5	13.5	8.1	10.1	110	755	29,700	NA	NA
93/10/28	1733	NA	5.0	7.5	13.5	8.1	10.5	114	755	29,800	NA	NA
93/10/28	1734	NA	7.0	7.5	13.5	8.1	10.7	116	755	29,700	NA	NA
					395611074061800 Barnegat Bay near Bay Shore							
92/10/29	1045	NA	0.5	5.0	10.5	NA	NA	NA	760	34,000	2.5	NA
92/10/29	1040	NA	2.0	5.0	10.5	NA	NA	NA	760	36,200	2.5	NA
92/10/29	1030	NA	4.0	5.0	11.0	NA	NA	NA	760	36,100	2.5	NA
92/12/02	1145	NA	0.5	7.0	6.5	7.7	10.9	99	760	26,400	3.5	NA
92/12/02	1146	NA	1.5	7.0	6.5	7.7	10.9	99	760	26,700	3.5	NA
92/12/02	1147	NA	3.5	7.0	6.5	7.8	10.9	100	760	28,600	3.5	NA
92/12/02	1148	NA	5.0	7.0	8.0	7.7	10.5	102	760	36,000	3.5	NA
92/12/02	1149	NA	7.0	7.0	8.0	7.6	10.3	101	760	36,700	3.5	NA
92/12/02	1650	NA	0.5	8.0	7.0	7.8	11.6	107	760	29,500	NA	NA
92/12/02	1651	NA	1.5	8.0	7.0	7.8	11.8	110	760	30,300	NA	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
395611074061800 Barnegat Bay near Bay Shore (continued)												
92/12/02	1652	NA	3.5	8.0	7.5	7.8	11.8	113	760	33,700	NA	NA
92/12/02	1653	NA	5.0	8.0	7.5	7.8	11.7	113	760	34,900	NA	NA
92/12/02	1654	NA	6.5	8.0	7.5	7.8	11.7	113	760	35,000	NA	NA
92/12/02	1655	NA	8.0	8.0	7.5	7.8	11.6	112	760	35,100	NA	NA
92/12/21	1025	NA	0.5	8.0	4.5	7.7	11.4	97	770	26,500	3.5	NA
92/12/21	1026	NA	1.5	8.0	4.5	7.7	11.5	97	770	26,600	3.5	NA
92/12/21	1027	NA	3.5	8.0	4.0	7.7	11.5	97	770	26,900	3.5	NA
92/12/21	1028	NA	5.0	8.0	4.0	7.7	11.7	99	770	26,800	3.5	NA
92/12/21	1029	NA	6.5	8.0	4.0	7.7	12.1	102	770	26,900	3.5	NA
92/12/21	1620	NA	0.5	6.5	4.0	7.9	11.9	101	770	27,400	NA	NA
92/12/21	1621	NA	1.5	6.5	4.5	7.9	11.9	101	770	27,700	NA	NA
92/12/21	1622	NA	3.5	6.5	4.5	7.9	12.0	102	770	27,900	NA	NA
92/12/21	1623	NA	5.0	6.5	4.5	7.9	12.1	103	770	28,100	NA	NA
92/12/21	1624	NA	6.5	6.5	4.5	7.8	12.2	104	770	28,400	NA	NA
93/01/20	1017	NA	0.5	7.0	1.0	7.4	12.6	99	775	29,000	3.5	NA
93/01/20	1018	NA	1.5	7.0	1.0	7.4	12.6	99	775	29,000	3.5	NA
93/01/20	1019	NA	3.5	7.0	1.0	7.4	12.6	99	775	29,000	3.5	NA
93/01/20	1020	NA	5.0	7.0	1.5	7.4	12.6	99	775	29,000	3.5	NA
93/01/20	1021	NA	6.5	7.0	1.5	7.3	12.7	101	775	30,500	3.5	NA
93/01/20	1502	NA	0.5	7.0	2.0	7.5	12.8	102	775	28,700	3.5	NA
93/01/20	1503	NA	1.5	7.0	2.0	7.5	12.8	102	775	28,700	3.5	NA
93/01/20	1504	NA	3.5	7.0	2.0	7.5	12.7	102	775	29,300	3.5	NA
93/01/20	1505	NA	5.0	7.0	2.5	7.5	12.7	103	775	29,900	3.5	NA
93/01/20	1506	NA	6.0	7.0	2.5	7.4	12.7	103	775	30,100	3.5	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
395611074061800 Barnegat Bay near Bay Shore (continued)												
93/02/11	1015	NA	0.5	7.0	1.5	8.2	13.2	106	770	32,000	4.5	NA
93/02/11	1016	NA	1.5	7.0	1.5	8.2	13.2	106	770	32,000	4.5	NA
93/02/11	1017	NA	3.5	7.0	1.5	8.1	13.2	106	770	32,000	4.5	NA
93/02/11	1018	NA	5.0	7.0	1.5	8.1	13.2	106	770	32,000	4.5	NA
93/02/11	1019	NA	6.5	7.0	1.5	8.1	12.9	104	770	32,000	4.5	NA
93/03/23	1005	NA	0.5	7.5	5.0	7.9	12.9	108	775	22,200	4.0	NA
93/03/23	1006	NA	1.5	7.5	5.0	8.0	13.1	110	775	22,200	4.0	NA
93/03/23	1007	NA	3.5	7.5	4.5	8.2	14.0	119	775	27,700	4.0	NA
93/03/23	1008	NA	5.0	7.5	4.5	8.2	14.1	120	775	28,300	4.0	NA
93/03/23	1009	NA	6.5	7.5	4.5	8.1	14.4	122	775	28,600	4.0	NA
93/03/23	1630	NA	0.5	8.0	5.5	7.9	12.7	108	775	22,800	NA	NA
93/03/23	1631	NA	1.5	8.0	5.5	7.9	12.8	109	775	22,800	NA	NA
93/03/23	1632	NA	3.5	8.0	5.5	7.9	12.8	109	775	22,900	NA	NA
93/03/23	1633	NA	5.0	8.0	5.5	8.0	13.1	112	775	23,000	NA	NA
93/03/23	1634	NA	6.5	8.0	5.0	8.3	15.2	130	775	26,500	NA	NA
93/03/23	1635	NA	7.0	8.0	4.5	8.4	16.3	140	775	28,400	NA	NA
93/04/05	1140	NA	0.5	8.0	7.5	7.9	11.1	100	770	21,300	6.0	NA
93/04/05	1141	NA	2.5	8.0	7.5	7.9	11.2	101	770	21,300	6.0	NA
93/04/05	1142	NA	4.0	8.0	7.5	8.0	11.4	103	770	22,500	6.0	NA
93/04/05	1143	NA	5.5	8.0	8.0	8.1	11.6	107	770	26,200	6.0	NA
93/04/05	1144	NA	7.0	8.0	8.0	8.1	11.8	110	770	26,900	6.0	NA
93/04/05	1700	NA	0.5	7.0	8.5	8.0	11.4	105	770	23,200	NA	NA
93/04/05	1701	NA	2.5	7.0	8.5	8.0	11.5	106	770	23,200	NA	NA
93/04/05	1702	NA	4.5	7.0	8.5	8.0	11.6	107	770	23,200	NA	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
395611074061800 Barnegat Bay near Bay Shore (continued)												
93/04/05	1703	NA	6.0	7.0	8.0	8.3	12.9	119	770	24,900	NA	NA
93/04/27	1755	NA	0.5	7.0	13.5	7.2	9.9	104	765	24,200	NA	NA
93/04/27	1756	NA	1.5	7.0	13.5	7.2	9.8	103	765	24,200	NA	NA
93/04/27	1757	NA	3.5	7.0	13.5	7.2	9.7	102	765	24,900	NA	NA
93/04/27	1758	NA	5.0	7.0	13.5	7.2	9.6	101	765	26,100	NA	NA
93/04/27	1759	NA	6.5	7.0	13.5	7.2	9.8	104	765	26,100	NA	NA
93/05/11	1305	NA	0.5	8.0	20.5	8.2	9.2	111	760	21,900	4.0	NA
93/05/11	1306	NA	1.5	8.0	20.5	8.2	9.2	111	760	21,900	4.0	NA
93/05/11	1307	NA	3.5	8.0	20.5	8.2	9.3	112	760	21,900	4.0	NA
93/05/11	1308	NA	5.0	8.0	20.5	8.2	9.3	112	760	22,000	4.0	NA
93/05/11	1309	NA	6.5	8.0	20.0	8.3	9.4	113	760	24,900	4.0	NA
93/05/11	1310	NA	7.0	8.0	19.5	8.2	9.3	112	760	25,500	4.0	NA
93/05/11	1845	NA	0.5	8.0	21.5	8.3	9.1	112	760	22,400	NA	NA
93/05/11	1846	NA	1.5	8.0	21.5	8.3	9.3	115	760	22,500	NA	NA
93/05/11	1847	NA	3.5	8.0	21.5	8.3	9.3	115	760	22,500	NA	NA
93/05/11	1848	NA	5.0	8.0	21.5	8.3	9.3	115	760	22,800	NA	NA
93/05/11	1849	NA	6.5	8.0	21.5	8.3	9.3	115	760	24,100	NA	NA
93/05/11	1850	NA	7.5	8.0	21.0	8.3	9.4	116	760	25,300	NA	NA
93/05/25	1145	NA	0.5	8.0	19.5	8.1	8.5	101	760	24,800	NA	NA
93/05/25	1146	NA	1.5	8.0	19.5	8.1	8.5	101	760	25,000	NA	NA
93/05/25	1147	NA	3.5	8.0	19.5	8.1	8.5	101	760	25,200	NA	NA
93/05/25	1148	NA	5.0	8.0	19.5	8.1	8.5	101	760	25,300	NA	NA
93/05/25	1149	NA	6.5	8.0	19.0	8.1	8.6	102	760	25,600	NA	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
395611074061800 Barnegat Bay near Bay Shore (continued)												
93/05/25	1710	NA	0.5	8.0	21.0	8.2	8.8	108	760	25,500	3.0	NA
93/05/25	1711	NA	1.5	8.0	21.0	8.2	8.9	110	760	25,700	3.0	NA
93/05/25	1712	NA	3.5	8.0	21.0	8.2	8.9	110	760	25,700	3.0	NA
93/05/25	1713	NA	5.0	8.0	21.0	8.2	9.0	111	760	25,600	3.0	NA
93/05/25	1714	NA	7.5	8.0	21.0	8.2	9.0	111	760	25,700	3.0	NA
93/06/09	1240	NA	0.5	8.0	21.5	8.4	9.2	115	760	25,500	3.0	NA
93/06/09	1241	NA	1.5	8.0	21.5	8.4	9.1	114	760	25,500	3.0	NA
93/06/09	1242	NA	3.5	8.0	21.5	8.4	9.1	114	760	25,500	3.0	NA
93/06/09	1243	NA	5.0	8.0	21.5	8.4	9.1	113	760	25,500	3.0	NA
93/06/09	1244	NA	6.5	8.0	21.5	8.3	9.0	112	760	25,600	3.0	NA
93/06/09	1245	NA	7.5	8.0	21.0	8.3	8.8	108	760	26,000	3.0	NA
93/06/09	1805	NA	0.5	8.5	22.5	8.4	9.2	117	760	26,500	NA	NA
93/06/09	1806	NA	1.5	8.5	22.5	8.4	9.2	117	760	26,700	NA	NA
93/06/09	1807	NA	3.5	8.5	22.5	8.4	9.2	117	760	26,700	NA	NA
93/06/09	1808	NA	5.0	8.5	22.5	8.4	9.2	117	760	26,900	NA	NA
93/06/09	1809	NA	6.5	8.5	22.5	8.3	9.1	116	760	27,400	NA	NA
93/06/09	1810	NA	8.0	8.5	22.5	8.3	9.1	116	760	27,600	NA	NA
93/06/23	1120	NA	0.5	7.5	22.5	8.2	7.0	89	765	27,800	2.0	NA
93/06/23	1121	NA	1.5	7.5	22.5	8.2	7.0	89	765	27,900	2.0	NA
93/06/23	1122	NA	3.5	7.5	22.5	8.2	7.0	89	765	27,800	2.0	NA
93/06/23	1123	NA	5.0	7.5	22.5	8.1	7.1	90	765	27,900	2.0	NA
93/06/23	1124	NA	7.0	7.5	22.5	8.1	7.2	92	765	27,800	2.0	NA
93/06/23	1740	NA	0.5	7.5	24.5	8.4	8.3	110	765	28,300	3.0	NA
93/06/23	1741	NA	1.5	7.5	24.5	8.4	8.3	110	765	28,500	3.0	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
395611074061800 Barnegat Bay near Bay Shore (continued)												
93/06/23	1742	NA	3.5	7.5	24.5	8.4	8.4	111	765	28,500	3.0	NA
93/06/23	1743	NA	5.0	7.5	24.5	8.4	8.4	111	765	28,500	3.0	NA
93/06/23	1744	NA	7.0	7.5	24.5	8.4	8.4	111	765	28,500	3.0	NA
93/07/08	1700	NA	0.5	8.0	29.5	8.2	7.9	116	760	31,300	2.0	NA
93/07/08	1701	NA	1.5	8.0	29.5	8.2	7.8	115	760	31,200	2.0	NA
93/07/08	1702	NA	3.5	8.0	29.0	8.2	7.0	103	760	34,700	2.0	NA
93/07/08	1703	NA	5.0	8.0	29.0	8.2	6.8	100	760	35,100	2.0	NA
93/07/08	1704	NA	6.5	8.0	29.0	8.1	6.8	100	760	35,000	2.0	NA
93/07/08	1705	NA	7.5	8.0	29.0	8.1	6.8	100	760	35,000	2.0	NA
93/07/22	1215	NA	0.5	6.5	25.0	8.2	7.9	107	760	30,900	2.0	NA
93/07/22	1216	NA	1.5	6.5	25.0	8.2	7.9	107	760	30,900	2.0	NA
93/07/22	1217	NA	3.5	6.5	25.0	8.2	7.9	107	760	31,000	2.0	NA
93/07/22	1218	NA	5.0	6.5	24.5	8.2	7.8	105	760	31,100	2.0	NA
93/07/22	1219	NA	6.0	6.5	24.5	8.2	7.8	105	760	31,700	2.0	NA
93/07/22	1745	NA	0.5	8.0	25.5	8.3	8.3	114	760	31,900	2.0	NA
93/07/22	1746	NA	1.5	8.0	25.5	8.3	8.3	114	760	32,000	2.0	NA
93/07/22	1747	NA	3.5	8.0	24.5	8.3	8.2	111	760	32,000	2.0	NA
93/07/22	1748	NA	5.0	8.0	25.5	8.3	8.2	112	760	32,000	2.0	NA
93/07/22	1749	NA	6.5	8.0	25.5	8.2	7.8	107	760	33,400	2.0	NA
93/07/22	1750	NA	7.5	8.0	25.5	8.2	7.6	105	760	34,600	2.0	NA
93/08/03	1150	NA	0.5	7.5	28.0	8.1	7.0	99	760	30,000	2.5	NA
93/08/03	1151	NA	1.5	7.5	27.0	8.2	6.7	95	760	33,700	2.5	NA
93/08/03	1152	NA	3.5	7.5	26.5	8.2	6.4	91	760	34,900	2.5	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
395611074061800 Barnegat Bay near Bay Shore (continued)												
93/08/03	1153	NA	5.0	7.5	26.5	8.2	6.2	88	760	35,400	2.5	NA
93/08/03	1154	NA	7.0	7.5	26.5	8.2	5.5	79	760	37,300	2.5	NA
93/08/24	1150	NA	0.5	8.0	24.5	8.1	8.0	104	765	24,800	2.5	NA
93/08/24	1151	NA	1.5	8.0	24.5	8.1	7.9	103	765	24,800	2.5	NA
93/08/24	1152	NA	3.5	8.0	24.5	8.1	7.9	103	765	24,900	2.5	NA
93/08/24	1153	NA	5.0	8.0	24.5	8.1	7.8	101	765	25,200	2.5	NA
93/08/24	1154	NA	6.5	8.0	24.5	8.1	7.6	99	765	26,200	2.5	NA
93/08/24	1155	NA	7.5	8.0	24.0	8.0	7.2	94	765	27,300	2.5	NA
93/08/24	1740	NA	0.5	8.0	25.0	8.2	7.8	104	765	30,700	2.0	NA
93/08/24	1741	NA	1.5	8.0	25.0	8.2	7.8	104	765	30,700	2.0	NA
93/08/24	1742	NA	3.5	8.0	25.0	8.2	7.8	104	765	30,700	2.0	NA
93/08/24	1743	NA	5.0	8.0	25.0	8.2	7.9	106	765	30,800	2.0	NA
93/08/24	1744	NA	7.0	8.0	25.0	8.2	8.1	109	765	31,400	2.0	NA
93/09/08	1135	NA	0.5	6.5	25.0	7.9	6.6	89	760	30,500	NA	NA
93/09/08	1136	NA	1.5	6.5	25.0	7.9	6.6	89	760	30,500	NA	NA
93/09/08	1137	NA	3.5	6.5	25.0	7.9	6.6	89	760	30,500	NA	NA
93/09/08	1138	NA	5.0	6.5	25.0	7.9	6.6	89	760	30,400	NA	NA
93/09/08	1139	NA	6.0	6.5	25.0	7.9	6.6	89	760	30,400	NA	NA
93/09/08	1645	NA	0.5	7.5	25.0	8.1	7.0	96	760	32,200	NA	NA
93/09/08	1646	NA	1.5	7.5	25.0	8.1	7.0	96	760	32,200	NA	NA
93/09/08	1647	NA	3.5	7.5	25.0	8.1	7.1	97	760	32,300	NA	NA
93/09/08	1648	NA	5.0	7.5	25.0	8.1	7.0	96	760	32,700	NA	NA
93/09/08	1649	NA	6.5	7.5	25.0	8.1	7.1	97	760	32,600	NA	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
					395611074061800 Barnegat Bay near Bay Shore (continued)							
93/09/22	1700	NA	0.5	8.0	18.5	8.2	9.2	109	765	30,600	NA	NA
93/09/22	1701	NA	1.5	8.0	18.5	8.2	9.1	108	765	30,900	NA	NA
93/09/22	1702	NA	3.5	8.0	18.5	8.1	8.0	97	765	34,500	NA	NA
93/09/22	1703	NA	5.0	8.0	18.5	8.1	8.0	97	765	35,000	NA	NA
93/09/22	1704	NA	6.5	8.0	18.5	8.1	7.9	96	765	35,000	NA	NA
93/09/22	1705	NA	7.5	8.0	18.5	8.0	7.9	96	765	35,400	NA	NA
93/10/28	1200	NA	0.5	8.5	13.5	8.1	9.5	102	755	28,400	2.5	NA
93/10/28	1201	NA	1.5	8.5	13.5	8.1	9.3	100	755	28,800	2.5	NA
93/10/28	1202	NA	3.5	8.5	13.5	8.1	9.4	101	755	28,800	2.5	NA
93/10/28	1203	NA	5.0	8.5	13.5	8.1	9.4	101	755	28,800	2.5	NA
93/10/28	1204	NA	6.5	8.5	13.5	8.1	8.7	95	755	31,400	2.5	NA
93/10/28	1205	NA	8.0	8.5	13.5	8.0	8.7	97	755	34,300	2.5	NA
93/10/28	1720	NA	0.5	8.0	13.5	8.1	9.7	105	755	29,000	NA	NA
93/10/28	1721	NA	1.5	8.0	13.5	8.1	10.0	108	755	29,100	NA	NA
93/10/28	1722	NA	3.5	8.0	13.5	8.1	10.2	110	755	29,100	NA	NA
93/10/28	1723	NA	5.0	8.0	13.5	8.1	10.4	112	755	29,100	NA	NA
93/10/28	1724	NA	6.5	8.0	13.5	8.1	10.0	108	755	29,600	NA	NA
93/10/28	1725	NA	7.5	8.0	13.5	8.1	9.7	106	755	32,000	NA	NA
					395703074060100 Barnegat Bay near Gilford Park							
92/10/29	1008	NA	0.5	6.5	10.5	NA	NA	NA	760	31,800	NA	NA
92/10/29	1003	NA	1.5	6.5	12.0	NA	NA	NA	760	32,500	NA	NA
92/10/29	0959	NA	3.5	6.5	12.0	NA	NA	NA	760	33,300	NA	NA
92/10/29	0950	NA	5.0	6.5	11.5	NA	NA	NA	760	33,500	NA	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
395703074060100 Barnegat Bay near Gilford Park (continued)												
92/12/02	1135	NA	0.5	5.5	6.5	7.5	10.8	99	760	29,600	NA	NA
92/12/02	1136	NA	3.5	5.5	6.5	7.2	10.8	99	760	30,100	NA	NA
92/12/02	1137	NA	5.0	5.5	6.5	6.6	10.9	100	760	30,100	NA	NA
92/12/21	1015	NA	0.5	6.5	4.0	7.7	11.5	97	770	27,600	3.5	NA
92/12/21	1016	NA	1.5	6.5	4.0	7.7	11.5	97	770	27,500	3.5	NA
92/12/21	1017	NA	3.5	6.5	4.0	7.7	11.6	98	770	27,600	3.5	NA
92/12/21	1018	NA	5.0	6.5	4.0	7.1	11.7	99	770	27,500	3.5	NA
92/12/21	1610	NA	0.5	6.0	4.0	8.0	12.0	102	770	28,800	NA	NA
92/12/21	1611	NA	1.5	6.0	4.0	8.0	12.0	102	770	28,800	NA	NA
92/12/21	1612	NA	3.5	6.0	4.0	7.9	12.1	103	770	28,900	NA	NA
92/12/21	1613	NA	5.0	6.0	4.0	7.8	12.2	104	770	29,200	NA	NA
93/01/20	1005	NA	0.5	6.0	1.0	7.4	12.7	98	775	28,400	3.5	NA
93/01/20	1006	NA	1.5	6.0	1.0	7.4	12.7	98	775	28,400	3.5	NA
93/01/20	1007	NA	2.5	6.0	1.0	7.4	12.7	98	775	28,400	3.5	NA
93/01/20	1008	NA	4.0	6.0	1.0	7.4	12.7	98	775	28,400	3.5	NA
93/01/20	1009	NA	6.0	6.0	1.0	7.3	12.7	98	775	28,400	3.5	NA
93/01/20	1450	NA	0.5	6.0	1.5	7.5	12.9	101	775	28,900	3.5	NA
93/01/20	1451	NA	1.5	6.0	1.5	7.5	12.9	101	775	28,900	3.5	NA
93/01/20	1452	NA	2.5	6.0	1.5	7.5	12.8	101	775	28,900	3.5	NA
93/01/20	1453	NA	4.0	6.0	1.5	7.5	12.8	101	775	29,000	3.5	NA
93/01/20	1454	NA	6.0	6.0	1.0	7.5	12.9	102	775	30,100	3.5	NA
93/02/11	1000	NA	0.5	6.0	1.5	8.2	13.1	106	770	33,100	4.5	NA
93/02/11	1001	NA	1.5	6.0	1.5	8.2	13.1	106	770	33,100	4.5	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
395703074060100 Barnegat Bay near Gilford Park (continued)												
93/02/11	1002	NA	3.5	6.0	1.5	8.2	13.2	107	770	33,300	4.5	NA
93/02/11	1003	NA	5.0	6.0	1.0	8.2	13.1	105	770	33,300	4.5	NA
93/02/11	1004	NA	6.0	6.0	1.0	8.1	12.8	103	770	33,300	4.5	NA
93/03/23	0945	NA	0.5	9.0	4.5	7.9	12.6	106	775	23,800	4.0	NA
93/03/23	0946	NA	1.5	9.0	4.5	7.9	12.7	107	775	23,800	4.0	NA
93/03/23	0947	NA	3.5	9.0	4.5	7.9	12.7	107	775	23,800	4.0	NA
93/03/23	0948	NA	5.0	9.0	4.5	7.9	12.8	107	775	23,800	4.0	NA
93/03/23	0949	NA	6.5	9.0	4.5	8.0	13.2	111	775	23,900	4.0	NA
93/03/23	0950	NA	8.0	9.0	4.5	8.1	14.3	120	775	25,700	4.0	NA
93/03/23	1620	NA	0.5	5.5	6.5	8.1	13.0	114	775	24,300	NA	NA
93/03/23	1621	NA	1.5	5.5	6.0	8.0	13.0	113	775	24,400	NA	NA
93/03/23	1622	NA	3.5	5.5	6.0	8.0	13.0	112	775	24,100	NA	NA
93/03/23	1623	NA	5.0	5.5	5.5	8.0	13.6	117	775	24,500	NA	NA
93/04/05	1130	NA	0.5	7.0	7.5	8.0	11.2	100	770	22,700	6.0	NA
93/04/05	1131	NA	1.5	7.0	7.5	8.0	11.2	100	770	22,800	6.0	NA
93/04/05	1132	NA	3.5	7.0	7.0	8.0	11.2	100	770	22,800	6.0	NA
93/04/05	1133	NA	5.0	7.0	7.0	8.0	11.5	103	770	23,600	6.0	NA
93/04/05	1134	NA	6.5	7.0	7.5	8.2	13.2	120	770	25,100	6.0	NA
93/04/05	1650	NA	0.5	6.0	9.0	8.1	11.3	106	770	24,000	NA	NA
93/04/05	1651	NA	2.5	6.0	8.0	8.2	11.8	109	770	26,700	NA	NA
93/04/05	1652	NA	4.0	6.0	8.0	8.2	11.9	110	770	26,500	NA	NA
93/04/05	1653	NA	6.0	6.0	8.0	8.2	12.2	113	770	26,500	NA	NA
93/04/27	1742	NA	0.5	6.0	13.0	7.2	10.2	106	765	24,200	NA	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
395703074060100 Barnegat Bay near Gilford Park (continued)												
93/04/27	1743	NA	1.5	6.0	13.0	7.2	10.2	106	765	24,500	NA	NA
93/04/27	1744	NA	3.5	6.0	13.0	7.2	10.2	106	765	24,500	NA	NA
93/04/27	1745	NA	5.0	6.0	13.0	7.2	10.2	106	765	24,800	NA	NA
93/04/27	1746	NA	5.5	6.0	13.0	7.1	10.3	107	765	24,800	NA	NA
93/05/11	1245	NA	0.5	6.5	20.5	8.3	9.1	110	760	23,600	4.0	NA
93/05/11	1246	NA	1.5	6.5	20.5	8.3	9.2	111	760	23,700	4.0	NA
93/05/11	1247	NA	3.5	6.5	20.5	8.3	9.2	111	760	23,700	4.0	NA
93/05/11	1248	NA	5.0	6.5	20.5	8.3	9.3	112	760	23,700	4.0	NA
93/05/11	1249	NA	6.0	6.5	20.5	8.2	9.6	116	760	23,700	4.0	NA
93/05/11	1830	NA	0.5	7.0	22.0	8.4	9.5	118	760	22,600	NA	NA
93/05/11	1831	NA	1.5	7.0	22.0	8.4	9.6	119	760	23,100	NA	NA
93/05/11	1832	NA	3.5	7.0	22.0	8.4	9.6	119	760	23,100	NA	NA
93/05/11	1833	NA	5.0	7.0	22.0	8.4	9.6	119	760	23,000	NA	NA
93/05/11	1834	NA	6.5	7.0	22.0	8.4	9.7	121	760	23,000	NA	NA
93/05/25	1125	NA	0.5	8.0	19.0	8.0	8.1	96	760	24,600	NA	NA
93/05/25	1126	NA	1.5	8.0	19.0	8.0	8.1	96	760	24,600	NA	NA
93/05/25	1127	NA	3.5	8.0	19.0	8.0	8.1	96	760	24,600	NA	NA
93/05/25	1128	NA	5.0	8.0	19.0	8.0	8.1	96	760	24,700	NA	NA
93/05/25	1129	NA	6.5	8.0	19.0	8.0	7.9	93	760	24,900	NA	NA
93/05/25	1130	NA	7.5	8.0	19.0	7.9	8.0	94	760	25,000	NA	NA
93/05/25	1650	NA	0.5	6.5	21.0	8.2	9.1	112	760	24,600	3.0	NA
93/05/25	1651	NA	1.5	6.5	21.0	8.2	9.1	112	760	25,400	3.0	NA
93/05/25	1652	NA	3.5	6.5	21.0	8.2	9.1	112	760	25,300	3.0	NA
93/05/25	1653	NA	5.0	6.5	21.0	8.2	9.2	113	760	25,400	3.0	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
395703074060100 Barnegat Bay near Gilford Park (continued)												
93/05/25	1654	NA	6.0	6.5	21.0	8.2	9.2	113	760	25,400	3.0	NA
93/06/09	1215	NA	0.5	6.0	21.5	8.3	8.8	109	760	25,300	3.0	NA
93/06/09	1216	NA	1.5	6.0	21.5	8.3	8.8	109	760	25,300	3.0	NA
93/06/09	1217	NA	3.5	6.0	21.0	8.3	8.8	109	760	25,200	3.0	NA
93/06/09	1218	NA	5.0	6.0	21.0	8.3	8.9	110	760	25,100	3.0	NA
93/06/09	1219	NA	5.5	6.0	21.0	8.3	9.0	111	760	25,100	3.0	NA
93/06/09	1830	NA	0.5	6.5	23.0	8.4	9.4	120	760	24,700	NA	NA
93/06/09	1831	NA	1.5	6.5	23.0	8.4	9.4	120	760	24,700	NA	NA
93/06/09	1832	NA	3.5	6.5	23.0	8.4	9.4	120	760	24,700	NA	NA
93/06/09	1833	NA	5.0	6.5	23.0	8.4	9.3	118	760	24,700	NA	NA
93/06/09	1834	NA	6.0	6.5	23.0	8.3	9.4	120	760	25,100	NA	NA
93/06/23	1110	NA	0.5	6.5	23.5	8.2	7.2	93	765	27,300	2.0	NA
93/06/23	1111	NA	1.5	6.5	23.5	8.2	7.2	93	765	27,500	2.0	NA
93/06/23	1112	NA	3.5	6.5	23.5	8.2	7.2	93	765	27,500	2.0	NA
93/06/23	1113	NA	5.0	6.5	23.5	8.2	7.2	93	765	27,500	2.0	NA
93/06/23	1114	NA	5.5	6.5	23.5	8.1	7.4	96	765	27,500	2.0	NA
93/07/08	1645	NA	0.5	6.0	29.5	8.2	7.6	111	760	31,300	2.0	NA
93/07/08	1646	NA	1.5	6.0	29.5	8.2	7.6	111	760	31,300	2.0	NA
93/07/08	1647	NA	3.5	6.0	29.5	8.2	7.5	110	760	31,400	2.0	NA
93/07/08	1648	NA	5.0	6.0	29.0	8.2	7.5	109	760	31,700	2.0	NA
93/07/22	1205	NA	0.5	6.5	24.5	8.2	7.3	98	760	31,100	2.5	NA
93/07/22	1206	NA	1.5	6.5	24.5	8.2	7.3	98	760	31,100	2.5	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
395703074060100 Barnegat Bay near Gilford Park (continued)												
93/07/22	1207	NA	3.5	6.5	24.5	8.2	7.3	98	760	31,100	2.5	NA
93/07/22	1208	NA	5.0	6.5	24.5	8.1	7.3	98	760	31,100	2.5	NA
93/07/22	1209	NA	6.0	6.5	24.5	8.1	7.2	96	760	31,100	2.5	NA
93/07/22	1730	NA	0.5	6.5	25.0	8.2	8.0	109	760	31,200	2.0	NA
93/07/22	1731	NA	1.5	6.5	25.0	8.2	8.0	109	760	31,200	2.0	NA
93/07/22	1732	NA	3.5	6.5	25.0	8.2	8.0	109	760	31,200	2.0	NA
93/07/22	1733	NA	5.0	6.5	25.0	8.2	8.0	109	760	31,100	2.0	NA
93/07/22	1734	NA	6.0	6.5	25.0	8.2	8.1	110	760	31,100	2.0	NA
93/08/03	1140	NA	0.5	7.0	27.5	8.1	6.9	98	760	31,800	2.0	NA
93/08/03	1141	NA	1.5	7.0	27.0	8.1	6.6	93	760	32,500	2.0	NA
93/08/03	1142	NA	3.5	7.0	26.5	8.1	6.4	90	760	32,900	2.0	NA
93/08/03	1143	NA	5.0	7.0	26.5	8.1	6.0	84	760	33,500	2.0	NA
93/08/03	1144	NA	6.5	7.0	26.5	8.0	4.7	66	760	34,100	2.0	NA
93/08/24	1130	NA	0.5	6.5	24.5	8.1	7.3	96	765	27,000	2.0	NA
93/08/24	1131	NA	1.5	6.5	24.5	8.1	7.1	93	765	27,000	2.0	NA
93/08/24	1132	NA	3.5	6.5	24.5	8.0	7.1	93	765	27,000	2.0	NA
93/08/24	1133	NA	5.0	6.5	24.5	8.0	7.1	93	765	27,000	2.0	NA
93/08/24	1134	NA	6.0	6.5	24.5	8.0	7.2	95	765	27,000	2.0	NA
93/08/24	1755	NA	0.5	7.0	25.0	8.2	8.0	106	765	27,000	2.0	NA
93/08/24	1756	NA	1.5	7.0	25.0	8.2	8.0	106	765	26,800	2.0	NA
93/08/24	1757	NA	3.5	7.0	25.0	8.2	8.0	106	765	27,000	2.0	NA
93/08/24	1758	NA	5.0	7.0	25.0	8.2	8.0	106	765	27,600	2.0	NA
93/08/24	1759	NA	6.5	7.0	25.0	8.3	8.1	108	765	28,000	2.0	NA

Appendix 17. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Water-quality data from manual measurements, October 1992 - October 1993--Continued

Date (year/ month/day)	Time	Distance from left bank	Sample depth	Total depth	Temperature	pH	Dissolved-oxygen concentration		Barometric pressure	Specific conduct-ance	Secchi-disk depth	Tidal-water level
							In milligrams per liter	As a percent of saturation				
395703074060100 Barnegat Bay near Gilford Park (continued)												
93/09/08	1125	NA	0.5	5.0	24.5	8.2	6.9	93	760	30,300	NA	NA
93/09/08	1126	NA	1.5	5.0	24.5	8.1	6.9	93	760	30,300	NA	NA
93/09/08	1127	NA	3.5	5.0	24.5	8.1	6.9	93	760	30,400	NA	NA
93/09/08	1128	NA	4.5	5.0	24.5	8.1	6.8	91	760	30,400	NA	NA
93/09/08	1630	NA	0.5	5.5	25.0	8.0	7.0	95	760	30,500	NA	NA
93/09/08	1631	NA	1.5	5.5	25.0	8.0	7.0	95	760	30,700	NA	NA
93/09/08	1632	NA	3.5	5.5	25.0	8.0	7.0	95	760	30,700	NA	NA
93/09/08	1633	NA	5.0	5.5	25.0	8.0	7.0	95	760	30,900	NA	NA
93/09/22	1640	NA	0.5	7.0	18.5	8.2	9.0	108	765	32,700	NA	NA
93/09/22	1641	NA	1.5	7.0	18.5	8.2	9.0	108	765	32,700	NA	NA
93/09/22	1642	NA	3.5	7.0	18.5	8.2	8.8	106	765	32,900	NA	NA
93/09/22	1643	NA	5.0	7.0	18.5	8.2	8.8	106	765	33,400	NA	NA
93/09/22	1644	NA	6.5	7.0	18.5	8.1	8.8	106	765	33,600	NA	NA
93/10/28	1145	NA	0.5	8.0	13.0	8.0	9.0	96	755	28,100	3.0	NA
93/10/28	1146	NA	1.5	8.0	13.0	8.0	9.1	98	755	28,400	3.0	NA
93/10/28	1147	NA	3.5	8.0	13.0	8.0	9.1	98	755	28,400	3.0	NA
93/10/28	1148	NA	5.0	8.0	13.0	8.0	9.1	98	755	28,400	3.0	NA
93/10/28	1149	NA	6.5	8.0	13.0	8.0	9.2	99	755	28,400	3.0	NA
93/10/28	1150	NA	7.5	8.0	13.0	8.0	9.0	97	755	29,400	3.0	NA
93/10/28	1710	NA	0.5	8.0	13.5	8.2	10.0	108	755	29,000	NA	NA
93/10/28	1711	NA	1.5	8.0	13.5	8.2	10.1	109	755	29,100	NA	NA
93/10/28	1712	NA	3.5	8.0	13.5	8.2	10.4	113	755	29,200	NA	NA
93/10/28	1713	NA	5.0	8.0	13.5	8.1	10.8	117	755	29,300	NA	NA
93/10/28	1714	NA	6.5	8.0	13.5	8.1	10.8	117	755	29,300	NA	NA
93/10/28	1715	NA	7.0	8.0	13.5	8.1	10.7	116	755	29,400	NA	NA

Appendix 18. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Results of laboratory measurements of dissolved constituents, October 1992 - October 1993

[Laboratory analyses were conducted on water samples at the stations listed below. USGS, U.S. Geological Survey; NA, not applicable or not available]

Index number (fig. 3)	USGS station number	USGS station name	Location of the channel in the cross section, in percent distance from left to right bank
18	01408685	Toms River at Garden State Parkway	50
19	01408690	Toms River 0.2 miles downstream from Garden State Parkway	10
20	01408695	Toms River near South Toms River	50
21	01408700	Toms River at Toms River	25, 75 (two channels)
22	01408719	Toms River at Cedar Point at South Toms River	50
23	01408722	Toms River near Toms River	50
24	01408730	Toms River at Pine Beach	50
25	01408735	Toms River at Maple Avenue Pier at Island Heights	50
26	01408740	Toms River at Island Heights	50
27	395540074055400	Barnegat Bay near Ocean Gate	NA
28	395611074061800	Barnegat Bay near Bay Shore	NA
29	395703074060100	Barnegat Bay near Gilford Park	NA

Appendix 18. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Results of laboratory measurements of dissolved constituents, October 1992 - October 1993 --Continued

The following information is presented:

Characteristic	Unit	Rounding
Date and time of water sample	NA	NA
Distance from left bank	Percent of distance from left to right bank	1
Sample depth	Feet	0.5
Specific conductance	Microsiemens per centimeter at 25 degrees Celsius	1
Salinity	Parts per thousand	0.01
Dissolved-chloride concentration	Milligrams per liter as chloride	1
Dissolved-solids concentration	Milligrams per liter	1

Appendix 18. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Results of laboratory measurements of dissolved constituents, October 1992 - October 1993--Continued

Date (year/month/day)	Time	Distance from left bank	Sample depth	Specific conductance	Salinity	Dissolved-chloride concentration	Dissolved-solids concentration
			01408685 Toms River at Garden State Parkway at Toms River				
92/10/29	1200	50	0.5	76	0.05	11	176
92/10/29	1155	50	6.5	81	0.04	12	75
			01408690 Toms River 0.2 miles downstream from Garden State Parkway at Toms River				
92/10/29	1145	20	0.5	85	0.06	11	75
92/10/29	1135	20	5.0	163	0.06	14	56
			01408695 Toms River near South Toms River				
92/10/29	1120	50	0.5	172	0.05	12	120
92/10/29	1100	50	7.0	26,100	17.20	10,100	17,600
			01408700 Toms River at Toms River				
92/10/29	1025	75	0.5	613	0.22	154	328
92/10/29	1015	75	4.0	29,200	19.90	11,100	19,200
92/12/02	1000	75	0.5	191.	0.12	50	35
93/02/11	0830	75	0.5	84.	0.04	19	20
93/03/23	0820	75	0.5	75	0.04	10	30
93/04/05	0920	75	0.5	67	0.04	8	50
93/07/08	1510	25	0.5	695	0.40	217	440
93/08/03	1010	25	0.5	235	0.13	57	133
93/09/22	1550	25	0.5	2,100	1.01	562	957
93/10/28	1015	25	0.5	1,200	0.59	330	585
			01408719 Toms River at Cedar Point at South Toms River				
92/10/29	1338	50	0.5	11,800	6.81	13,800	7,080
92/10/29	1320	50	5.0	30,400	19.50	11,400	20,600
93/01/20	0920	50	0.5	11,700	5.64	2,690	5,240
93/04/27	1106	50	0.5	2,740	1.63	808	1,520
93/05/11	1115	50	0.5	7,010	4.44	2,160	3,880
93/05/25	1045	50	0.5	6,570	4.18	2,070	3,740
93/06/09	1115	50	0.5	78	0.05	14	20
93/06/23	1010	50	0.5	13,300	8.98	4,130	8,330
93/07/22	1020	50	0.5	6,870	4.42	2,270	3,980
93/08/24	1025	50	0.5	4,960	3.01	1,460	2,630
93/09/08	1020	50	0.5	7,360	3.83	1,960	3,540

Appendix 18. Measurements at tidal stations in and near the tidal embayment of the Toms River, N.J.--Results of laboratory measurements of dissolved constituents, October 1992 - October 1993--Continued

Date (year/month/day)	Time	Distance from left bank	Sample depth	Specific conductance	Salinity	Dissolved-chloride concentration	Dissolved-solids concentration
			01408722 Toms River near Toms River				
92/10/29	1305	50	0.5	23,200	13.90	8,100	14,400
92/10/29	1245	50	5.0	30,400	19.60	11,700	20,400
			01408735 Toms River at Maple Avenue Pier at Island Heights				
92/10/29	1230	50	0.5	21,700	13.80	10,600	15,000
92/10/29	1210	50	5.0	32,200	20.10	12,700	21,400
			01408740 Toms River at Island Heights				
92/10/29	1152	50	1.0	29,800	18.90	10,400	18,900
92/10/29	1135	50	5.0	29,700	20.20	11,100	31,900
			395540074055400 Barnegat Bay near Ocean Gate				
92/10/29	1115	NA	1.0	28,500	18.40	9,300	18,900
92/10/29	1100	NA	5.0	35,600	22.40	12,700	12,600
			395611074061800 Barnegat Bay near Bay Shore				
92/10/29	1045	NA	0.5	29,300	19.80	10,800	20,900
92/10/29	1030	NA	4.0	31,300	21.70	11,800	22,000
			395703074060100 Barnegat Bay near Gilford Park				
92/10/29	1008	NA	0.5	30,900	19.40	10,900	20,600
92/10/29	0950	NA	5.0	29,000	19.80	10,100	20,400