WATER-QUALITY DATA FOR THE OHIO RIVER FROM NEW CUMBERLAND DAM TO PIKE ISLAND DAM, WEST VIRGINIA AND OHIO, JUNE-OCTOBER 1994

By Kimberly F. Miller and John T. Atkins

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ABSTRACT

This report contains water-quality data for the Ohio River from river mile 51.1 (3.3 miles upstream from New Cumberland Dam) to river mile 84.0 (0.2 mile upstream from Pike Island Dam) that were collected during the summer and fall of 1994. The data were collected to define the water quality of the Ohio River and to use in assessing the proposed effects of hydropower development on the water quality of the Ohio River. Water quality was determined by a combination of synoptic field measurements and continuous-record monitoring. Water-quality characteristics were measured in the field along a longitudinal transect with 18 mid-channel sampling sites; cross-sectional transects of water-quality measurements were made at 5 of these sites. Water-quality measurements were also made at two sites located on the back-channel (Ohio) side of Browns Island and at one site near the middle of the wingwall of New Cumberland Dam. At each longitudinal-transect and back-channel sampling site, measurements of specific conductance, pH, water temperature, and dissolved oxygen concentration were made at four depths (at the surface, about 3.0 feet below the surface, middle of the water column, and near the bottom of the river). Cross-sectional transects and the site near the middle of the wingwall of New Cumberland Dam consisted of three to four detailed vertical profiles of the same characteristics. Estimates of the depth of light penetration (Secchi disk transparency) were made at all cross-sectional sampling locations whenever light and river-surface conditions were appropriate. Synoptic sampling usually was completed in 14 hours or less and was repeated 10 times between June 14 and October 18, 1994.

Continuous-record monitoring of water quality consisted of hourly measurements of specific conductance, pH, water temperature, and dissolved oxygen concentration that were recorded at a depth of 6.6 feet at sites upstream and downstream of New Cumberland Dam. The upstream monitor was suspended from a Coast Guard buoy located approximately in the middle of the navigation channel 0.2 mile upstream from the dam. The downstream monitor was located at the end of the downstream wingwall on the riverside, about 1,200 feet from the dam. Continuous-recording monitors were operated from June through October 1994.

INTRODUCTION

The U.S. Army Corps of Engineers has constructed and operates more than 60 lock-and-dam facilities in the Ohio River Basin, with 20 facilities on the Ohio River mainstem and the rest on major tributaries in the basin (U.S. Army Corps of Engineers, 1990). The lock-and-dam structures form a system of contiguous navigation pools that ensure year-round navigation on the river. Many dams also contain hydroelectric generators that were installed after construction of the navigation structures. In 1989, the Federal Energy Regulatory Commission (FERC) issued licenses for retro-fitting of hydropower at 19 dams in the upper Ohio River Basin, which includes the Allegheny and Monongahela Rivers, and the Ohio River mainstem from Pittsburgh, Pa., to Huntington, W. Va. (fig. 1). However, many of these licenses have since been surrendered.

Some dams scheduled for hydropower development currently are thought to improve the water quality of the river by increasing the rate of gas transfer from the atmosphere to the water (Federal Energy Regulatory Commission, 1988). Water from deep, slow-moving upstream pools is mixed as it passes over or through navigation structures, thereby increasing the amount of surface area in contact with the atmosphere. If the dissolved oxygen (DO) concentration is less than the saturation concentration, the potential exists for absorption of oxygen into the water, a process known as reaeration.

The amount of oxygen added to the water by reaeration at a dam depends, in part, on flow conditions of the river and design characteristics of the structure (Avery and Novak, 1978). Dams on the upper Ohio River downstream from Wheeling, W. Va., are gated structures that discharge several feet below the surface of the downstream pool and provide little reaeration (Federal Energy Regulatory Commission, 1988). Other dams, including overflow dams and gated dams with discharge above the downstream pool level, are more efficient aerators and can be important sources of DO during low-flow conditions of summer and early fall. Dams upstream from Wheeling are of the latter type. Hydropower operation at these surface-discharging structures will divert riverflow through underwater intakes where the opportunity for atmospheric gas exchange is smaller. For dams upstream from Wheeling, the loss of reaeration at low flows, combined with the oxygen consumption associated with waste assimilation and the failure of other oxygen-generating processes such as algal photosynthesis, could reduce DO concentrations below acceptable levels and diminish the waste-assimilation capacity of the river (West Virginia Department of Natural Resources, 1989).

A water-quality monitoring program was begun in 1992 in cooperation with the city of New Martinsville, W. Va., and was designed, in part, to address license requirements for development of hydropower at New Cumberland Dam (FERC Project No. 6901). This dam is located upstream from Wheeling, W. Va., and is the surface-discharge type dam. The program uses continuous-record monitoring and synoptic sampling of water-quality characteristics near the dam and throughout the downstream navigation pool during the summer and fall to provide basic hydrologic and ecologic data on the possible environmental effects of hydropower operation. Synoptic surveys, where water-quality characteristics are analyzed quickly at many locations and depths, have been recommended for incorporation into water-quality impact assessments of proposed hydropower projects at dams and other control structures (Gulliver and others, 1990; Daniil and others, 1991). The study described in this report was conducted in the Pike Island navigation pool, a 33-mi section of the Ohio River that begins at river mile 51.1 (3.3 mi upstream from New Cumberland Dam) and extends downstream to river mile 84.0 (0.2 mi upstream from Pike Island Dam) (fig. 2).

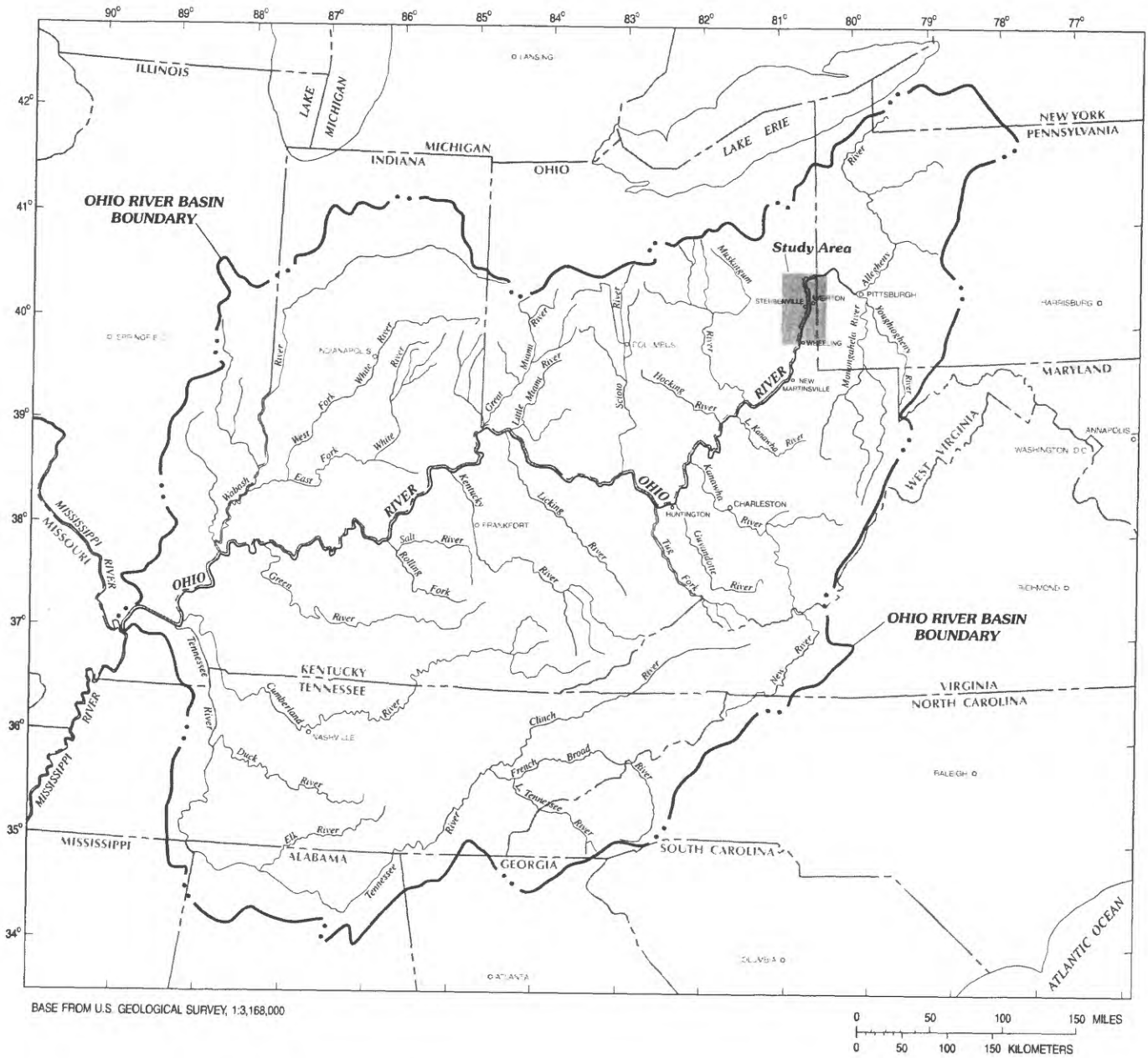

Figure 1. Ohio River drainage basin.

Purpose and Scope

This report presents data collected in 1994 on the spatial and temporal distribution of selected water-quality characteristics in the Pike Island Pool of the Ohio River (the reach of river from New Cumberland Dam at the upstream end to Pike Island Dam at the downstream end). This report contains water-quality data of the Pike Island Pool determined by continuous-record monitoring of conditions near New Cumberland Dam and by repeated synoptic sampling of the entire 33-mi pool. Measurements of specific conductance, pH, water temperature, and DO concentration were recorded by the continuous-recording monitors and were made at each sampling site in the network during synoptic-sampling periods. Water samples also were collected from four depths at various sampling sites. In addition to these measurements,

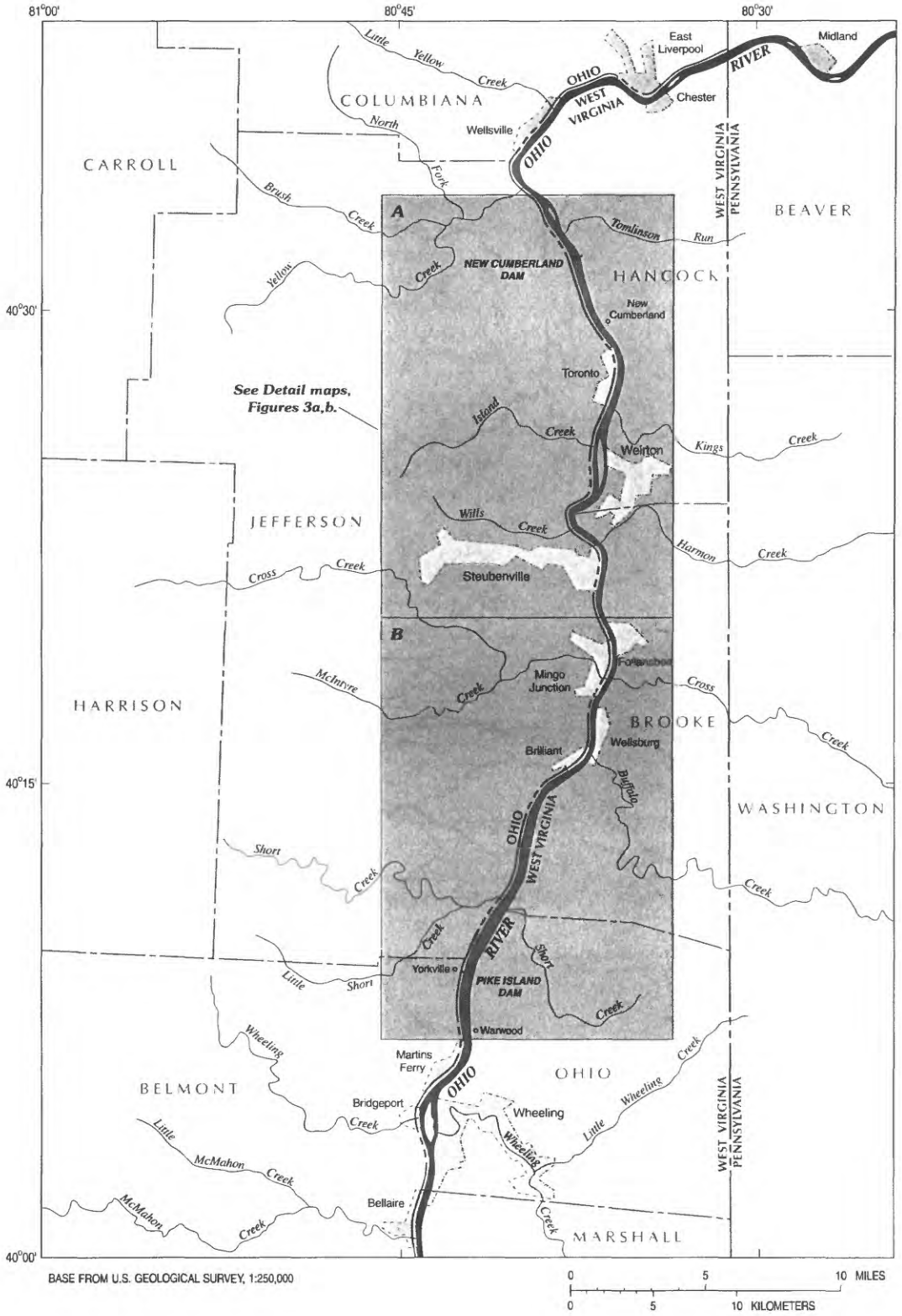

Figure 2. Ohio River study reach.

estimates of the depth of light penetration (Secchi disk transparency) were made at cross-sectional sampling locations whenever light and river-surface conditions were appropriate. Water-quality measurements were made twice in June, July, August, September, and October 1994.

Description of Study Area

Drainage area for the Ohio River at Pike Island Dam is 24,700 mi^2. Most of the drainage basin up to the dam consists of narrow flood plains and deeply incised tributary valleys. The basin is underlain by bedrock that consists of shale, sandstone, siltstone, limestone, and coal (West Virginia Department of Natural Resources, 1988). The average width of the Pike Island pool is 1,338 ft. The average bottom slope is 0.4 ft/mi; the average depth of the pool is 19 ft (Ohio River Valley Water Sanitation Commission, 1988).

Streamflow in the upper Ohio River Basin is related to precipitation and to the balance of precipitation and evapotranspiration. The climate of the region is temperate with distinct seasonal changes. Mean minimum air temperatures (-7.3°C) are generally during January; mean maximum air temperatures (28°C) are generally during July. Average annual air temperature is about 12°C. Annual precipitation in the basin ranges from 20 to 72 in., with heaviest amounts occurring in June or July and minimum amounts occurring in October (West Virginia Department of Natural Resources, 1988). The U.S. Army Corps of Engineers has constructed a system of multi-purpose reservoirs on four main tributaries for flood control. These reservoirs also are used to augment flow and maintain navigation during critical periods.

Land use in the study area is about 15 percent cropland, 9 percent pasture, 46 percent forest, 6 percent urban, and 24 percent other uses (Ohio River Valley Water Sanitation Commission, 1988). Major urban and industrial centers in the reach include Toronto, Ohio, Wierton, W. Va., Steubenville, Ohio, Follansbee, W. Va., Mingo Junction, Ohio, and Wellsburg, W. Va. (fig. 2). The reach includes three municipal drinking-water intakes (Toronto, river mile 59.1; Weirton, river mile 65.1; and Steubenville, river mile 65.2) and 23 industrial intakes. The States of West Virginia and Ohio have issued permits for 13 municipal and 34 industrial effluent discharges in the study reach. Industrial activity along the reach is associated mainly with steel manufacturing, coal preparation, and coal-fired electric-power generation. This section of the river is also used to transport coal, petroleum products, chemicals, and other materials. Seven river terminals handling petroleum products and hazardous chemicals are located in the study reach (Ohio River Valley Water Sanitation Commission, 1988).

DATA-COLLECTION METHODS

Water quality of the Pike Island pool was determined by a combination of synoptic field measurements and continuous-record monitoring. Synoptic field measurements were made on June 14, June 28, July 12, July 26, August 9, August 23, September 7, September 27, October 4, and October 18, 1994. Two continuous-recording monitors were in operation at New Cumberland Dam from June 1 through October 30, 1994.

The field-data-collection network used for synoptic sampling consisted of a longitudinal transect with 18 mid-channel sampling sites; cross-sectional transects of water-quality characteristics were made at 5 of these sites. Water quality also was measured at two sites located on the back-channel (Ohio) side of Browns Island and at one site near the middle of the wingwall of New Cumberland Dam. At each longitudinal-transect and back-channel sampling site, measurements of specific conductance, pH, water temperature, and dissolved oxygen concentration were made at four depths (at the surface, about 3.0 ft below the surface, middle of the water column, and near the bottom of the river). Cross-sectional transects consisted of three to four detailed vertical profiles of the same characteristics. Also, a detailed vertical profile of the above parameters was obtained at the sampling site near the middle of the wingwall. Estimates of the depth of light penetration (Secchi disk transparency) were made at cross-sectional sampling locations whenever light and river-surface conditions were appropriate. Synoptic sampling of the entire network usually was completed in 14 hours or less.

Sampling Cross-Sectional Transects

During each sampling period, water quality was measured in cross-sectional transects at five locations shown in figures 3a and 3b. Two cross sections were located near New Cumberland Dam, at the ends of the upstream and downstream wingwalls (river miles 54.0 and 54.8, respectively) (fig. 3a). Additional cross-sections were located 4.9 mi upstream from the industrial complex at Steubenville, Ohio (river mile 60.3) (fig. 3a) and 6.2 mi downstream from Steubenville (river mile 71.4) (fig. 3b). One cross-sectional transect was located at Pike Island Dam at the end of the upstream wingwall (river mile 84.0) (fig. 3b). As weather permitted, the cross sections at river miles 60.3, 71.4, and 71.4 consisted of near-sunrise cross-sectional transect measurements of water quality. These same sampling sites were also measured during the afternoon of the same day of the near-sunrise measurements.

The downstream cross-sectional transect at New Cumberland Dam and the single cross-sectional transect at Pike Island Dam consisted of four vertical profiles of specific conductance, pH, water temperature, and DO concentration measurements. Positions for the vertical profiles at the downstream cross-sectional transect at New Cumberland Dam were located by estimating 25, 50, 75, and 100 percent of the distance from the left bank to edge of the wingwall. Positions for the vertical profiles at the single cross-sectional transect at Pike Island Dam were located at approximately 1 ft from the edge of the wingwall and by estimating 25, 50, and 75 percent of the distance from the edge of the wingwall to the right bank. Both were sampled in random order to minimize effects of diel changes (changes associated with a 24-hour period which includes both day and night). Cross-sectional transects at other locations consisted of three vertical profiles, with positions determined by estimating 25, 50, and 75 percent of the total width of the river. Weather and river-surface conditions occasionally prevented completion of all vertical profiles in a transect. Vertical-profile measurements were made at the surface, at 3.0 ft, and 5.0 ft, and then at depth intervals of 5.0 ft, using a portable, multiparameter water-quality monitoring system (Hydrolab[1] Surveyor 3). Measuring was begun either at the bottom of the river or at the surface. Barometric pressure was recorded before making each set of field-data measurements by use of a Thommen TX altimeter-barometer.

Sampling Longitudinal Transects

Longitudinal transects consisted of making measurements of specific conductance, pH, water temperature, and DO concentration at four depths (at the surface, about 3.0 ft below the surface, middle of the water column, and near the bottom of the river) at 18 mid-channel sampling sites distributed throughout the Pike Island pool. Two additional sampling sites were located on the back-channel (Ohio) side of Browns Island. A sampling site also was near the middle of the wingwall of New Cumberland Dam where measurements were made at the surface, at 3.0 ft and 5.0 ft, and then in 5.0-ft intervals until near the bottom of the river. The locations of the sampling sites are shown in figures 3a and 3b. Each location corresponds to the position of a U.S. Coast Guard navigation light or daymark. Sampling methods and instruments were the same as for the cross-sectional transects.

Light-Penetration Measurements

At each cross-sectional sampling site, an estimate of the depth of light penetration was made lowering a 9-in.-diameter Secchi disk into the

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

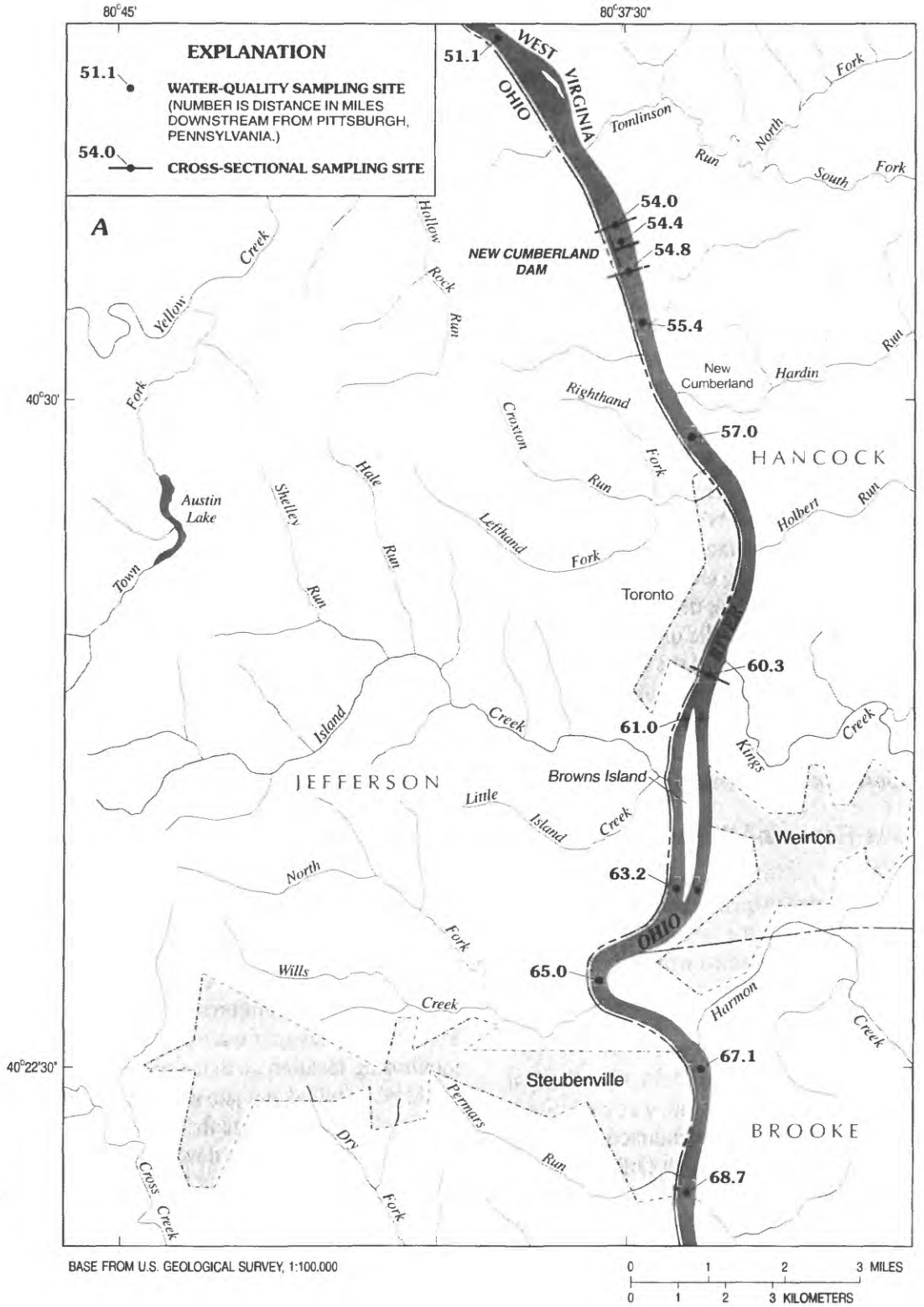

Figure 3a. Water-quality and cross-sectional sampling sites in the upstream section of the study reach.

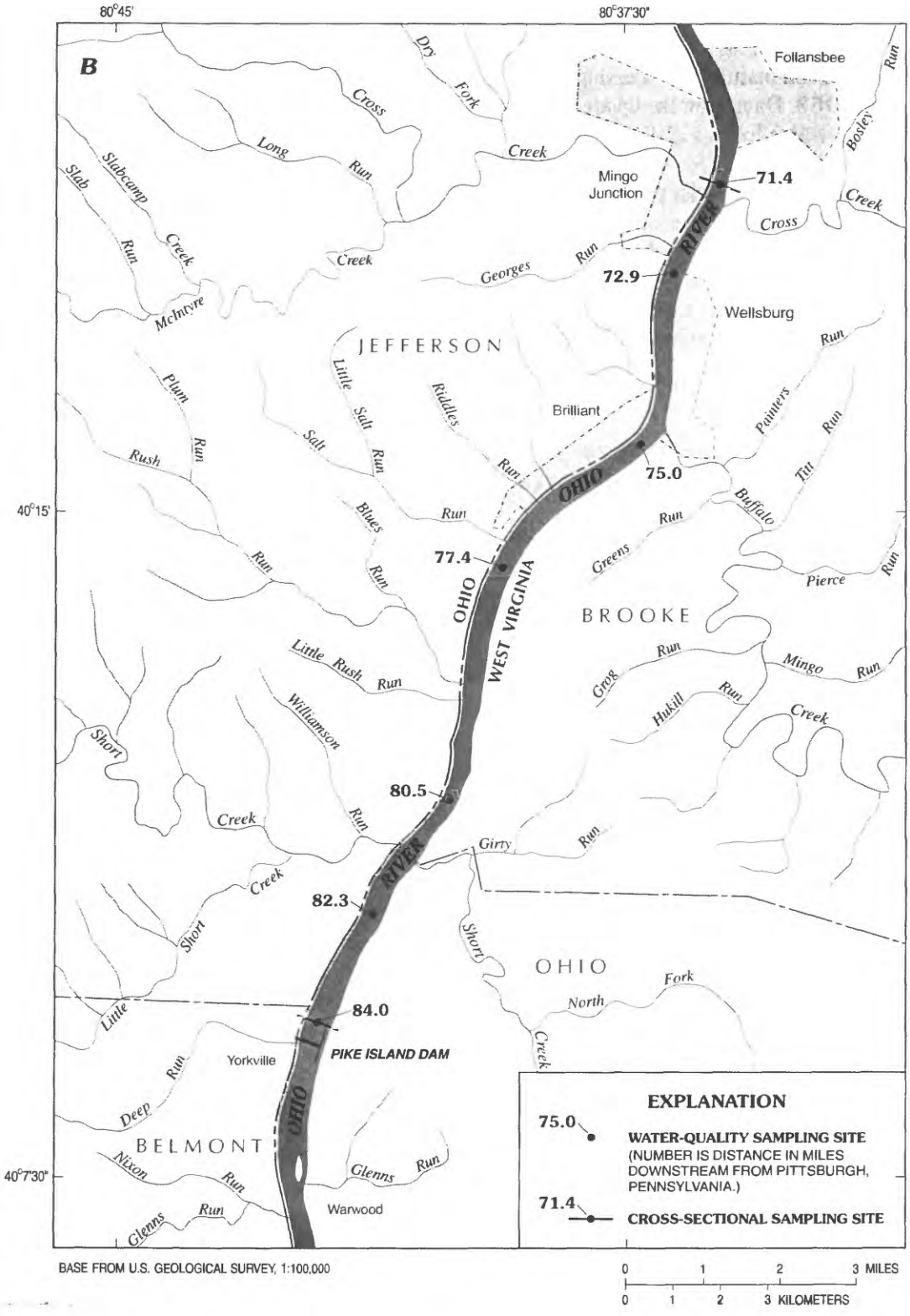

Figure 3b. Water-quality and cross-sectional sampling sites in the downstream section of the study reach.

water until the disk was no longer visible from the surface, and recording the depth. All Secchi disk measurements were made between the hours of 1000 and 1600 Eastern Daylight Savings Time (EDT). Secchi-disk depths were not recorded if the sampling time was outside this time window or if high surface waves made accurate measurement impossible.

Continuous-Record Water-Quality Monitoring

Continuous-recording water-quality monitors were installed in June 1994 at sites upstream and downstream from New Cumberland Dam (fig. 4). Upstream, a Hydrolab Datasonde 3 multiparameter data transmitter recorded hourly measurements of specific conductance, pH, water temperature, and DO concentration. The upstream monitor was housed in a section of 6-in. polyvinyl chloride (PVC) pipe at a fixed depth of 6.6 ft. and suspended from a United States Coast Guard buoy located approximately in the middle of the navigation channel (latitude 40°31'55"N., longitude 80°37'35"W.,). Downstream, a Hydrolab H^20 multiparameter data transmitter connected to a Handar 570A data-collection platform recorded hourly values of specific conductance, pH, water temperature, and DO concentration, and transmitted data at 4-hour intervals by way of the Geostationary Operational Environmental Satellite (GOES). The downstream monitor was housed in

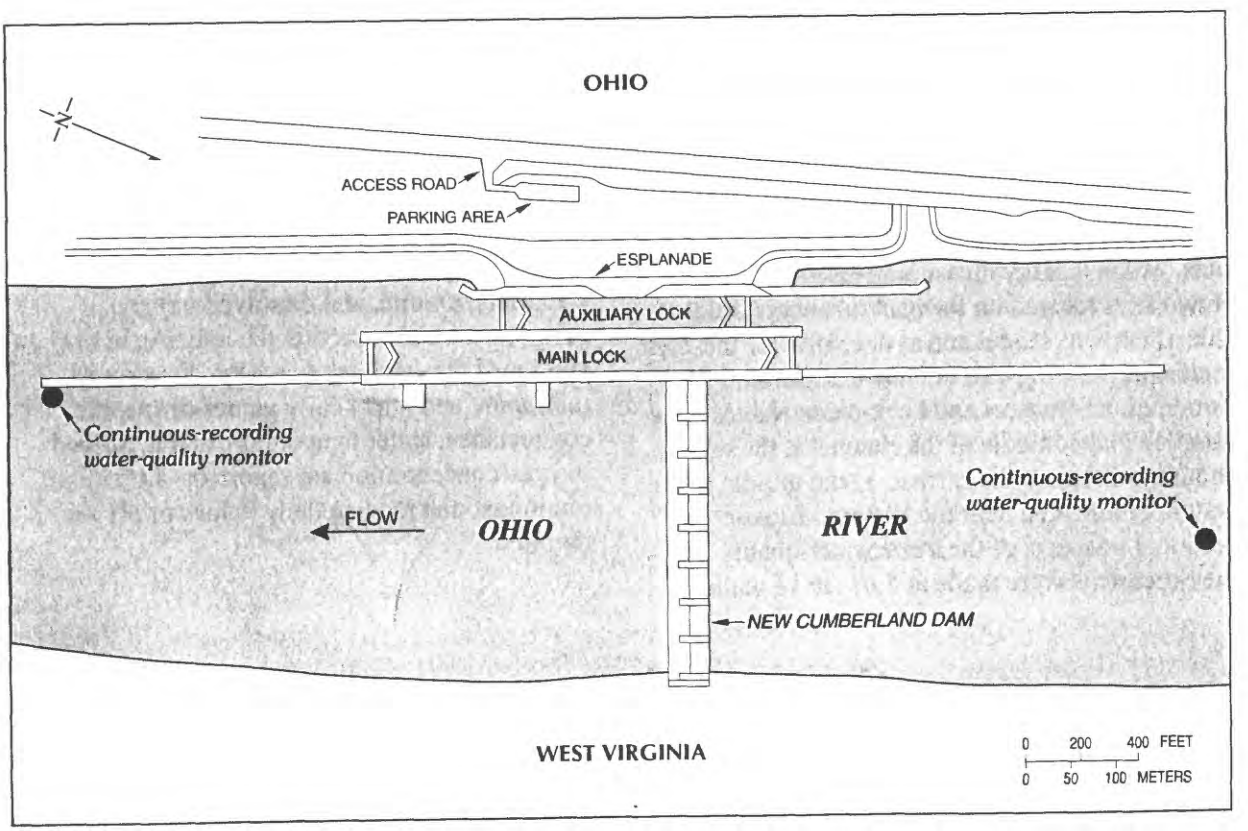

Figure 4. Schematic diagram of New Cumberland Dam showing location of continuous-recording water-quality monitors.

a section of PVC pipe 6 in. in diameter. It was mounted at a fixed depth of 6.6 ft below the surface of the water and was located at the end of the downstream wingwall on the riverside, about 1,200 ft from the dam (latitude 40°31'33"N, longitude 80°37'28"W).

Quality Assurance

The portable water-quality monitoring system was calibrated at the beginning of each sampling period in accordance with the recommendations of the manufacturer (Hydrolab Corporation, 1991) and each parameter was checked periodically during the day for meter drift. Barometric pressure was recorded before each set of field measurement by use of an analog barometer that was calibrated against a mercury barometer maintained by the National Weather Service Forecast Office in Charleston, W. Va.

The portable monitoring system measures DO concentration electrometrically with a standard membrane electrode. The electrode was calibrated by reading the meter against water-saturated air at known temperature and barometric pressure. As a further check of the accuracy of the DO concentration measurements, the electrode response was tested with a solution of sodium sulfite of sufficient concentration (about 1 g/L) to reduce DO concentration to below the detection limit (0.2 mg/L) of the meter (Skougstad and others, 1979).

At least once during each set of cross-sectional transect measurements, a water sample was collected from a point in the cross section at the same time that electrode measurements were recorded, and the DO concentration of the water sample was determined immediately by the Winkler method with azide modification (American Public Health Association and others, 1992, p. 4-100). The meter response was considered accurate if it differed from the results of the Winkler test by no more than 0.2 mg/L. Differences of less than 0.2 mg/L in reported DO concentrations probably are not significant. DO concentration, as a percentage of the saturation concentration, was calculated using the equations and tables of Weiss (1970).

Secchi disk measurements were made by the same individual between the hours of 1000 and 1600 EDT. Secchi disk depths were not recorded if the sampling time was outside this time frame or if high flows or surface waves made measuring impossible.

The continuous-recording water-quality monitors were serviced and recalibrated according to the manufacturer's instructions at least once every 2 weeks, and more frequently during periods of high water temperatures and low riverflows. Two sensor packages were available for each monitoring location so that a precalibrated unit could be installed at a site and the existing unit removed and returned to the laboratory for servicing. Data from the downstream monitor were transmitted from the Data Collection Platform (DCP) by way of the GOES satellite to a local read-out ground station and from there by way of Internet to the Prime. After being transmitted to the Prime, it was processed through Device Conversion & Delivery System (DECODES) and loaded into standard data format into the Automated Data Processing System (ADAPS). Occasionally, there were interruptions to the satellite transmissions and the process was altered. Amendments to the process included downloading the data to a disk and manually processing it through DECODES. Data from the upstream monitor were downloaded to a disk and manually processed through DECODES. Personnel from the USGS West Virginia District performed daily quality control by scanning the unedited data, and checking for data interruptions and erroneous values. Raw data were checked for meter drift and corrected, when necessary, by assuming a linear rate of change between successive recalibrations.

WATER-QUALITY DATA

Water-quality data collected in the Ohio River from New Cumberland Dam to Pike Island Dam during June through October 1994 are presented in tables 1 to 29. Data for the cross-sectional and longitudinal transects are presented in tables 1 to 21. The data are arranged according to location of sampling, date, and depth of sampling. Summaries of continuously recorded water-quality data are presented in tables 22 through 29 and are arranged

according to date, parameter sampled, and location of sample.

Cross-Sectional and Longitudinal - Transect Data

Tables 1 through 21 present water-quality data for cross-sectional and longitudinal transects. Each table contains all water-quality data collected during 1994 at the sampling point indicated. Sampling points are identified by station number and by river mile. The main shipping channel in the Pike Island pool is to the left (the West Virginia side) of Browns Island, the largest island in the pool; the back channel is to the right (the Ohio side) of the island. In this report, locations for both main-channel and back-channel sampling sites are always given as the total distance from the left bank to the middle of the channel. Data are stored electronically in the U.S. Geological Survey Water Data Storage and Retrieval System (WATSTORE). At locations where cross-sectional-transect data were collected, the location of each depth profile is given as the estimated distance in feet from the left bank of the river and the sampling depth is given in feet below the surface of the water.

Complete sets of data were collected for the June 14, June 28, July 12, July 26, August 9, September 7 and September 27 sampling periods. Because of weather conditions, incomplete data sets were collected for the August 23, October 4th and October 18 sampling periods.

Secchi disk transparency is a measure of the relative amount of light available for photosynthesis (Wetzel and Likens, 1979). The depth at which the Secchi disk disappears from view is affected by the concentration of suspended particles and by light-absorbing characteristics of the water. No Secchi disk data were reported before the hour of 1000 nor after the hour of 1600 EDT. Weather conditions and high flows on the river occasionally precluded the collection of Secchi disk data.

Continuous-Record Water-quality Monitoring Data

Continuously recorded monitored water-quality data for the Ohio River at the New Cumberland Dam from June through October 1994 are summarized in tables 22 through 29. These tables contain daily maximum, minimum, and mean values for specific conductance, water temperature, and DO concentration and daily maximum, minimum, and median values for pH for both upstream and downstream continuous-recording monitors. The locations of the monitors are identified by station number and as either the upstream or the downstream location; monitor locations are shown in figure 4. If less than 80 percent of hourly values were recorded for a day, a mean value was not reported for that day. Hourly records are stored permanently in the USGS National Water Information System (NWIS) data base.

SUMMARY

The water-quality data presented in this report were collected during the summer and fall of 1994 as part of a monitoring program designed to assess the effects of hydropower development on water quality in the Pike Island navigation pool of the Ohio River (Ohio River miles 51.1 to 84.0). The data were collected, in part, to satisfy license requirements for development of hydropower at New Cumberland Dam (FERC Hydroelectric Project No. 6901).

Data-collection methods consisted of repeated synoptic sampling of selected water-quality characteristics throughout the pool and continuous-record monitoring.

During synoptic sampling, specific conductance, pH, water temperature, and dissolved oxygen concentration were measured along a longitudinal transect of 18 mid-channel sampling sites. Water-quality measurements also were made at two sites located on the back-channel (Ohio) side of Browns Island and at one site near the middle of the wingwall of New Cumberland Dam. Longitudinal-transect and back-channel sites were sampled in the middle of the channel at the surface, about 3.0 ft below the surface, at the middle of the water column, and near the bottom. Cross-sectional transects of the same water-quality measurements were made at 5 of the 18 main-channel sites. Cross-sectional transects consisted of three to four vertical profiles with measurements at the surface, 3.0 ft, 5.0 ft, and then at intervals of 5.0 ft. An estimate of the depth of light penetration (Secchi disk depth) was made at each cross-sectional sampling site whenever light and river-surface conditions were appropriate. Synoptic water-quality measurements were made twice in June, July, August, September and October 1994.

Continuous-recording water-quality monitors were installed immediately upstream and downstream from the New Cumberland Dam. Hourly measurements of specific conductance, pH, water temperature, and dissolved oxygen concentration were recorded beginning in June and continued through October 1994. Maximum, minimum, and mean daily values of specific conductance, water temperature, and dissolved oxygen concentration are reported. Maximum, minimum, and median daily values of pH are reported.

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Table 1. *Water-quality data for station 403400080392201, Ohio River at river mile 51.1, June to October 1994.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
June									
14	0928	0.5	600	347	8.0	23.7	--	10.0	121
14	0929	2.9	600	348	7.9	23.6	--	9.9	118
14	0931	21	600	354	7.7	23.4	--	9.4	112
14	0930	43	600	353	7.7	23.4	--	9.5	113
28	0852	.2	600	312	7.1	23.9	--	8.7	104
28	0853	3.0	600	312	7.1	23.9	--	8.7	104
28	0855	20	600	310	7.1	23.9	--	8.7	104
28	0854	41	600	311	7.1	23.9	--	8.6	102
July									
12	1215	.2	600	349	7.6	26.8	--	9.1	114
12	1215	2.8	600	348	7.5	26.6	--	8.9	112
12	1217	24	600	354	7.3	26.2	--	8.2	102
12	1216	47	600	349	7.3	26.1	--	8.1	101
26	1130	.2	600	440	7.4	27.8	--	7.5	98
26	1131	3.2	600	442	7.4	27.7	--	7.3	95
26	1132	22	600	442	7.4	27.7	--	7.2	94
26	1131	42	600	441	7.4	27.6	--	7.2	93
August									
09	0950	.4	600	372	7.4	25.1	--	8.8	108
09	0950	3.1	600	372	7.4	25.1	--	8.8	108
09	0952	24	600	374	7.4	25.1	--	8.7	107
09	0951	47	600	375	7.3	25.1	--	8.7	107
23	1137	.3	600	260	7.4	21.7	--	8.8	101
23	1137	3.1	600	260	7.4	21.7	--	8.8	101
23	1139	20	600	261	7.4	21.7	--	8.8	101
23	1138	42	600	264	7.3	21.7	--	8.8	101
September									
07	0858	.3	600	272	7.4	21.1	--	9.5	109
07	0858	3.1	600	272	7.4	21.1	--	9.5	109
07	0900	25	600	283	7.4	21.1	--	9.4	108
07	0859	48	600	286	7.4	21.1	--	9.4	107
27	0900	.2	600	384	7.4	22.0	--	8.2	96
27	0901	3.4	600	386	7.4	22.0	--	7.9	93
27	0904	22	600	383	7.4	22.0	--	8.2	96
27	0903	42	600	392	7.4	22.0	--	8.1	95

Table 1. *Water-quality data for station 403400080392201, Ohio River at river mile 51.1, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
October									
04	1638	0.4	600	371	7.5	18.4	--	9.6	103
04	1638	3.1	600	371	7.4	18.4	--	9.7	104
04	1640	26	600	362	7.4	18.4	--	9.6	103
04	1639	51	600	367	7.4	18.4	--	9.7	105
18	1123	.4	600	342	7.7	15.4	--	10.0	110
18	1122	3.0	600	341	7.7	15.4	--	10.0	110
18	1121	22	600	346	7.7	15.3	--	10.0	109
18	1119	44	600	339	7.7	15.3	--	10.0	109

Table 2. *Water-quality data for station 403156080373201, Ohio River at river mile 54.0, June to October 1994.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
June									
14	0938	0.6	500	352	7.9	26.5	--	9.4	118
14	0939	3.1	500	352	7.9	26.6	--	9.7	122
14	0939	5.1	500	352	7.9	26.6	--	9.7	123
14	0940	9.8	500	351	7.7	24.6	--	9.5	116
14	0940	15	500	353	7.7	23.7	--	9.4	113
14	0941	20	500	353	7.7	23.4	--	9.3	111
14	0941	24	500	354	7.6	23.2	--	9.2	110
14	0942	30	500	355	7.6	23.2	--	9.2	109
14	0942	35	500	355	7.6	23.2	--	9.1	109
14	0943	36	500	354	7.6	23.2	--	9.1	109
14	0958	.5	900	355	7.8	26.5	--	9.4	119
14	0958	2.9	900	355	7.8	26.4	--	9.5	119
14	0959	5.0	900	355	7.8	26.3	3.5	9.5	120
14	0959	9.9	900	353	7.8	24.8	--	9.5	117
14	1000	15	900	353	7.7	24.4	--	9.5	115
14	1000	20	900	354	7.7	24.1	--	9.3	112
14	1001	25	900	352	7.7	23.3	--	9.3	111
14	1001	30	900	355	7.6	23.3	--	9.2	109
14	1006	.6	1,400	354	7.8	26.8	--	9.1	116
14	1006	3.3	1,400	354	7.7	26.3	--	9.4	118
14	1007	5.0	1,400	356	7.7	25.9	--	9.3	116
14	1007	10	1,400	352	7.7	24.3	--	9.4	115
14	1008	15	1,400	351	7.7	23.8	--	9.4	113
14	1008	20	1,400	356	7.7	23.3	--	9.4	112
14	1009	25	1,400	353	7.7	23.3	--	9.3	111
14	1009	28	1,400	356	7.7	23.3	--	9.3	111
28	0905	.2	500	306	7.2	24.0	--	8.7	105
28	0906	2.9	500	306	7.2	24.0	--	8.7	105
28	0906	5.2	500	306	7.2	24.0	--	8.7	105
28	0907	10	500	306	7.2	24.0	--	8.6	105
28	0908	15	500	306	7.1	24.0	--	8.6	104
28	0909	20	500	306	7.1	24.0	--	8.6	104
28	0909	25	500	306	7.1	24.0	--	8.6	104
28	0910	30	500	306	7.1	24.0	--	8.6	104
28	0911	34	500	306	7.1	24.0	--	8.6	104

Table 2. *Water-quality data for station 403156080373201, Ohio River at river mile 54.0, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
June									
28	0915	0.2	900	305	7.2	25.9	--	8.6	108
28	0916	2.8	900	305	7.2	25.0	--	8.7	107
28	0917	4.6	900	305	7.2	24.7	--	8.7	107
28	0919	9.6	900	306	7.2	24.1	--	8.7	105
28	0919	15	900	306	7.2	24.0	--	8.6	105
28	0920	20	900	306	7.2	24.0	--	8.6	104
28	0921	25	900	306	7.2	24.0	--	8.6	104
28	0921	29	900	306	7.1	24.0	--	8.6	104
28	0936	.2	1,400	306	7.2	27.3	--	8.6	110
28	0938	2.9	1,400	302	7.2	26.0	--	8.5	107
28	0939	4.8	1,400	308	7.2	25.4	--	8.6	108
28	0939	10	1,400	308	7.2	24.2	--	8.6	105
28	0940	15	1,400	308	7.2	24.1	--	8.6	104
28	0941	20	1,400	308	7.2	24.1	--	8.6	104
28	0942	25	1,400	308	7.2	24.0	--	8.5	104
28	0943	28	1,400	310	7.1	24.1	--	8.5	103
July									
12	1239	.3	900	379	7.4	29.8	--	8.3	110
12	1239	2.9	900	380	7.4	29.6	--	8.4	111
12	1240	5.0	900	380	7.4	29.5	3.5	8.4	111
12	1240	9.8	900	377	7.4	27.9	--	8.3	107
12	1241	15	900	374	7.4	27.2	--	8.3	106
12	1241	20	900	374	7.4	26.7	--	8.2	103
12	1242	25	900	374	7.4	26.4	--	8.2	102
12	1242	30	900	374	7.3	26.4	--	8.1	102
12	1248	.2	500	381	7.5	29.9	--	8.6	114
12	1248	3.0	500	380	7.5	29.9	--	8.6	114
12	1249	4.8	500	380	7.5	29.8	--	8.4	112
12	1249	9.8	500	381	7.5	28.6	--	8.5	110
12	1250	15	500	372	7.4	27.2	--	8.4	107
12	1250	20	500	368	7.4	26.6	--	8.3	104
12	1251	25	500	365	7.4	26.3	--	8.3	103
12	1251	30	500	364	7.4	26.3	--	8.2	103
12	1252	35	500	367	7.4	26.3	--	8.2	102

Table 2. *Water-quality data for station 403156080373201, Ohio River at river mile 54.0, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
July									
12	1300	0.2	1,400	377	7.4	30.4	--	8.3	112
12	1300	3.0	1,400	376	7.4	29.9	--	8.3	110
12	1301	4.9	1,400	376	7.4	29.1	--	8.3	109
12	1301	10	1,400	378	7.4	27.3	--	8.3	105
12	1302	15	1,400	373	7.4	27.0	--	8.2	104
12	1302	20	1,400	374	7.4	26.5	--	8.1	102
12	1303	25	1,400	373	7.3	26.4	--	8.1	101
12	1304	27	1,400	372	7.3	26.4	--	8.1	101
26	1141	.2	500	433	7.4	32.6	--	7.1	101
26	1141	3.1	500	432	7.4	32.6	--	6.9	98
26	1142	5.2	500	434	7.4	32.6	--	6.9	98
26	1142	10	500	434	7.4	32.4	--	6.8	96
26	1143	15	500	434	7.4	29.8	--	6.8	92
26	1143	20	500	435	7.4	28.6	--	6.9	91
26	1144	25	500	435	7.4	28.1	--	6.9	90
26	1144	30	500	436	7.3	28.0	--	6.9	90
26	1145	35	500	435	7.3	28.0	--	6.8	89
26	1150	.2	1,400	433	7.4	33.0	--	6.8	97
26	1150	3.4	1,400	434	7.4	32.8	--	6.8	97
26	1151	5.0	1,400	434	7.4	32.2	--	6.8	96
26	1151	10	1,400	434	7.4	30.8	--	6.8	94
26	1152	15	1,400	434	7.4	29.5	--	6.9	92
26	1152	20	1,400	434	7.4	28.5	--	6.9	91
26	1153	25	1,400	435	7.3	28.3	--	6.8	89
26	1153	28	1,400	435	7.3	28.2	--	6.8	89
26	1156	.2	900	434	7.4	32.6	--	6.9	98
26	1156	3.5	900	433	7.4	32.6	3.5	6.9	97
26	1157	5.2	900	433	7.4	32.5	--	6.9	97
26	1157	9.7	900	434	7.4	31.1	--	6.9	95
26	1158	15	900	433	7.4	29.9	--	6.9	93
26	1158	20	900	435	7.4	28.8	--	6.9	91
26	1159	25	900	436	7.4	28.2	--	6.9	90
26	1159	30	900	435	7.3	28.2	--	6.9	90

Table 2. *Water-quality data for station 403156080373201, Ohio River at river mile 54.0, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
August									
09	1000	0.5	500	378	7.3	25.1	--	8.6	106
09	1001	2.9	500	374	7.3	25.0	--	8.7	107
09	1001	5.1	500	374	7.3	25.0	--	8.7	106
09	1002	10	500	374	7.3	24.9	--	8.6	106
09	1002	15	500	373	7.3	24.9	--	8.5	104
09	1003	20	500	374	7.3	24.9	--	8.5	104
09	1003	25	500	379	7.3	24.9	--	8.5	104
09	1004	30	500	377	7.3	24.9	--	8.5	104
09	1004	35	500	379	7.3	24.9	--	8.5	104
09	1013	.4	900	376	7.4	25.1	--	8.9	109
09	1013	3.1	900	377	7.3	25.0	--	8.8	108
09	1014	5.1	900	376	7.3	25.0	3.5	8.7	107
09	1014	10	900	376	7.3	25.0	--	8.7	106
09	1015	15	900	378	7.3	25.0	--	8.7	106
09	1015	20	900	375	7.3	25.0	--	8.6	106
09	1016	25	900	374	7.3	24.9	--	8.6	105
09	1016	30	900	380	7.3	24.9	--	8.6	105
09	1017	32	900	379	7.3	24.9	--	8.5	105
09	1030	.6	1,400	377	7.4	28.2	--	8.6	112
09	1031	3.2	1,400	376	7.3	27.8	--	8.6	111
09	1031	5.1	1,400	374	7.3	27.2	--	8.6	110
09	1032	10	1,400	376	7.3	25.6	--	8.7	108
09	1032	15	1,400	375	7.3	25.1	--	8.8	108
09	1033	20	1,400	374	7.3	25.0	--	8.6	106
09	1033	25	1,400	375	7.3	25.0	--	8.6	105
09	1034	30	1,400	375	7.3	25.0	--	8.6	105
09	1035	31	1,400	375	7.3	25.0	--	8.6	105
23	1153	.5	900	263	7.4	21.8	--	8.8	102
23	1153	3.2	900	263	7.3	21.7	2.5	8.9	102
23	1154	5.0	900	263	7.3	21.7	--	8.9	102
23	1154	9.9	900	263	7.3	21.7	--	8.9	102
23	1155	15	900	263	7.3	21.7	--	8.8	102
23	1155	20	900	263	7.3	21.7	--	8.8	102
23	1156	24	900	263	7.3	21.7	--	8.8	102
23	1156	30	900	263	7.3	21.7	--	8.9	102

Table 2. *Water-quality data for station 403156080373201, Ohio River at river mile 54.0, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
August									
23	1206	0.5	500	261	7.3	21.8	--	8.8	101
23	1206	2.9	500	261	7.3	21.8	--	8.8	101
23	1205	5.9	500	261	7.4	21.8	--	8.8	101
23	1205	9.8	500	262	7.3	21.7	--	8.8	101
23	1203	15	500	262	7.3	21.7	--	8.8	101
23	1204	21	500	262	7.3	21.7	--	8.8	101
23	1204	25	500	262	7.3	21.7	--	8.8	101
23	1203	33	500	263	7.3	21.7	--	8.8	101
23	1214	.4	1,400	264	7.4	21.7	--	8.9	102
23	1215	3.1	1,400	265	7.4	21.7	--	8.8	102
23	1215	5.6	1,400	265	7.4	21.7	--	8.8	102
23	1213	10	1,400	265	7.4	21.7	--	8.8	101
23	1214	15	1,400	265	7.4	21.7	--	8.8	101
23	1212	20	1,400	266	7.4	21.7	--	8.8	101
23	1212	25	1,400	267	7.4	21.7	--	8.8	101
23	1213	29	1,400	267	7.3	21.7	--	8.8	102
September									
07	0908	.3	500	277	7.4	20.9	--	9.2	105
07	0908	3.1	500	274	7.4	21.1	--	9.3	105
07	0909	5.1	500	278	7.4	21.1	--	9.3	106
07	0909	10	500	274	7.4	21.1	--	9.3	105
07	0910	15	500	279	7.4	21.1	--	9.3	106
07	0910	20	500	279	7.4	21.1	--	9.3	105
07	0911	25	500	279	7.4	21.1	--	9.3	105
07	0911	30	500	273	7.4	21.1	--	9.3	105
07	0912	35	500	279	7.4	21.0	--	9.2	105
07	0934	.3	900	277	7.4	20.9	--	9.2	105
07	0934	2.6	900	278	7.4	21.1	--	9.3	106
07	0935	4.9	900	278	7.4	21.1	--	9.3	106
07	0936	10	900	278	7.4	21.1	--	9.3	106
07	0937	15	900	274	7.4	21.1	--	9.2	105
07	0938	20	900	279	7.4	21.1	--	9.2	105
07	0938	25	900	280	7.4	21.1	--	9.2	105
07	0939	30	900	284	7.4	21.1	--	9.2	105

Table 2. *Water-quality data for station 403156080373201, Ohio River at river mile 54.0, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
September									
07	0943	0.3	1,400	279	7.4	24.6	--	9.1	111
07	0943	3.2	1,400	279	7.4	23.1	--	9.2	109
07	0944	5.3	1,400	276	7.4	22.7	--	9.2	108
07	0944	10	1,400	275	7.4	21.8	--	9.2	107
07	0945	15	1,400	275	7.4	21.1	--	9.3	106
07	0945	20	1,400	281	7.4	21.1	--	9.2	105
07	0946	25	1,400	276	7.4	21.1	--	9.2	105
07	0946	28	1,400	274	7.4	21.1	--	9.2	105
27	0912	.2	500	378	7.4	23.6	--	7.6	92
27	0912	2.9	500	380	7.3	23.5	--	7.7	94
27	0913	4.7	500	378	7.3	23.3	--	7.6	91
27	0913	9.7	500	377	7.3	22.3	--	7.7	92
27	0914	15	500	376	7.3	22.0	--	7.8	91
27	0914	20	500	379	7.3	22.0	--	7.7	90
27	0916	25	500	381	7.3	22.0	--	7.6	89
27	0916	30	500	381	7.3	22.0	--	7.6	89
27	0917	36	500	380	7.3	22.0	--	7.5	88
27	0925	.2	900	378	7.3	24.1	--	7.4	91
27	0926	2.5	900	382	7.3	23.9	--	7.6	92
27	0927	4.7	900	377	7.3	23.8	--	7.9	96
27	0928	9.8	900	376	7.3	23.4	--	7.5	90
27	0930	16	900	380	7.4	23.1	--	7.5	89
27	0930	20	900	380	7.4	22.1	--	7.7	90
27	0932	25	900	381	7.4	22.0	--	7.8	91
27	0932	29	900	381	7.3	22.0	--	7.7	90
27	0938	.2	1,400	379	7.3	25.3	--	7.7	97
27	0938	2.8	1,400	381	7.3	24.6	--	7.7	95
27	0939	4.8	1,400	378	7.3	24.2	--	7.5	92
27	0940	9.7	1,400	376	7.3	22.4	--	7.6	90
27	0941	14	1,400	380	7.3	22.2	--	7.8	92
27	0941	20	1,400	376	7.3	22.0	--	7.8	92
27	0942	25	1,400	377	7.3	22.0	--	7.6	89
27	0942	28	1,400	380	7.3	22.0	--	7.6	90

Table 2. *Water-quality data for station 403156080373201, Ohio River at river mile 54.0, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
October									
04	1616	0.4	1,400	381	7.4	20.4	--	9.4	106
04	1616	3.1	1,400	380	7.4	20.3	--	9.4	105
04	1617	5.1	1,400	381	7.4	20.2	--	9.3	104
04	1617	10	1,400	380	7.4	19.8	--	9.2	101
04	1618	15	1,400	379	7.4	18.3	--	9.7	105
04	1618	20	1,400	379	7.4	18.3	--	9.7	104
04	1619	25	1,400	379	7.4	18.3	--	9.8	105
04	1619	30	1,400	379	7.4	18.3	--	9.7	104
04	1623	.5	900	377	7.4	18.2	--	9.5	102
04	1623	3.1	900	377	7.4	18.3	--	9.6	103
04	1624	5.2	900	377	7.4	18.3	--	9.5	102
04	1624	10	900	377	7.4	18.3	--	9.5	102
04	1625	15	900	378	7.4	18.3	--	9.7	104
04	1625	20	900	378	7.4	18.3	--	9.7	104
04	1626	25	900	378	7.4	18.3	--	9.7	104
04	1626	30	900	378	7.4	18.3	--	9.6	104
04	1628	.4	500	375	7.4	18.3	--	9.6	103
04	1628	3.1	500	375	7.4	18.3	--	9.6	103
04	1629	5.2	500	375	7.4	18.3	--	9.6	103
04	1629	10	500	376	7.4	18.3	--	9.6	103
04	1630	15	500	375	7.4	18.3	--	9.6	103
04	1630	20	500	375	7.4	18.3	--	9.5	103
04	1631	25	500	375	7.4	18.3	--	9.5	102
04	1631	30	500	373	7.4	18.3	--	9.5	102
04	1632	35	500	374	7.4	18.3	--	9.5	102
18	1223	.3	1,400	336	7.9	18.3	--	10.0	115
18	1224	3.0	1,400	339	7.8	18.1	--	10.0	114
18	1224	5.1	1,400	336	7.7	17.4	--	10.0	111
18	1222	10	1,400	338	7.7	16.3	--	10.0	107
18	1223	15	1,400	340	7.7	15.7	--	10.0	105
18	1221	20	1,400	340	7.7	15.4	--	10.0	104
18	1221	25	1,400	342	7.6	15.3	--	10.0	103
18	1222	30	1,400	342	7.6	15.2	--	10.0	103
18	1220	35	1,400	342	7.6	15.2	--	10.0	103
18	1220	36	1,400	342	7.6	15.3	--	10.0	104

Table 2. *Water-quality data for station 403156080373201, Ohio River at river mile 54.0, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
October									
18	1243	0.3	900	340	7.7	18.3	--	10.0	113
18	1244	3.0	900	337	7.8	17.6	2.5	10.0	112
18	1244	5.0	900	337	7.7	17.4	--	10.0	110
18	1242	9.9	900	336	7.7	16.7	--	10.0	108
18	1242	15	900	339	7.7	16.3	--	10.0	106
18	1243	20	900	339	7.7	15.6	--	10.0	104
18	1241	25	900	342	7.6	15.3	--	10.0	103
18	1241	30	900	340	7.6	15.3	--	10.0	103
18	1251	.2	500	339	7.7	19.1	--	10.0	113
18	1252	3.1	500	337	7.7	17.7	--	10.0	109
18	1250	4.7	500	337	7.7	17.6	--	10.0	108
18	1251	9.8	500	337	7.7	16.3	--	10.0	106
18	1249	15	500	336	7.7	15.8	--	10.0	104
18	1250	20	500	336	7.6	15.4	--	10.0	103
18	1248	25	500	336	7.6	15.4	--	10.0	103
18	1248	30	500	336	7.6	15.4	--	10.0	103
18	1249	31	500	336	7.6	15.4	--	10.0	103

Table 3. *Water-quality data for station 403139080373801, Ohio River at river mile 54.4, June to October 1994.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
June									
14	1017	0.6	1,100	355	7.8	27.7	--	8.9	115
14	1017	3.1	1,100	355	7.8	27.5	--	9.3	120
14	1018	4.7	1,100	355	7.8	27.3	--	9.3	119
14	1018	10	1,100	357	7.8	27.1	--	9.3	119
14	1019	15	1,100	354	7.7	26.0	--	9.0	113
14	1019	20	1,100	353	7.7	24.3	--	9.2	112
14	1020	25	1,100	353	7.7	24.2	--	9.2	112
14	1020	30	1,100	354	7.7	24.2	--	9.3	112
14	1021	31	1,100	353	7.7	23.9	--	9.3	112
28	1001	.2	1,100	307	7.2	28.6	--	8.4	109
28	0956	3.3	1,100	305	7.2	28.0	--	8.4	109
28	0957	5.0	1,100	307	7.2	28.0	--	8.4	110
28	0957	9.9	1,100	306	7.2	27.9	--	8.4	109
28	0958	15	1,100	305	7.2	25.6	--	8.3	104
28	0959	20	1,100	302	7.2	24.9	--	8.3	103
28	0959	25	1,100	303	7.2	24.6	--	8.4	102
28	1000	30	1,100	300	7.1	24.5	--	8.3	102
July									
12	1316	.2	1,100	381	7.5	31.0	--	8.3	112
12	1317	2.9	1,100	380	7.5	30.8	--	8.4	113
12	1318	5.1	1,100	379	7.4	30.5	--	8.3	111
12	1318	9.9	1,100	379	7.4	30.3	--	8.2	110
12	1319	15	1,100	381	7.4	30.0	--	8.3	110
12	1319	20	1,100	380	7.4	28.0	--	8.1	105
12	1320	25	1,100	380	7.4	27.6	--	8.1	104
12	1320	29	1,100	379	7.4	27.1	--	8.0	102
26	1301	.2	1,100	434	7.4	33.2	--	7.0	98
26	1302	3.0	1,100	433	7.4	33.1	--	6.9	97
26	1303	5.0	1,100	434	7.4	33.1	--	6.9	97
26	1304	10	1,100	434	7.4	32.5	--	6.8	94
26	1304	15	1,100	434	7.4	32.5	--	6.9	96
26	1305	20	1,100	437	7.3	31.2	--	6.8	92
26	1305	26	1,100	433	7.4	30.6	--	6.8	91
26	1306	30	1,100	437	7.3	29.7	--	6.7	89
26	1307	31	1,100	437	0.7	29.5	--	6.6	87

Table 3. *Water-quality data for station 403139080373801, Ohio River at river mile 54.4, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
August									
09	1046	0.4	1,100	376	7.4	28.7	--	8.6	112
09	1047	3.0	1,100	377	7.4	28.7	--	8.6	113
09	1047	5.0	1,100	376	7.4	28.7	--	8.6	113
09	1048	10	1,100	376	7.3	28.5	--	8.6	112
09	1049	15	1,100	375	7.3	26.1	--	8.5	107
09	1049	20	1,100	376	7.3	25.6	--	8.5	106
09	1050	24	1,100	376	7.3	25.5	--	8.5	105
September									
07	0958	.3	1,100	267	7.4	24.8	--	9.2	113
07	0959	2.8	1,100	279	7.4	24.5	--	9.2	112
07	0959	5.2	1,100	279	7.4	24.4	--	9.2	112
07	1000	10	1,100	278	7.3	24.4	--	9.2	112
07	1000	15	1,100	281	7.3	23.6	--	9.2	110
07	1001	20	1,100	276	7.3	21.5	--	9.2	106
07	1001	25	1,100	281	7.3	21.5	--	9.2	106
07	1002	30	1,100	280	7.3	21.5	--	9.2	106
27	1002	.5	1,100	381	7.4	26.0	--	7.1	90
27	1001	2.8	1,100	380	7.4	25.8	--	7.2	91
27	1000	5.0	1,100	380	7.4	25.9	--	7.2	91
27	1000	10	1,100	380	7.3	26.1	--	7.5	95
27	0959	15	1,100	380	7.3	25.5	--	7.0	88
27	0958	20	1,100	380	7.3	25.2	--	7.1	88
27	0957	25	1,100	378	7.3	22.5	--	6.5	77
27	0955	30	1,100	377	7.3	22.4	--	7.0	82
October									
04	1607	.3	1,100	384	7.5	21.7	--	9.2	106
04	1606	3.0	1,100	384	7.5	21.8	--	8.9	103
04	1606	5.2	1,100	384	7.5	21.8	--	8.9	103
04	1605	10	1,100	384	7.5	21.6	--	8.9	102
04	1605	15	1,100	384	7.5	20.0	--	9.1	101
04	1604	20	1,100	383	7.5	19.4	--	9.2	101
04	1604	25	1,100	382	7.5	19.3	--	9.3	102
04	1603	30	1,100	382	7.5	19.2	--	9.1	99
18	1210	.2	1,100	337	7.7	19.4	--	10.0	112
18	1209	2.9	1,100	335	7.7	19.2	--	10.0	111
18	1209	5.2	1,100	341	7.7	18.8	--	10.0	110
18	1208	9.9	1,100	339	7.6	16.7	--	10.0	105
18	1207	15	1,100	333	7.6	16.2	--	10.0	103
18	1206	20	1,100	341	7.6	15.9	--	10.0	103
18	1206	25	1,100	337	7.6	15.9	--	10.0	104
18	1205	31	1,100	344	7.6	15.9	--	10.0	111

Table 4. *Water-quality data for station 403115080371801, Ohio River at river mile 54.8, June to October 1994.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
June									
14	1100	0.7	400	353	7.8	25.0	--	9.2	114
14	1100	2.9	400	353	7.8	25.0	--	9.3	114
14	1101	5.0	400	354	7.8	24.9	--	9.3	114
14	1101	10	400	354	7.7	24.9	--	9.3	115
14	1102	15	400	354	7.7	24.9	--	9.3	114
14	1104	.5	700	354	7.8	25.2	--	9.2	114
14	1104	2.9	700	354	7.8	25.0	--	9.3	115
14	1105	5.0	700	354	7.8	25.0	3.0	9.3	115
14	1105	10	700	354	7.8	25.0	--	9.4	115
14	1106	15	700	355	7.8	24.9	--	9.3	114
14	1106	18	700	355	7.8	24.9	--	9.3	115
14	1109	.6	1,100	355	7.8	25.1	--	8.9	110
14	1110	3.1	1,100	354	7.8	25.1	--	9.3	115
14	1111	5.2	1,100	355	7.8	25.1	--	9.3	115
14	1111	10	1,100	355	7.8	25.0	--	9.3	115
14	1112	15	1,100	355	7.8	25.1	--	9.3	115
14	1112	17	1,100	355	7.8	25.1	--	9.3	115
14	1135	.8	1,500	355	7.9	25.3	--	9.4	116
14	1136	2.9	1,500	354	7.8	25.3	--	9.4	116
14	1136	5.1	1,500	355	7.8	25.3	--	9.4	116
14	1137	10	1,500	354	7.8	25.3	--	9.4	116
14	1137	13	1,500	357	7.8	25.3	--	9.4	116
28	1033	.2	400	305	7.2	25.1	--	8.8	109
28	1034	2.5	400	305	7.2	25.1	--	8.8	109
28	1035	5.0	400	305	7.2	25.1	--	8.9	108
28	1035	10	400	305	7.2	25.1	--	8.9	108
28	1036	15	400	305	7.2	25.1	--	8.8	109
28	1041	.2	700	305	7.2	25.3	--	8.8	109
28	1043	2.8	700	306	7.2	25.3	--	8.7	109
28	1043	5.0	700	306	7.2	25.3	3.0	8.8	109
28	1044	10	700	307	7.2	25.3	--	8.8	109
28	1046	15	700	310	7.2	25.3	--	8.8	109
28	1046	16	700	300	7.2	25.3	--	8.8	109

Table 4. *Water-quality data for station 403115080371801, Ohio River at river mile 54.8, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
June									
28	1048	0.2	1,100	303	7.2	25.4	--	8.7	109
28	1052	3.0	1,100	304	7.2	25.3	--	8.8	109
28	1051	5.3	1,100	308	7.2	25.3	--	8.8	109
28	1050	9.8	1,100	307	7.2	25.3	--	8.8	109
28	1050	15	1,100	303	7.2	25.3	--	8.8	109
28	1100	.2	1,500	305	7.2	25.7	--	8.8	110
28	1100	3.5	1,500	305	7.2	25.6	--	8.8	110
28	1101	5.1	1,500	305	7.2	25.6	--	8.8	110
28	1101	10	1,500	306	7.2	25.6	--	8.8	110
28	1102	14	1,500	306	7.2	25.6	--	8.8	109
July									
12	1408	0.2	1,500	378	7.5	28.7	--	8.6	112
12	1409	3.0	1,500	379	7.5	28.7	--	8.7	113
12	1409	5.0	1,500	378	7.5	28.7	--	8.7	113
12	1410	9.9	1,500	377	7.5	28.7	--	8.7	113
12	1410	15	1,500	377	7.5	28.7	--	8.7	113
12	1411	18	1,500	379	7.5	28.7	--	8.7	113
12	1421	.2	1,100	378	7.5	28.8	--	8.7	113
12	1422	2.9	1,100	377	7.5	28.7	--	8.7	113
12	1422	4.8	1,100	379	7.5	28.6	--	8.6	112
12	1423	10	1,100	378	7.4	28.6	--	8.6	112
12	1423	13	1,100	376	7.4	28.6	--	8.6	111
12	1426	.3	700	375	7.5	28.6	--	8.6	112
12	1427	3.0	700	375	7.4	28.5	--	8.6	111
12	1428	5.0	700	377	7.4	28.5	3.5	8.6	111
12	1428	9.9	700	376	7.4	28.5	--	8.6	111
12	1429	14	700	376	7.4	28.5	--	8.6	111
12	1432	.3	400	375	7.5	28.2	--	8.7	112
12	1432	3.1	400	374	7.4	28.2	--	8.6	111
12	1433	5.1	400	374	7.4	28.2	--	8.6	111
12	1434	9.9	400	373	7.4	28.2	--	8.6	111
12	1434	15	400	374	7.4	28.1	--	8.6	111
12	1435	18	400	372	7.4	28.1	--	8.6	111

Table 4. *Water-quality data for station 403115080371801, Ohio River at river mile 54.8, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
July									
26	1020	0.2	1,500	433	7.4	30.1	--	7.8	104
26	1020	2.9	1,500	435	7.4	30.1	--	7.8	106
26	1021	4.7	1,500	435	7.4	30.1	--	7.8	106
26	1021	9.8	1,500	436	7.4	30.1	--	7.8	106
26	1022	15	1,500	436	7.4	30.1	--	7.8	105
26	1023	17	1,500	433	7.4	30.1	--	7.8	105
26	1055	.2	400	434	7.4	30.3	--	7.7	105
26	1055	3.1	400	435	7.4	30.3	--	7.7	105
26	1056	4.8	400	434	7.4	30.3	--	7.7	105
26	1056	10	400	434	7.4	30.3	--	7.7	105
26	1057	14	400	436	7.4	30.3	--	7.7	105
26	1059	.2	1,100	432	7.4	30.6	--	7.7	105
26	1059	2.9	1,100	433	7.4	30.5	--	7.7	105
26	1100	5.1	1,100	434	7.4	30.4	--	7.7	104
26	1100	9.9	1,100	434	7.4	30.1	--	7.7	104
26	1101	15	1,100	432	7.4	30.1	--	7.6	104
26	1101	20	1,100	433	7.4	30.0	--	7.6	103
26	1103	.2	700	431	7.4	30.5	--	7.7	105
26	1103	3.4	700	433	7.4	30.4	3.0	7.7	105
26	1104	4.4	700	434	7.4	30.4	--	7.7	105
26	1104	9.9	700	432	7.4	30.4	--	7.7	105
26	1105	14	700	432	7.4	30.4	--	7.7	105
August									
09	1145	.6	1,500	374	7.4	26.6	--	9.0	114
09	1146	3.1	1,500	378	7.4	26.6	--	9.0	113
09	1146	5.3	1,500	376	7.4	26.6	--	9.0	113
09	1147	10	1,500	377	7.4	26.6	--	8.9	113
09	1148	15	1,500	373	7.4	26.6	--	8.9	113
09	1149	16	1,500	381	7.4	26.6	--	8.9	112
09	1152	.5	1,100	373	7.4	26.3	--	9.0	113
09	1152	2.9	1,100	376	7.4	26.3	--	8.9	112
09	1153	4.9	1,100	373	7.4	26.3	--	8.9	112
09	1153	10	1,100	377	7.4	26.3	--	8.9	112
09	1154	15	1,100	380	7.4	26.3	--	8.9	112

Table 4. *Water-quality data for station 403115080371801, Ohio River at river mile 54.8, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
August									
09	1156	0.4	700	374	7.4	26.3	--	8.9	111
09	1158	3.9	700	373	7.4	26.2	3.5	8.9	111
09	1157	5.2	700	373	7.4	26.2	--	8.9	111
09	1157	10	700	373	7.4	26.2	--	8.9	112
09	1158	15	700	380	7.4	26.3	--	8.9	112
09	1156	18	700	378	7.4	26.3	--	8.9	112
09	1201	.4	400	374	7.4	26.0	--	9.0	112
09	1201	3.1	400	372	7.4	26.0	--	9.0	112
09	1202	4.9	400	373	7.4	25.9	--	9.0	112
09	1202	10	400	377	7.4	25.9	--	9.0	112
09	1203	14	400	378	7.4	25.9	--	9.0	112
09	1203	16	400	379	7.4	25.9	--	9.0	112
23	1405	1.4	1,500	265	7.4	23.0	--	9.1	108
23	1404	2.9	1,500	270	7.4	23.0	--	9.1	108
23	1404	5.3	1,500	264	7.4	23.0	--	9.0	107
23	1403	10	1,500	262	7.4	23.0	--	9.1	108
23	1403	16	1,500	266	7.5	23.0	--	9.2	108
23	1402	22	1,500	263	7.4	23.0	--	9.2	109
23	1402	23	1,500	266	7.4	23.0	--	9.3	110
23	1414	.6	1,100	265	7.4	22.9	--	8.8	104
23	1414	3.2	1,100	269	7.4	23.0	--	9.0	106
23	1412	5.1	1,100	267	7.4	22.9	--	9.1	107
23	1413	10	1,100	263	7.4	22.8	--	9.0	106
23	1413	15	1,100	271	7.4	22.8	--	9.0	106
23	1412	18	1,100	265	7.4	22.8	--	0.1	105
23	1425	.8	700	261	7.4	22.3	--	8.5	99
23	1424	3.1	700	262	7.4	22.3	2.5	8.6	100
23	1423	3.9	700	261	7.4	22.3	--	8.7	101
23	1422	12	700	262	7.4	22.4	--	8.9	103
23	1421	15	700	256	7.4	22.4	--	8.8	103
23	1418	19	700	269	7.4	22.7	--	8.9	105
23	1432	.6	400	257	7.4	22.0	--	8.6	100
23	1432	3.2	400	258	7.4	22.0	--	8.5	99
23	1431	5.3	400	257	7.4	22.0	--	8.5	98
23	1431	10	400	259	7.4	22.0	--	8.6	99
23	1430	15	400	257	7.4	22.0	--	8.6	100
23	1430	20	400	258	7.4	21.9	--	8.4	97
23	1429	25	400	257	7.4	21.9	--	8.5	98
23	1429	31	400	258	7.4	21.9	--	8.8	102
23	1428	32	400	256	7.4	21.9	--	8.8	102

Table 4. *Water-quality data for station 403115080371801, Ohio River at river mile 54.8, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
September									
07	1116	0.3	1,500	238	7.4	22.5	--	9.5	112
07	1117	3.0	1,500	277	7.4	22.5	--	9.5	111
07	1117	5.2	1,500	279	7.4	22.5	--	9.5	111
07	1118	9.8	1,500	278	7.4	22.5	--	9.5	111
07	1119	15	1,500	278	7.4	22.5	--	9.5	111
07	1119	17	1,500	279	7.4	22.5	--	9.5	111
07	1210	.4	1,100	277	7.4	22.4	--	9.3	108
07	1211	3.1	1,100	278	7.4	22.4	--	9.4	110
07	1211	5.1	1,100	278	7.4	22.4	--	9.4	110
07	1212	9.8	1,100	277	7.4	22.3	--	9.4	110
07	1213	14	1,100	277	7.4	22.3	--	9.4	110
07	1218	.4	700	277	7.4	22.3	--	9.4	110
07	1216	2.8	700	277	7.4	22.3	--	9.4	110
07	1217	5.2	700	277	7.4	22.3	4.0	9.4	110
07	1217	10	700	277	7.4	22.3	--	9.4	110
07	1216	16	700	277	7.4	22.3	--	9.4	110
07	1220	.4	400	277	7.4	22.1	--	9.4	110
07	1221	3.4	400	276	7.4	22.2	--	9.5	111
07	1221	5.1	400	277	7.4	22.1	--	9.5	111
07	1222	10	400	277	7.4	22.1	--	9.6	111
07	1222	15	400	278	7.4	22.1	--	9.5	111
07	1223	20	400	278	7.4	22.1	--	9.5	111
07	1223	25	400	278	7.4	22.1	--	9.5	111
07	1224	31	400	278	7.4	22.1	--	9.5	111
27	1104	.2	1,500	376	7.4	22.9	--	8.9	104
27	1105	3.0	1,500	377	7.4	23.0	--	8.9	104
27	1106	5.0	1,500	377	7.4	23.0	--	8.9	104
27	1108	10	1,500	378	7.4	23.0	--	9.0	105
27	1110	15	1,500	378	7.4	23.0	--	9.0	105
27	1112	20	1,500	382	7.4	23.0	--	8.9	104
27	1116	.2	1,100	379	7.4	23.6	--	8.8	107
27	1116	2.3	1,100	381	7.4	23.6	--	8.8	107
27	1117	4.5	1,100	382	7.4	23.6	--	8.8	107
27	1117	10	1,100	382	7.4	23.6	--	8.9	107
27	1118	15	1,100	374	7.4	23.6	--	8.9	107
27	1118	20	1,100	381	7.4	23.6	--	8.8	107

Table 4. *Water-quality data for station 403115080371801, Ohio River at river mile 54.8, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
September									
27	1120	0.2	700	372	7.4	23.5	--	8.9	107
27	1121	3.2	700	376	7.4	23.4	--	8.9	107
27	1122	5.0	700	376	7.4	23.3	--	8.9	107
27	1122	10	700	380	7.4	23.3	--	8.9	107
27	1123	15	700	381	7.4	23.2	--	8.9	107
27	1125	.2	400	380	7.4	22.9	--	8.9	106
27	1125	2.6	400	373	7.4	23.0	--	8.9	107
27	1126	5.2	400	377	7.4	23.0	--	8.9	107
27	1126	10	400	376	7.4	23.0	--	8.9	107
27	1127	15	400	374	7.4	23.0	--	8.9	107
27	1127	20	400	376	7.4	23.0	--	8.9	106
October									
04	1508	.4	400	379	7.5	18.6	--	9.9	107
04	1508	2.9	400	379	7.5	18.5	--	10.0	108
04	1509	4.7	400	380	7.5	18.5	--	10.0	108
04	1509	9.6	400	376	7.5	18.5	--	10.0	108
04	1510	15	400	378	7.5	18.5	--	10.0	108
04	1513	.5	700	381	7.5	19.2	--	10.0	109
04	1513	3.5	700	381	7.5	19.2	--	10.0	109
04	1514	5.1	700	382	7.5	19.2	4.0	9.9	109
04	1515	10	700	380	7.5	19.3	--	10.0	110
04	1515	15	700	384	7.5	19.4	--	10.0	110
04	1514	18	700	376	7.4	19.1	--	10.0	110
04	1519	.5	1,100	385	7.5	19.7	--	9.9	109
04	1519	3.1	1,100	382	7.5	19.8	--	9.8	109
04	1520	4.5	1,100	383	7.5	19.8	--	9.9	109
04	1520	10	1,100	383	7.5	19.7	--	9.9	109
04	1521	15	1,100	383	7.5	19.7	--	9.9	109
04	1525	.7	1,500	384	7.5	20.2	--	9.8	109
04	1525	2.7	1,500	385	7.5	20.2	--	9.8	109
04	1526	5.1	1,500	386	7.5	20.2	--	9.8	109
04	1526	10	1,500	385	7.5	20.2	--	9.8	109
04	1527	14	1,500	386	7.6	20.2	--	9.8	109

Table 4. *Water-quality data for station 403115080371801, Ohio River at river mile 54.8, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
October									
18	1341	0.4	400	338	7.7	16.9	--	10.0	107
18	1341	3.1	400	337	7.7	17.0	--	10.0	107
18	1342	5.2	400	338	7.7	16.9	--	10.0	108
18	1342	9.9	400	339	7.7	16.9	--	10.0	107
18	1343	15	400	339	7.7	16.9	--	10.0	107
18	1343	20	400	336	7.7	16.8	--	10.0	107
18	1345	.3	700	336	7.7	17.0	--	10.0	106
18	1346	3.0	700	338	7.7	17.1	--	10.0	107
18	1346	4.9	700	336	7.7	17.1	3.5	10.0	107
18	1347	9.9	700	337	7.7	17.1	--	10.0	107
18	1348	15	700	335	7.7	17.0	--	10.0	107
18	1349	20	700	340	7.7	17.0	--	10.0	107
18	1349	25	700	333	7.7	17.0	--	10.0	107
18	1351	.2	1,100	336	7.7	17.0	--	10.0	105
18	1351	3.2	1,100	336	7.7	17.0	--	10.0	107
18	1352	5.1	1,100	338	7.7	17.1	--	10.0	107
18	1352	10	1,100	338	7.7	17.0	--	10.0	107
18	1353	15	1,100	336	7.7	17.0	--	10.0	107
18	1353	17	1,100	340	7.7	17.0	--	10.0	107
18	1356	.4	1,500	338	7.7	17.1	--	10.0	105
18	1356	2.9	1,500	340	7.7	17.1	--	10.0	107
18	1357	5.0	1,500	340	7.7	17.1	--	10.0	107
18	1357	10	1,500	340	7.7	17.1	--	10.0	107
18	1358	14	1,500	341	7.7	17.0	--	10.0	107

Table 5. *Water-quality data for station 403045080370901, Ohio River at river mile 55.4, June to October 1994.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
June									
14	1142	0.6	700	353	7.8	25.1	--	9.4	116
14	1143	3.1	700	354	7.8	25.0	--	9.4	115
14	1145	8.0	700	353	7.8	24.9	--	9.3	115
14	1144	16	700	353	7.8	24.9	--	9.4	116
28	1124	.2	700	305	7.2	25.1	--	8.9	110
28	1124	3.1	700	305	7.2	25.2	--	8.9	111
28	1127	8.0	700	306	7.2	25.2	--	8.9	111
28	1125	15	700	307	7.2	25.2	--	8.9	110
July									
12	1438	.2	700	380	7.6	28.9	--	8.8	115
12	1439	2.9	700	380	7.6	29.0	--	8.8	116
12	1440	8.5	700	379	7.5	28.4	--	8.7	112
12	1439	19	700	377	7.5	28.3	--	8.6	111
26	0941	.2	700	430	7.4	30.1	--	7.7	104
26	0941	3.0	700	430	7.4	30.2	--	7.7	104
26	0943	8.4	700	437	7.4	30.0	--	7.7	104
26	0942	16	700	426	7.4	30.0	--	7.7	104
August									
09	1207	.3	700	374	7.4	26.0	--	8.9	111
09	1208	3.1	700	374	7.4	26.0	--	8.9	111
09	1209	9.2	700	375	7.4	25.9	--	9.0	112
09	1208	19	700	376	7.4	25.9	--	9.0	112
23	1435	.5	700	260	7.4	22.2	--	8.7	101
23	1435	3.2	700	260	7.4	22.2	--	8.6	100
23	1438	11	700	261	7.4	22.2	--	8.7	101
23	1436	21	700	261	7.4	22.2	--	8.7	101

Table 5. *Water-quality data for station 403045080370901, Ohio River at river mile 55.4, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
September									
07	1228	0.5	700	276	7.4	22.3	--	9.5	110
07	1231	3.2	700	277	7.4	22.1	--	9.5	111
07	1230	9.6	700	277	7.4	22.1	--	9.5	111
07	1230	20	700	277	7.4	22.2	--	9.5	110
27	1130	.2	700	378	7.4	23.3	--	8.8	105
27	1131	2.8	700	377	7.4	23.3	--	8.8	106
27	1133	9.2	700	376	7.4	23.3	--	8.8	105
27	1132	19	700	378	7.3	23.3	--	8.7	105
October									
04	1501	.6	700	380	7.5	18.8	--	9.9	107
04	1502	3.3	700	379	7.5	18.8	--	9.9	108
04	1503	7.4	700	380	7.5	18.7	--	10.0	108
04	1502	16	700	381	7.5	18.8	--	10.0	108
18	1426	.4	700	334	7.7	17.2	--	10.0	105
18	1427	3.2	700	337	7.7	17.0	--	10.0	108
18	1429	8.2	700	337	7.7	17.0	--	10.0	108
18	1428	17	700	337	7.7	16.9	--	10.0	108

Table 6. *Water-quality data for station 402930080363101, Ohio River at river mile 57.0, June to October 1994.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
June									
14	1148	0.7	700	352	7.8	25.1	--	9.1	113
14	1148	2.9	700	352	7.8	25.0	--	9.4	116
14	1150	15	700	351	7.8	25.0	--	9.4	116
14	1149	30	700	352	7.8	25.0	--	9.4	116
28	1129	.2	700	304	7.2	25.1	--	8.9	111
28	1130	2.8	700	303	7.2	25.1	--	8.9	111
28	1131	6.3	700	304	7.2	25.1	--	8.9	108
28	1131	13	700	303	7.2	25.1	--	8.9	110
July									
12	1443	.2	700	382	7.6	28.8	--	8.9	116
12	1444	3.0	700	382	7.5	28.6	--	8.8	114
12	1446	12	700	383	7.5	28.5	--	8.6	112
12	1445	23	700	382	7.5	28.4	--	8.6	111
26	0935	.2	700	430	7.4	29.8	--	7.6	102
26	0936	3.0	700	431	7.4	29.8	--	7.5	101
26	0937	12	700	428	7.4	29.8	--	7.5	101
26	0936	25	700	427	7.4	29.8	--	7.5	101
August									
09	1214	.4	700	372	7.4	26.1	--	9.0	112
09	1214	3.1	700	372	7.4	26.1	--	9.0	112
09	1215	11	700	373	7.4	26.1	--	8.9	112
09	1215	22	700	374	7.4	26.1	--	8.9	112
23	1440	.4	700	262	7.4	22.2	--	8.9	103
23	1440	3.1	700	262	7.4	22.2	--	8.8	102
23	1442	14	700	263	7.4	22.2	--	8.4	97
23	1441	30	700	259	7.4	22.2	--	8.8	102

Table 6. *Water-quality data for station 402930080363101, Ohio River at river mile 57.0, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
September									
07	1235	0.3	700	277	7.4	22.2	--	9.5	110
07	1236	2.9	700	277	7.4	22.2	--	9.5	111
07	1238	12	700	276	7.4	22.2	--	9.5	110
07	1237	23	700	277	7.4	22.2	--	9.5	110
27	1137	.4	700	378	7.4	23.0	--	8.7	104
27	1138	3.1	700	379	7.4	23.0	--	8.8	105
27	1140	13	700	379	7.4	23.1	--	8.7	105
27	1139	26	700	380	7.3	23.1	--	8.7	105
October									
04	1455	.4	700	382	7.4	19.2	--	9.9	108
04	1455	3.1	700	384	7.4	19.3	--	9.9	108
04	1456	13	700	384	7.4	19.4	--	9.9	109
04	1456	26	700	383	7.4	19.3	--	9.9	108
18	1432	.2	700	335	7.7	17.3	--	10.0	107
18	1432	3.0	700	337	7.7	17.2	--	10.0	109
18	1433	13	700	337	7.7	17.2	--	10.0	109
18	1433	26	700	338	7.7	17.2	--	10.0	109

Table 7. *Water-quality data for station 402654080361501, Ohio River at river mile 60.3, June to October 1994.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
June									
14	0646	0.5	400	324	7.7	24.1	--	8.8	106
14	0647	2.9	400	333	7.7	24.1	--	8.8	106
14	0647	4.9	400	333	7.7	24.1	--	8.8	106
14	0648	9.7	400	333	7.7	24.1	--	8.8	106
14	0648	15	400	333	7.7	24.1	--	8.8	106
14	0650	.6	700	333	7.7	24.1	--	8.6	105
14	0650	2.7	700	334	7.7	24.2	--	8.8	107
14	0651	5.0	700	334	7.7	24.2	--	8.8	107
14	0651	9.8	700	334	7.7	24.2	--	8.8	107
14	0652	15	700	333	7.7	24.2	--	8.8	107
14	0653	20	700	333	7.7	24.2	--	8.8	107
14	0653	25	700	333	7.7	24.2	--	8.8	107
14	0655	.5	1,000	334	7.7	24.2	--	8.7	105
14	0655	2.7	1,000	333	7.7	24.3	--	8.7	106
14	0656	4.8	1,000	333	7.7	24.3	--	8.7	106
14	0656	10	1,000	333	7.7	24.3	--	8.7	106
14	0657	15	1,000	334	7.7	24.3	--	8.7	106
14	0657	20	1,000	333	7.7	24.3	--	8.7	106
14	0658	25	1,000	333	7.7	24.3	--	8.7	106
14	0658	30	1,000	333	7.7	24.3	--	8.8	106
14	1253	.5	400	342	7.8	24.8	--	9.4	115
14	1253	2.9	400	343	7.7	24.7	--	9.5	116
14	1254	5.0	400	343	7.7	24.7	--	9.5	116
14	1255	10	400	344	7.7	24.7	--	9.5	117
14	1255	15	400	344	7.7	24.7	--	9.5	116
14	1257	.8	700	343	7.7	24.8	--	9.3	114
14	1258	3.1	700	344	7.7	24.8	3.0	9.4	116
14	1258	4.7	700	344	7.7	24.7	--	9.4	115
14	1259	10	700	344	7.7	24.7	--	9.4	115
14	1259	15	700	344	7.7	24.7	--	9.4	115
14	1300	20	700	344	7.7	24.7	--	9.4	115
14	1300	25	700	344	7.7	24.7	--	9.4	115
14	1301	28	700	344	7.7	24.7	--	9.4	115

Table 7. *Water-quality data for station 402654080361501, Ohio River at river mile 60.3, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
June									
14	1303	0.2	1,000	340	7.7	124.8	--	9.3	467
14	1303	3.3	1,000	340	7.7	24.8	--	9.4	115
14	1304	5.3	1,000	341	7.7	24.8	--	9.3	114
14	1305	10	1,000	341	7.7	24.8	--	9.3	114
14	1305	16	1,000	341	7.7	24.8	--	9.3	114
14	1306	20	1,000	341	7.7	24.8	--	9.3	115
14	1307	25	1,000	342	7.7	24.8	--	9.3	115
14	1307	30	1,000	340	7.7	24.8	--	9.3	115
28	0616	.2	400	296	7.2	24.9	--	8.2	101
28	0616	3.0	400	298	7.2	24.8	--	8.3	103
28	0617	5.0	400	298	7.2	24.8	--	8.4	103
28	0617	10	400	300	7.2	24.7	--	8.4	103
28	0618	14	400	302	7.2	24.5	--	8.4	102
28	0620	.2	700	296	7.2	25.0	--	8.4	104
28	0620	3.5	700	296	7.2	25.0	--	8.4	104
28	0621	5.2	700	296	7.2	25.1	--	8.4	104
28	0621	10	700	296	7.2	25.0	--	8.4	104
28	0622	15	700	296	7.2	25.1	--	8.4	104
28	0622	20	700	296	7.2	25.1	--	8.4	104
28	0623	25	700	296	7.2	25.1	--	8.4	104
28	0623	30	700	296	7.2	25.1	--	8.4	104
28	0624	32	700	296	7.2	25.1	--	8.4	103
28	0626	.2	1,000	295	7.2	25.0	--	8.4	103
28	0626	3.3	1,000	296	7.2	25.1	--	8.3	103
28	0627	5.1	1,000	296	7.2	25.1	--	8.3	103
28	0627	10	1,000	296	7.2	25.1	--	8.3	103
28	0628	15	1,000	296	7.1	25.1	--	8.3	102
28	0628	20	1,000	296	7.2	25.1	--	8.3	102
28	0629	25	1,000	296	7.1	25.1	--	8.3	102
28	0629	29	1,000	296	7.1	25.1	--	8.3	102
28	1225	.2	400	301	7.2	24.9	--	8.5	105
28	1225	3.0	400	301	7.2	24.8	--	8.6	105
28	1226	4.7	400	301	7.2	24.8	--	8.6	106
28	1226	10	400	301	7.2	24.8	--	8.6	105
28	1227	14	400	301	7.2	24.8	--	8.6	105

Table 7. *Water-quality data for station 402654080361501, Ohio River at river mile 60.3, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
June									
28	1229	0.2	700	300	7.2	24.9	--	8.6	106
28	1229	3.3	700	301	7.2	24.8	--	8.6	105
28	1230	5.0	700	301	7.2	24.9	3.5	8.6	106
28	1230	10	700	301	7.2	24.8	--	8.6	105
28	1231	15	700	301	7.2	24.8	--	8.6	105
28	1231	20	700	301	7.2	24.8	--	8.6	105
28	1232	25	700	301	7.2	24.8	--	8.6	105
28	1234	.2	1,000	301	7.3	25.2	--	8.5	105
28	1234	3.0	1,000	301	7.2	25.0	--	8.5	105
28	1235	5.0	1,000	301	7.2	25.0	--	8.5	105
28	1235	10	1,000	301	7.2	25.0	--	8.5	105
28	1236	15	1,000	301	7.2	25.0	--	8.5	105
28	1236	20	1,000	301	7.2	25.0	--	8.5	105
28	1237	25	1,000	301	7.2	24.9	--	8.5	105
28	1237	29	1,000	301	7.2	24.9	--	8.5	105
July									
12	0750	.3	400	379	7.4	27.4	--	7.9	101
12	0750	3.1	400	381	7.4	27.4	--	7.9	101
12	0751	5.1	400	379	7.4	27.4	--	7.9	100
12	0751	10	400	381	7.4	27.4	--	7.9	100
12	0752	14	400	377	7.4	27.3	--	7.8	100
12	0754	.2	700	380	7.4	27.5	--	7.9	100
12	0754	3.1	700	380	7.4	27.5	--	7.9	100
12	0755	5.0	700	379	7.4	27.5	--	7.9	100
12	0755	10	700	380	7.4	27.5	--	7.8	100
12	0756	15	700	377	7.4	27.5	--	7.8	100
12	0756	20	700	376	7.4	27.5	--	7.8	100
12	0757	25	700	384	7.4	27.5	--	7.8	100
12	0757	30	700	379	7.4	27.5	--	7.8	100
12	0758	31	700	382	7.4	27.5	--	7.8	100
12	0800	.2	1,000	377	7.4	27.5	--	7.8	100
12	0800	3.1	1,000	376	7.4	27.5	--	7.8	100
12	0801	5.1	1,000	378	7.4	27.5	--	7.8	100
12	0801	10	1,000	379	7.4	27.5	--	7.8	100
12	0802	15	1,000	376	7.4	27.5	--	7.8	100
12	0802	20	1,000	377	7.4	27.5	--	7.8	100

Table 7. *Water-quality data for station 402654080361501, Ohio River at river mile 60.3, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
July									
12	1503	0.2	400	388	7.7	28.6	--	8.4	110
12	1504	3.2	400	387	7.6	28.2	--	8.3	107
12	1504	5.1	400	387	7.5	28.2	--	8.2	106
12	1505	9.9	400	387	7.5	28.2	--	8.1	105
12	1505	14	400	387	7.5	28.2	--	8.1	105
12	1509	.3	700	388	7.7	28.6	--	8.4	110
12	1509	3.1	700	387	7.6	28.4	--	8.3	108
12	1510	4.7	700	387	7.6	28.5	3.5	8.3	108
12	1510	10	700	387	7.6	28.3	--	8.2	106
12	1511	15	700	387	7.5	28.2	--	8.1	105
12	1511	20	700	387	7.5	28.2	--	0.1	103
12	1512	25	700	387	7.5	28.2	--	0.1	103
12	1513	30	700	387	7.5	28.2	--	7.9	102
12	1515	.2	1,000	382	7.7	28.7	--	8.4	110
12	1515	2.8	1,000	387	7.6	28.5	--	8.3	109
12	1516	4.9	1,000	387	7.6	28.3	--	8.2	107
12	1516	9.3	1,000	387	7.5	28.2	--	8.0	104
12	1517	15	1,000	387	7.5	28.2	--	8.0	104
12	1517	20	1,000	387	7.5	28.2	--	8.0	103
12	1518	23	1,000	388	7.5	28.2	--	8.0	103
26	0642	.2	400	421	7.5	29.2	--	7.5	100
26	0642	3.1	400	420	7.5	29.2	--	7.5	99
26	0643	5.0	400	420	7.4	29.2	--	7.5	100
26	0643	9.8	400	422	7.4	29.2	--	7.5	100
26	0644	13	400	424	7.4	29.2	--	7.5	99
26	0646	.2	700	407	7.6	29.2	--	7.4	99
26	0646	3.1	700	423	7.4	29.2	--	7.5	99
26	0647	4.9	700	423	7.4	29.2	--	7.5	100
26	0647	9.8	700	421	7.4	29.3	--	7.5	100
26	0648	15	700	421	7.4	29.3	--	7.5	100
26	0648	20	700	417	7.4	29.3	--	7.5	100
26	0649	25	700	417	7.4	29.3	--	7.5	100
26	0649	30	700	427	7.4	29.3	--	7.5	100

Table 7. *Water-quality data for station 402654080361501, Ohio River at river mile 60.3, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
July									
26	0651	0.2	1,000	422	7.6	29.3	--	7.5	100
26	0651	3.1	1,000	424	7.4	29.2	--	7.5	100
26	0652	4.4	1,000	424	7.4	29.3	--	7.5	100
26	0652	9.9	1,000	424	7.4	29.3	--	7.5	100
26	0653	15	1,000	426	7.4	29.3	--	7.5	100
26	0653	20	1,000	418	7.4	29.2	--	7.5	100
26	0654	25	1,000	416	7.4	29.2	--	7.5	100
26	0654	28	1,000	427	7.4	29.2	--	7.5	100
26	1359	.2	1,000	427	7.6	29.5	--	7.6	101
26	1400	3.0	1,000	428	7.4	29.4	--	7.4	99
26	1400	5.1	1,000	428	7.4	29.3	--	7.4	99
26	1401	10	1,000	428	7.4	29.3	--	7.3	97
26	1401	15	1,000	426	7.4	29.3	--	7.3	98
26	1402	20	1,000	430	7.4	29.2	--	7.3	97
26	1404	24	1,000	424	7.4	29.3	--	7.3	98
26	1406	.2	700	416	7.5	29.6	--	7.6	102
26	1406	3.1	700	427	7.5	29.4	--	7.5	101
26	1407	5.2	700	428	7.4	29.4	3.5	7.4	99
26	1407	9.9	700	424	7.4	29.3	--	7.4	99
26	1408	15	700	425	7.4	29.3	--	7.3	98
26	1408	20	700	426	7.4	29.3	--	7.3	98
26	1409	25	700	425	7.4	29.2	--	7.3	98
26	1409	30	700	429	7.4	29.2	--	7.3	98
26	1410	35	700	425	7.4	29.2	--	7.3	98
26	1410	36	700	425	7.4	29.2	--	7.3	97
26	1412	.2	400	425	7.5	29.4	--	7.5	101
26	1412	3.3	400	427	7.4	29.3	--	7.5	100
26	1413	4.9	400	427	7.4	29.3	--	7.5	100
26	1413	9.6	400	426	7.4	29.3	--	7.5	100
26	1414	14	400	427	7.4	29.3	--	7.5	100
August									
09	0708	.5	1,000	387	7.4	26.3	--	8.5	106
09	0708	3.1	1,000	381	7.4	26.3	--	8.5	106
09	0709	5.1	1,000	383	7.4	26.4	--	8.4	106
09	0709	10	1,000	383	7.4	26.4	--	8.5	106
09	0710	15	1,000	392	7.4	26.4	--	8.5	106
09	0710	20	1,000	378	7.4	26.4	--	8.5	106
09	0711	21	1,000	376	7.4	26.4	--	8.5	107

Table 7. *Water-quality data for station 402654080361501, Ohio River at river mile 60.3, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
August									
09	0713	0.4	700	382	7.4	26.4	--	8.5	107
09	0713	3.2	700	381	7.4	26.4	--	8.5	106
09	0714	5.1	700	386	7.4	26.4	--	8.5	106
09	0714	10	700	376	7.4	26.4	--	8.5	106
09	0715	15	700	379	7.4	26.4	--	8.4	106
09	0715	20	700	376	7.4	26.4	--	8.4	106
09	0716	25	700	388	7.4	26.4	--	8.4	106
09	0716	30	700	379	7.4	26.4	--	8.4	106
09	0717	33	700	376	7.4	26.4	--	8.4	106
09	0719	.4	400	382	7.4	26.4	--	8.6	108
09	0719	3.1	400	385	7.4	26.4	--	8.5	107
09	0720	5.0	400	384	7.4	26.4	--	8.5	107
09	0720	10	400	385	7.4	26.4	--	8.5	107
09	0721	15	400	378	7.4	26.4	--	8.5	106
09	1305	.5	400	373	7.5	26.6	--	8.8	110
09	1305	3.1	400	373	7.5	26.5	--	8.8	111
09	1306	5.1	400	373	7.5	26.6	--	8.8	111
09	1306	10	400	373	7.5	26.5	--	8.8	111
09	1307	14	400	373	7.5	26.5	--	8.8	110
09	1309	.4	700	372	7.5	26.6	--	8.8	111
09	1309	3.0	700	372	7.5	26.6	--	8.8	111
09	1310	5.0	700	373	7.5	26.6	3.5	8.9	111
09	1310	9.7	700	373	7.5	26.6	--	8.8	111
09	1311	15	700	373	7.5	26.5	--	8.8	111
09	1311	20	700	373	7.5	26.5	--	8.8	110
09	1312	25	700	373	7.5	26.5	--	8.8	110
09	1314	.5	1,000	374	7.5	26.7	--	8.7	110
09	1314	2.8	1,000	374	7.5	26.7	--	8.7	110
09	1315	4.9	1,000	375	7.5	26.8	--	8.7	110
09	1315	10	1,000	375	7.5	26.7	--	8.7	110
09	1316	15	1,000	375	7.5	26.7	--	8.7	110
09	1316	19	1,000	375	7.5	26.7	--	8.7	110
09	1317	25	1,000	375	7.5	26.7	--	8.7	110
09	1317	27	1,000	375	7.5	26.7	--	8.7	110
23	1506	.6	1,000	265	7.4	22.6	--	8.8	103
23	1506	2.9	1,000	266	7.4	22.7	--	8.8	103
23	1507	5.1	1,000	265	7.4	22.7	--	8.9	104
23	1507	10	1,000	266	7.4	22.6	--	8.9	104
23	1508	15	1,000	263	7.4	22.6	--	8.9	104
23	1508	20	1,000	267	7.4	22.6	--	8.9	104
23	1509	25	1,000	263	7.4	22.6	--	8.9	104
23	1509	30	1,000	269	7.4	22.6	--	8.9	104
23	1510	31	1,000	272	7.4	22.6	--	8.8	104

Table 7. *Water-quality data for station 402654080361501, Ohio River at river mile 60.3, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
August									
23	1512	0.4	700	261	7.4	22.2	--	8.9	103
23	1512	2.6	700	264	7.4	22.2	1.5	8.9	103
23	1513	5.0	700	265	7.4	22.2	--	8.9	104
23	1513	10	700	259	7.4	22.2	--	8.9	104
23	1514	15	700	261	7.4	22.2	--	8.9	104
23	1514	20	700	265	7.4	22.2	--	8.9	104
23	1515	25	700	261	7.4	22.2	--	8.9	104
23	1515	30	700	267	7.4	22.2	--	8.9	103
23	1516	33	700	266	7.4	22.2	--	8.9	103
23	1518	.5	400	266	7.4	22.0	--	8.9	103
23	1518	3.2	400	265	7.4	22.0	--	8.9	103
23	1519	5.1	400	265	7.4	22.0	--	8.9	103
23	1519	10	400	264	7.4	22.0	--	8.9	103
23	1520	15	400	256	7.4	22.0	--	8.9	103
23	1520	18	400	257	7.4	22.0	--	8.9	103
September									
07	0633	.3	400	281	7.4	22.7	--	9.1	107
07	0633	3.2	400	276	7.4	22.7	--	9.1	107
07	0634	5.2	400	283	7.4	22.7	--	9.1	107
07	0634	10	400	283	7.4	22.7	--	9.1	107
07	0635	15	400	285	7.4	22.7	--	9.1	107
07	0637	.3	700	275	7.4	22.7	--	9.1	107
07	0637	3.1	700	276	7.4	22.7	--	9.1	108
07	0638	5.2	700	279	7.4	22.8	--	9.2	108
07	0638	10	700	275	7.4	22.8	--	9.1	108
07	0639	15	700	280	7.4	22.8	--	9.1	108
07	0641	.3	1,000	281	7.4	22.8	--	9.1	107
07	0641	3.2	1,000	281	7.4	22.8	--	9.1	107
07	0642	5.3	1,000	279	7.4	22.8	--	9.1	107
07	0642	10	1,000	279	7.4	22.8	--	9.1	107
07	0643	15	1,000	282	7.4	22.8	--	9.1	107
07	0643	20	1,000	279	7.4	22.8	--	9.1	107
07	0644	21	1,000	283	7.4	22.8	--	9.1	107

Table 7. *Water-quality data for station 402654080361501, Ohio River at river mile 60.3, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
September									
07	1317	0.2	1,000	279	7.4	22.0	--	9.5	109
07	1317	2.8	1,000	279	7.4	22.0	--	9.5	110
07	1318	4.9	1,000	278	7.4	22.0	--	9.5	110
07	1319	10	1,000	277	7.4	22.0	--	9.5	110
07	1319	16	1,000	276	7.4	21.9	--	9.5	110
07	1320	20	1,000	281	7.4	21.9	--	9.5	110
07	1321	25	1,000	281	7.4	21.9	--	9.5	110
07	1321	30	1,000	275	7.4	21.9	--	9.5	110
07	1322	33	1,000	281	7.4	21.9	--	9.5	110
07	1324	.5	700	279	7.4	22.0	--	9.5	110
07	1324	2.8	700	278	7.4	22.0	--	9.5	110
07	1328	5.2	700	281	7.4	21.9	4.0	9.6	110
07	1326	10	700	280	7.4	21.9	--	9.5	110
07	1327	15	700	276	7.4	21.9	--	9.5	110
07	1327	20	700	276	7.4	21.9	--	9.5	110
07	1325	25	700	277	7.4	21.9	--	9.5	110
07	1325	30	700	276	7.4	21.9	--	9.5	110
07	1326	33	700	281	7.4	21.9	--	9.5	110
07	1330	.2	400	278	7.5	21.8	--	9.3	107
07	1330	3.0	400	277	7.4	21.9	--	9.5	110
07	1331	5.0	400	279	7.4	21.9	--	9.5	110
07	1331	9.8	400	280	7.4	21.9	--	9.6	110
07	1332	14	400	281	7.4	21.9	--	9.5	110
27	0656	.2	1,000	378	7.3	22.9	--	7.8	93
27	0656	2.8	1,000	378	7.3	23.0	--	7.7	92
27	0657	4.9	1,000	378	7.3	23.0	--	7.7	92
27	0657	9.8	1,000	378	7.3	23.0	--	7.4	88
27	0658	15	1,000	378	7.3	23.0	--	7.5	90
27	0700	20	1,000	378	7.3	23.0	--	6.8	81
27	0700	21	1,000	379	7.3	23.0	--	8.1	97
27	0703	.2	700	377	7.3	23.0	--	8.2	98
27	0703	2.8	700	377	7.3	23.0	--	8.1	97
27	0704	4.8	700	377	7.3	23.0	--	8.1	97
27	0704	9.7	700	377	7.3	23.0	--	8.1	95
27	0705	15	700	377	7.3	23.0	--	8.0	95
27	0705	16	700	377	7.3	23.0	--	8.0	96

Table 7. *Water-quality data for station 402654080361501, Ohio River at river mile 60.3, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
September									
27	0708	0.2	400	377	7.3	22.7	--	8.1	96
27	0709	2.8	400	379	7.3	22.7	--	8.1	96
27	0710	4.9	400	379	7.3	22.7	--	7.7	92
27	0710	9.6	400	379	7.3	22.7	--	7.9	94
27	0711	15	400	380	7.3	22.7	--	7.8	93
27	1243	.2	1,000	378	7.4	22.8	--	8.6	102
27	1248	3.0	1,000	374	7.3	22.7	--	8.6	103
27	1247	5.1	1,000	377	7.4	22.8	--	8.6	103
27	1247	11	1,000	378	7.4	22.8	--	8.6	103
27	1246	15	1,000	381	7.4	22.8	--	8.6	103
27	1245	20	1,000	375	7.3	22.8	--	8.6	103
27	1244	24	1,000	375	7.3	22.8	--	8.6	102
27	1256	.2	700	378	7.4	22.7	--	8.6	103
27	1256	3.4	700	377	7.4	22.7	--	8.6	103
27	1255	5.2	700	380	7.4	22.8	--	8.6	103
27	1255	10	700	380	7.4	22.8	--	8.6	103
27	1254	16	700	380	7.4	22.8	--	8.6	103
27	1253	18	700	376	7.4	22.8	--	8.6	103
27	1252	25	700	379	7.3	22.8	--	8.6	103
27	1251	30	700	376	7.3	22.8	--	8.6	103
27	1251	35	700	374	7.3	22.8	--	8.6	103
27	1259	.2	400	376	7.4	22.7	--	8.6	103
27	1259	3.1	400	376	7.3	22.7	--	8.6	103
27	1300	5.5	400	378	7.3	22.7	--	8.6	103
27	1301	11	400	376	7.3	22.7	--	8.6	102
27	1301	14	400	375	7.3	22.7	--	8.6	102
October									
04	1419	.4	1,000	387	7.5	19.2	--	10.0	110
04	1419	3.1	1,000	385	7.4	19.2	--	10.0	110
04	1420	5.3	1,000	384	7.4	19.2	--	10.0	110
04	1420	10	1,000	389	7.4	19.2	--	10.0	110
04	1421	15	1,000	385	7.4	19.2	--	10.0	110
04	1421	20	1,000	387	7.4	19.2	--	10.0	110
04	1422	25	1,000	387	7.4	19.2	--	10.0	110

Table 7. *Water-quality data for station 402654080361501, Ohio River at river mile 60.3, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
October									
04	1424	0.3	700	385	7.5	19.0	--	10.0	109
04	1424	3.0	700	384	7.4	19.0	--	10.0	110
04	1425	5.5	700	388	7.4	19.0	4.0	10.0	110
04	1425	10	700	388	7.4	19.0	--	10.0	110
04	1426	15	700	385	7.4	19.0	--	10.0	110
04	1426	19	700	382	7.4	19.0	--	10.0	110
04	1428	.4	400	386	7.5	18.9	--	10.0	109
04	1428	3.2	400	386	7.5	18.9	--	10.0	109
04	1429	5.2	400	386	7.5	18.9	--	10.0	109
04	1429	10	400	386	7.5	18.8	--	10.0	108
04	1430	15	400	387	7.5	18.8	--	10.0	108
18	1455	.3	1,000	341	7.8	17.4	--	10.0	108
18	1455	3.0	1,000	340	7.8	17.3	--	10.0	108
18	1454	5.0	1,000	340	7.8	17.3	--	10.0	108
18	1452	9.8	1,000	340	7.8	17.3	--	10.0	108
18	1451	15	1,000	341	7.7	17.2	--	10.0	107
18	1451	20	1,000	341	7.8	17.3	--	10.0	108
18	1450	26	1,000	341	7.7	17.3	--	10.0	107
18	1449	31	1,000	341	7.7	17.2	--	10.0	107
18	1457	.2	700	339	7.7	17.4	--	10.0	106
18	1457	2.4	700	339	7.7	17.3	--	10.0	107
18	1458	5.3	700	339	7.7	17.3	3.5	10.0	107
18	1458	9.9	700	340	7.7	17.3	--	10.0	106
18	1459	15	700	340	7.7	17.2	--	10.0	106
18	1459	20	700	340	7.7	17.2	--	10.0	106
18	1500	25	700	340	7.7	17.2	--	10.0	106
18	1500	30	700	339	7.7	17.2	--	10.0	106
18	1501	35	700	340	7.7	17.2	--	10.0	106
18	1503	.2	400	339	7.7	17.3	--	10.0	106
18	1503	3.0	400	340	7.7	17.3	--	10.0	107
18	1504	4.8	400	338	7.7	17.3	--	10.0	107
18	1504	9.9	400	340	7.7	17.3	--	10.0	107
18	1505	14	400	340	7.7	17.3	--	10.0	106

Table 8. *Water-quality data for station 402619080362201, Ohio River at river mile 61.0, main channel, June to October 1994.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
June									
14	1311	0.6	400	342	7.8	24.8	--	9.2	113
14	1311	3.2	400	340	7.8	24.7	--	9.4	115
14	1313	10	400	339	7.7	24.7	--	9.4	115
14	1312	21	400	344	7.7	24.7	--	9.4	116
28	1249	.2	400	301	7.2	24.9	--	8.6	105
28	1250	2.8	400	300	7.2	24.9	--	8.6	105
28	1251	7.7	400	300	7.2	24.9	--	8.6	105
28	1250	16	400	300	7.2	24.9	--	8.5	105
July									
12	1525	.2	400	386	7.7	28.7	--	8.3	109
12	1525	2.9	400	389	7.6	28.3	--	8.0	104
12	1526	8.5	400	388	7.5	28.3	--	7.9	103
12	1526	15	400	383	7.5	28.2	--	7.9	102
26	0925	.2	400	420	7.5	29.1	--	7.7	102
26	0925	3.0	400	420	7.4	29.2	--	7.5	100
26	0926	6.2	400	420	7.4	29.2	--	7.5	100
26	0926	13	400	420	7.4	29.2	--	7.6	101
August									
09	1325	.3	400	372	7.5	26.8	--	8.7	110
09	1325	3.1	400	377	7.5	26.8	--	8.7	109
09	1327	4.4	400	378	7.5	26.8	--	8.7	109
09	1326	8.6	400	380	7.5	26.8	--	8.6	109
23	1522	.4	400	263	7.4	22.2	--	8.9	103
23	1522	3.1	400	264	7.4	22.2	--	8.9	103
23	1523	8.9	400	262	7.4	22.2	--	8.9	103
23	1523	18	400	260	7.4	22.1	--	8.9	103

Table 8. *Water-quality data for station 402619080362201, Ohio River at river mile 61.0, main channel, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
September									
07	1347	0.2	400	278	7.4	22.0	--	9.5	110
07	1348	3.1	400	279	7.4	22.0	--	9.5	110
07	1350	8.0	400	277	7.4	22.0	--	9.6	111
07	1348	15	400	282	7.4	22.0	--	9.5	110
27	1314	.2	400	377	7.3	22.8	--	8.5	99
27	1314	3.5	400	378	7.3	22.8	--	8.5	101
27	1315	7.4	400	380	7.3	22.8	--	8.5	101
October									
04	1414	.4	400	385	7.5	19.0	--	10.0	110
04	1414	3.2	400	382	7.4	19.0	--	10.0	110
04	1415	7.5	400	389	7.4	19.0	--	10.0	110
04	1415	15	400	384	7.4	19.0	--	10.0	110
18	1507	.3	400	339	7.7	17.2	--	10.0	106
18	1507	3.0	400	342	7.7	17.2	--	10.0	106
18	1508	8.4	400	345	7.7	17.2	--	10.0	106
18	1508	15	400	334	7.7	17.2	--	10.0	106

Table 9. *Water-quality data for station 402620080364201, Ohio River at river mile 61.0, back channel, June to October 1994.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
June									
14	1316	0.6	2,000	338	7.8	24.8	--	9.1	111
14	1317	3.1	2,000	338	7.8	24.8	--	9.3	114
14	1318	4.0	2,000	338	7.8	24.8	--	9.4	115
14	1317	8.4	2,000	339	7.8	24.8	--	9.4	115
28	1244	.2	2,000	300	7.2	25.0	--	8.5	105
28	1244	2.8	2,000	300	7.2	25.0	--	8.5	105
28	1246	4.5	2,000	300	7.2	25.0	--	8.5	105
28	1245	7.9	2,000	300	7.2	25.0	--	8.5	104
July									
12	1520	.2	2,000	387	7.6	28.3	--	8.1	105
12	1521	2.9	2,000	384	7.5	28.2	--	8.1	105
12	1522	3.8	2,000	384	7.5	28.2	--	8.1	105
12	1521	8.0	2,000	383	7.5	28.2	--	8.1	105
26	0920	.2	2,000	419	7.4	29.2	--	7.6	101
26	0920	3.3	2,000	420	7.4	29.2	--	7.6	101
26	0921	5.8	2,000	420	7.4	29.2	--	7.6	101
26	0921	12	2,000	420	7.4	29.2	--	7.6	101
August									
09	1319	.5	2,000	373	7.5	26.6	--	8.8	111
09	1319	2.9	2,000	373	7.5	26.6	--	8.8	111
09	1320	6.8	2,000	373	7.5	26.6	--	8.8	111
09	1320	15	2,000	373	7.5	26.6	--	8.7	110
23	1525	.5	2,000	262	7.4	22.5	--	8.8	103
23	1525	3.6	2,000	266	7.4	22.6	--	8.9	104
23	1526	5.2	2,000	266	7.4	22.5	--	8.7	101
23	1526	11	2,000	270	7.4	22.6	--	8.8	103

Table 9. *Water-quality data for station 402620080364201, Ohio River at river mile 61.0, back channel, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
September									
07	1354	0.2	2,000	279	7.4	22.2	--	9.4	109
07	1354	3.1	2,000	279	7.4	22.2	--	9.4	109
07	1355	4.2	2,000	276	7.4	22.2	--	9.4	109
07	1355	8.1	2,000	278	7.4	22.2	--	9.4	109
27	1306	.2	2,000	377	7.4	22.8	--	8.6	102
27	1309	2.7	2,000	376	7.3	22.8	--	8.6	103
27	1308	6.6	2,000	379	7.3	22.9	--	8.6	102
27	1307	15	2,000	377	7.3	22.9	--	8.6	102
October									
04	1409	.5	2,000	384	7.5	19.1	--	10.0	110
04	1410	3.1	2,000	387	7.4	19.2	--	10.0	110
04	1410	8.0	2,000	387	7.5	19.1	--	10.0	110
18	1516	.2	2,000	341	7.8	17.3	--	9.8	103
18	1517	3.1	2,000	341	7.8	17.3	--	10.0	107
18	1517	7.6	2,000	340	7.8	17.3	--	10.0	107

Table 10. *Water-quality data for station 402426080362901, Ohio River at river mile 63.2, main channel, June to October 1994.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
June									
14	1329	0.6	1,800	337	7.9	24.9	--	9.3	114
14	1330	3.1	1,800	337	7.9	24.8	--	9.5	116
14	1331	9.0	1,800	336	7.9	24.7	--	9.5	116
14	1330	18	1,800	338	7.9	24.7	--	9.5	116
28	1256	.2	1,800	300	7.3	25.1	--	8.5	105
28	1257	2.9	1,800	298	7.3	25.0	--	8.5	105
28	1258	7.3	1,800	300	7.3	25.0	--	8.6	105
28	1257	16	1,800	304	7.3	25.0	--	8.5	105
July									
12	1532	.2	1,800	388	7.7	28.8	--	8.3	108
12	1532	3.0	1,800	389	7.6	28.6	--	8.3	108
12	1534	8.4	1,800	388	7.5	28.2	--	8.0	103
12	1533	17	1,800	386	7.5	28.2	--	8.0	103
26	0909	.2	1,800	420	7.5	29.3	--	7.6	101
26	0909	3.3	1,800	420	7.5	29.3	--	7.5	100
26	0910	9.1	1,800	421	7.5	29.3	--	7.4	99
26	0910	18	1,800	421	7.4	29.3	--	7.4	99
August									
09	1334	.4	1,800	378	7.6	26.8	--	8.6	109
09	1334	3.0	1,800	378	7.6	26.8	--	8.7	109
09	1335	13	1,800	378	7.6	26.8	--	8.6	108
09	1335	26	1,800	380	7.5	26.8	--	8.5	108
23	1538	.5	1,800	265	7.4	22.2	--	8.8	102
23	1538	3.0	1,800	262	7.4	22.2	--	8.8	102
23	1539	11	1,800	262	7.4	22.2	--	8.8	102
23	1539	22	1,800	267	7.4	22.1	--	8.8	102

Table 10. *Water-quality data for station 402426080362901, Ohio River at river mile 63.2, main channel, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
September									
07	1404	0.2	1,800	279	7.5	22.4	--	9.4	110
07	1404	3.3	1,800	280	7.5	22.4	--	9.5	110
07	1406	9.1	1,800	281	7.5	22.4	--	9.4	110
07	1405	17	1,800	281	7.5	22.4	--	9.4	110
27	1321	.2	1,800	383	7.4	22.7	--	8.4	100
27	1321	2.8	1,800	380	7.3	22.7	--	8.4	100
27	1322	15	1,800	381	7.3	22.8	--	8.3	99
27	1322	28	1,800	383	7.3	22.8	--	8.3	99
October									
04	1357	.4	1,800	386	7.5	18.9	--	10.0	110
04	1357	3.0	1,800	383	7.4	18.9	--	10.0	110
04	1358	8.9	1,800	386	7.4	18.8	--	10.0	110
04	1358	17	1,800	391	7.4	18.8	--	10.0	110
18	1526	.2	1,800	344	7.8	17.5	--	10.2	105
18	1527	3.1	1,800	345	7.8	17.5	--	10.2	108
18	1528	9.6	1,800	343	7.8	17.4	--	10.2	108
18	1527	19	1,800	343	7.8	17.4	--	10.2	108

Table 11. *Water-quality data for station 402428080364601, Ohio River at river mile 63.2, back channel, June to October 1994.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
June									
14	1323	0.6	500	334	8.1	25.0	--	9.1	112
14	1324	2.9	500	335	8.0	24.9	--	9.5	117
14	1325	16	500	333	8.0	24.8	--	9.7	118
14	1324	32	500	333	7.9	24.6	--	9.6	118
28	1300	.2	500	297	7.3	25.3	--	8.5	105
28	1301	3.0	500	298	7.3	25.2	--	8.4	104
28	1302	13	500	301	7.3	25.2	--	8.4	104
28	1302	26	500	304	7.3	25.2	--	8.4	103
July									
12	1536	.2	500	382	7.9	28.6	--	8.8	115
12	1537	2.8	500	383	7.8	28.6	--	8.9	116
12	1539	15	500	381	7.4	27.6	--	7.9	101
12	1538	26	500	379	7.5	27.7	--	8.0	103
26	0913	.2	500	418	7.4	29.0	--	7.5	100
26	0913	3.1	500	419	7.4	29.0	--	7.3	97
26	0914	14	500	419	7.4	29.0	--	7.2	96
26	0914	28	500	419	7.4	29.0	--	7.2	96
August									
09	1338	.6	500	376	7.6	27.0	--	8.7	110
09	1339	3.1	500	377	7.5	27.0	--	8.6	109
09	1340	9.1	500	376	7.6	27.0	--	8.6	109
09	1339	18	500	378	7.5	27.0	--	8.6	109
23	1534	.4	500	266	7.4	22.6	--	8.7	102
23	1535	3.2	500	266	7.4	22.6	--	8.8	103
23	1536	15	500	271	7.4	22.6	--	8.8	103
23	1535	29	500	257	7.4	22.6	--	8.8	103

Table 11. *Water-quality data for station 402428080364601, Ohio River at river mile 63.2, back channel, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
September									
07	1400	0.3	500	282	7.5	23.0	--	9.3	109
07	1400	3.0	500	279	7.5	22.8	--	9.3	109
07	1401	17	500	279	7.4	22.7	--	9.3	109
07	1401	33	500	284	7.4	22.7	--	9.3	109
27	1326	.2	500	380	7.4	22.8	--	8.4	101
27	1326	2.9	500	380	7.4	22.9	--	8.5	101
27	1328	8.1	500	380	7.4	22.9	--	8.5	101
27	1327	17	500	381	7.3	22.9	--	8.5	101
October									
04	1401	.5	500	385	7.5	19.2	--	10.0	110
04	1401	3.2	500	387	7.5	19.2	--	10.0	110
04	1402	16	500	383	7.5	19.2	--	10.0	110
04	1402	31	500	391	7.5	19.1	--	10.0	110
18	1520	.2	500	342	8.0	17.4	--	10.5	110
18	1521	3.0	500	343	7.9	17.3	--	10.7	112
18	1523	11	500	345	7.7	16.7	--	10.3	106
18	1522	22	500	339	7.8	17.8	--	10.3	109

Table 12. *Water-quality data for station 402329080375901, Ohio River at river mile 65.0, June to October 1994.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
June									
14	1335	0.6	600	337	7.9	24.8	--	9.1	111
14	1336	3.1	600	338	8.0	24.8	--	9.3	114
14	1338	23	600	334	7.8	24.5	--	9.2	113
14	1337	46	600	333	7.7	24.5	--	9.3	113
28	1307	.2	600	299	7.3	25.5	--	8.4	104
28	1307	2.8	600	300	7.3	25.3	--	8.4	104
28	1309	21	600	295	7.3	25.2	--	8.3	102
28	1308	43	600	293	7.3	25.2	--	8.2	102
July									
12	1543	.2	600	385	8.0	29.2	--	9.1	120
12	1543	2.9	600	387	7.9	28.7	--	8.9	116
12	1545	20	600	380	7.5	27.8	--	8.1	104
12	1544	40	600	373	7.5	27.6	--	8.0	103
26	0903	.2	600	419	7.5	29.4	--	7.4	99
26	0903	3.0	600	419	7.5	29.4	--	7.4	98
26	0905	20	600	419	7.4	29.4	--	7.3	98
26	0904	39	600	419	7.4	29.4	--	7.3	98
August									
09	1343	.2	600	384	7.7	26.9	--	8.6	108
09	1344	3.0	600	385	7.6	26.9	--	8.7	110
09	1346	21	600	388	7.6	26.6	--	8.7	109
09	1345	42	600	388	7.6	26.6	--	8.8	110
23	1542	.4	600	266	7.4	22.5	--	8.8	103
23	1542	3.1	600	260	7.4	22.5	--	8.8	103
23	1543	21	600	263	7.4	22.5	--	8.9	104
23	1543	43	600	273	7.4	22.5	--	8.9	104

Table 12. *Water-quality data for station 402329080375901, Ohio River at river mile 65.0, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
September									
07	1403	0.2	600	278	7.5	22.4	--	9.5	110
07	1403	3.0	600	279	7.5	22.4	--	9.5	110
07	1405	9.1	600	280	7.5	22.4	--	9.5	110
07	1404	17	600	282	7.5	22.4	--	9.5	110
27	1334	.2	600	382	7.4	22.8	--	8.4	100
27	1335	3.0	600	382	7.4	22.8	--	8.4	100
27	1336	18	600	382	7.3	22.8	--	8.4	100
27	1335	35	600	381	7.3	22.8	--	8.4	100
October									
04	1350	.5	600	386	7.5	18.9	--	10.0	109
04	1350	3.1	600	387	7.4	18.9	--	10.0	109
04	1351	15	600	385	7.4	18.8	--	10.0	109
04	1351	30	600	385	7.4	18.9	--	10.0	109
18	1532	.2	600	346	7.8	17.0	--	10.0	106
18	1532	3.3	600	343	7.8	16.6	--	10.0	106
18	1534	18	600	343	7.7	16.5	--	10.0	106
18	1533	34	600	340	7.7	16.5	--	10.0	105

Table 13. *Water-quality data for station 402213080362401, Ohio River at river mile 67.1, June to October 1994.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
June									
14	1354	0.8	500	335	7.9	24.7	--	8.9	109
14	1354	2.9	500	335	7.8	24.7	--	9.1	112
14	1355	14	500	335	7.8	24.7	--	9.3	113
14	1355	28	500	335	7.8	24.7	--	9.3	114
28	1315	.2	500	296	7.3	25.2	--	8.3	102
28	1315	3.0	500	294	7.3	25.2	--	8.2	102
28	1314	13	500	296	7.3	25.2	--	8.2	102
28	1314	27	500	298	7.3	25.2	--	8.2	101
July									
12	1549	.2	500	375	8.0	28.5	--	9.1	119
12	1549	2.9	500	374	8.0	28.3	--	9.2	119
12	1550	14	500	378	7.7	28.0	--	8.6	111
12	1550	28	500	378	7.6	27.7	--	8.3	107
26	0855	.2	500	427	7.2	29.5	--	7.2	96
26	0856	3.0	500	428	7.4	29.5	--	7.2	96
26	0858	14	500	426	7.4	29.5	--	7.2	96
26	0857	28	500	426	7.4	29.5	--	7.2	96
August									
09	1402	.4	500	393	7.7	26.5	--	8.9	111
09	1402	3.0	500	392	7.6	26.5	--	8.9	111
09	1403	15	500	392	7.6	26.5	--	8.8	110
09	1403	29	500	393	7.6	26.4	--	8.7	109
23	1553	.4	500	265	7.4	22.3	--	8.8	103
23	1553	2.9	500	266	7.4	22.3	--	8.9	104
23	1554	15	500	266	7.4	22.3	--	8.9	104
23	1554	30	500	265	7.4	22.3	--	8.9	103

Table 13. *Water-quality data for station 402213080362401, Ohio River at river mile 67.1, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
September									
07	1410	0.2	500	281	7.5	22.8	--	9.2	108
07	1410	3.1	500	282	7.4	22.8	--	9.3	108
07	1412	21	500	278	7.5	22.7	--	9.2	108
07	1411	43	500	285	7.4	22.7	--	9.2	108
27	1350	.2	500	383	7.3	22.9	--	8.3	99
27	1351	3.1	500	383	7.3	22.9	--	8.3	100
27	1352	14	500	384	7.3	22.9	--	8.3	100
27	1351	27	500	384	7.3	22.9	--	8.3	99
October									
04	1336	.4	500	388	7.4	19.0	--	9.9	108
04	1336	3.1	500	390	7.4	19.0	--	9.9	108
04	1337	14	500	387	7.4	19.0	--	9.9	108
04	1337	28	500	384	7.4	19.0	--	9.9	108
18	1548	.2	500	340	7.8	16.7	--	10.0	105
18	1549	3.0	500	339	7.8	16.7	--	10.0	106
18	1550	15	500	344	7.8	16.7	--	10.0	106
18	1549	30	500	340	7.8	16.7	--	10.0	106

Table 14. *Water-quality data for station 402051080363901, Ohio River at river mile 68.7, June to October 1994.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
June									
14	1401	0.6	500	340	8.0	25.5	--	8.7	108
14	1401	2.7	500	341	7.9	25.2	--	9.2	114
14	1402	12	500	338	7.8	24.9	--	9.2	113
14	1402	24	500	338	7.8	24.8	--	9.3	114
28	1321	.2	500	297	7.3	25.4	--	8.2	102
28	1321	3.4	500	295	7.3	25.3	--	8.2	102
28	1320	10	500	299	7.2	25.2	--	8.1	101
28	1319	21	500	293	7.3	25.2	--	8.1	100
July									
12	1554	.2	500	368	8.2	29.0	--	9.8	128
12	1554	2.9	500	366	8.0	28.2	--	8.8	114
12	1556	11	500	364	7.6	27.5	--	8.1	104
12	1555	22	500	370	7.6	27.5	--	8.1	104
26	0848	.2	500	428	7.4	29.2	--	7.2	96
26	0849	3.0	500	426	7.4	29.3	--	7.2	96
26	0850	11	500	424	7.4	29.3	--	7.2	96
26	0850	22	500	424	7.4	29.3	--	7.2	96
August									
09	1407	.4	500	397	7.7	26.4	--	8.8	111
09	1407	3.1	500	397	7.7	26.4	--	8.9	112
09	1408	12	500	397	7.7	26.4	--	8.9	112
09	1408	24	500	398	7.6	26.4	--	8.9	111
23	1558	.5	500	266	7.4	22.4	--	8.9	103
23	1558	3.1	500	266	7.4	22.4	--	8.9	103
23	1559	13	500	268	7.4	22.4	--	8.9	103
23	1559	23	500	262	7.4	22.4	--	8.9	103

Table 14. *Water-quality data for station 402051080363901, Ohio River at river mile 68.7, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
September									
07	1429	0.3	500	280	7.5	22.7	--	9.1	107
07	1430	3.1	500	278	7.4	22.7	--	9.1	107
07	1431	11	500	280	7.5	22.7	--	9.1	106
07	1430	22	500	283	7.4	22.7	--	9.1	106
27	1357	.3	500	385	7.4	23.0	--	8.3	99
27	1358	3.1	500	385	7.3	23.0	--	8.2	98
27	1359	12	500	385	7.3	23.0	--	8.3	99
27	1358	22	500	385	7.3	23.0	--	8.2	98
October									
04	1329	.6	500	389	7.4	19.1	--	9.9	108
04	1329	3.2	500	389	7.4	19.1	--	9.8	107
04	1330	16	500	388	7.4	19.1	--	9.8	107
04	1330	33	500	389	7.4	19.1	--	9.8	107
18	1554	.3	500	342	7.9	16.7	--	10.0	106
18	1554	3.0	500	342	7.8	16.7	--	10.0	107
18	1555	11	500	342	7.9	16.7	--	10.0	108
18	1555	23	500	339	7.8	16.7	--	10.0	108

Table 15. *Water-quality data for station 401838080360701, Ohio River at river mile 71.4, June to October 1994.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
June									
14	0612	0.5	300	335	7.8	25.2	--	8.6	106
14	0613	3.2	300	337	7.8	25.2	--	8.6	106
14	0614	5.3	300	341	7.8	25.2	--	8.6	106
14	0614	10	300	337	7.7	25.2	--	8.6	106
14	0615	15	300	342	7.7	25.2	--	8.6	106
14	0615	20	300	343	7.7	25.2	--	8.6	106
14	0616	25	300	336	7.7	25.2	--	8.6	106
14	0616	28	300	336	7.7	25.2	--	8.5	106
14	0618	.6	600	337	7.8	25.2	--	8.5	105
14	0619	2.9	600	337	7.8	25.2	--	8.7	107
14	0619	5.0	600	337	7.8	25.3	--	8.6	107
14	0620	10	600	339	7.8	25.3	--	8.6	107
14	0620	15	600	335	7.8	25.3	--	8.7	107
14	0621	20	600	338	7.8	25.3	--	8.7	107
14	0621	25	600	340	7.8	25.3	--	8.6	107
14	0622	29	600	333	7.8	25.3	--	8.7	107
14	0624	.6	900	340	7.8	25.6	--	8.4	105
14	0624	3.2	900	339	7.8	25.5	--	8.6	106
14	0625	5.2	900	339	7.8	25.5	--	8.6	107
14	0625	10	900	336	7.8	25.3	--	8.6	107
14	0626	15	900	334	7.8	25.3	--	8.6	107
14	0626	20	900	341	7.8	25.2	--	8.7	107
14	0627	22	900	339	7.8	25.2	--	8.7	107
14	1408	.6	900	344	7.9	26.2	--	8.6	108
14	1408	3.1	900	342	7.9	26.0	--	8.9	112
14	1409	4.9	900	339	7.9	25.5	--	9.0	112
14	1409	9.8	900	340	7.8	25.4	--	9.1	113
14	1410	15	900	340	7.8	25.4	--	9.1	113
14	1410	20	900	339	7.8	25.4	--	9.1	112
14	1411	25	900	340	7.8	25.3	--	9.0	112
14	1411	27	900	340	7.8	25.3	--	9.0	112

Table 15. *Water-quality data for station 401838080360701, Ohio River at river mile 71.4, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
June									
14	1413	0.6	600	341	7.9	26.1	--	8.8	110
14	1413	3.4	600	339	7.9	25.6	3.0	9.1	114
14	1414	5.1	600	340	7.9	25.5	--	9.1	113
14	1414	10	600	338	7.8	25.3	--	9.1	113
14	1415	15	600	342	7.8	25.3	--	9.1	112
14	1415	20	600	339	7.8	25.3	--	9.0	112
14	1416	25	600	344	7.8	25.3	--	9.0	112
14	1416	29	600	340	7.8	25.3	--	9.0	112
14	1418	.6	300	341	8.1	26.4	--	8.3	105
14	1418	3.3	300	341	8.1	26.4	--	9.4	118
14	1419	4.7	300	337	8.1	26.3	--	9.5	119
14	1419	9.9	300	346	8.1	26.0	--	9.5	119
14	1420	15	300	347	8.0	25.8	--	9.4	117
14	1420	20	300	340	7.8	25.4	--	9.1	113
14	1421	25	300	343	7.8	25.4	--	9.0	112
14	1421	28	300	344	7.8	25.4	--	9.0	112
28	0544	.2	300	297	7.2	25.2	--	8.1	101
28	0544	2.7	300	299	7.2	25.2	--	8.2	101
28	0545	4.6	300	303	7.2	25.2	--	8.2	101
28	0545	10	300	302	7.2	25.2	--	8.1	101
28	0546	15	300	305	7.2	25.2	--	8.2	101
28	0546	20	300	299	7.2	25.2	--	8.1	101
28	0547	25	300	306	7.2	25.2	--	8.1	100
28	0547	27	300	311	7.2	25.2	--	8.0	99
28	0549	.2	600	296	7.2	25.2	--	8.2	101
28	0549	2.9	600	295	7.2	25.2	--	8.2	101
28	0550	5.0	600	295	7.2	25.3	--	8.2	101
28	0550	9.8	600	295	7.2	25.2	--	8.2	101
28	0551	15	600	296	7.2	25.2	--	8.2	101
28	0551	20	600	295	7.2	25.2	--	8.2	101
28	0552	25	600	295	7.2	25.2	--	8.2	101
28	0552	27	600	300	7.2	25.2	--	8.2	101
28	0556	.2	900	293	7.2	25.5	--	8.1	101
28	0557	3.0	900	293	7.2	25.3	--	8.1	101
28	0557	4.7	900	293	7.2	25.3	--	8.1	101
28	0555	9.8	900	293	7.2	25.5	--	8.1	101
28	0555	15	900	293	7.2	25.2	--	8.2	101
28	0556	21	900	294	7.2	25.2	--	8.2	101
28	0554	25	900	292	7.2	25.2	--	8.2	101
28	0554	27	900	292	7.2	25.2	--	8.2	101

Table 15. *Water-quality data for station 401838080360701, Ohio River at river mile 71.4, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
June									
28	1327	0.2	300	299	7.4	25.7	--	8.3	104
28	1327	3.1	300	306	7.3	25.5	--	8.2	102
28	1328	4.9	300	312	7.3	25.4	--	8.2	101
28	1328	9.9	300	309	7.3	25.4	--	8.2	102
28	1329	15	300	310	7.3	25.4	--	8.2	101
28	1329	20	300	305	7.3	25.4	--	8.2	101
28	1330	25	300	310	7.3	25.3	--	8.1	101
28	1330	26	300	308	7.3	25.3	--	8.1	101
28	1335	.2	600	299	7.3	25.4	--	8.2	101
28	1334	3.1	600	299	7.3	25.3	3.0	8.2	102
28	1334	5.2	600	300	7.3	25.3	--	8.2	101
28	1335	11	600	297	7.3	25.3	--	8.1	101
28	1333	15	600	302	7.2	25.3	--	8.1	100
28	1333	21	600	300	7.2	25.2	--	8.1	100
28	1332	25	600	294	7.2	25.2	--	8.1	100
28	1332	30	600	293	7.2	25.2	--	8.1	100
28	1337	.2	900	299	7.3	25.7	--	8.3	103
28	1337	3.0	900	301	7.3	25.6	--	8.2	102
28	1338	5.0	900	301	7.3	25.6	--	8.2	102
28	1338	10	900	300	7.3	25.3	--	8.2	101
28	1339	15	900	302	7.2	25.3	--	8.1	100
28	1339	20	900	302	7.2	25.2	--	8.1	100
28	1340	24	900	302	7.2	25.2	--	8.1	100
July									
12	0717	.2	300	339	7.4	27.1	--	8.0	102
12	0717	3.2	300	336	7.4	27.1	--	8.0	101
12	0718	5.1	300	336	7.4	27.1	--	8.0	101
12	0718	10	300	336	7.4	27.1	--	8.0	101
12	0719	15	300	337	7.4	27.0	--	8.0	101
12	0719	20	300	337	7.4	27.0	--	0.1	101
12	0720	25	300	337	7.4	27.0	--	7.9	100
12	0720	29	300	337	7.4	27.0	--	7.9	100
12	0722	.2	600	337	7.4	27.0	--	8.0	102
12	0722	3.0	600	337	7.4	27.1	--	8.0	102
12	0723	5.0	600	336	7.4	27.1	--	8.0	102
12	0723	9.8	600	335	7.4	27.1	--	8.0	101
12	0724	15	600	337	7.4	27.1	--	8.0	101
12	0724	20	600	334	7.4	27.0	--	7.9	100
12	0725	25	600	334	7.4	27.0	--	7.9	100
12	0725	29	600	337	7.4	27.0	--	7.9	100

Table 15. *Water-quality data for station 401838080360701, Ohio River at river mile 71.4, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
July									
12	0727	0.2	900	339	7.4	27.4	--	8.0	102
12	0727	3.1	900	338	7.4	27.4	--	8.0	101
12	0728	5.0	900	339	7.4	27.4	--	8.0	101
12	0728	10	900	337	7.4	27.3	--	8.0	101
12	0729	15	900	334	7.4	27.2	--	8.0	102
12	0729	20	900	335	7.4	27.2	--	8.0	101
12	0730	22	900	334	7.4	27.2	--	8.0	101
12	1604	.2	300	356	8.1	28.7	--	9.5	124
12	1604	3.0	300	357	8.1	28.6	--	9.3	121
12	1605	4.9	300	356	8.2	28.8	--	9.5	124
12	1605	10	300	355	8.1	28.6	--	9.3	122
12	1606	15	300	353	7.7	28.0	--	8.3	108
12	1606	20	300	356	7.6	27.8	--	8.1	104
12	1607	24	300	360	7.5	27.7	--	8.0	103
12	1607	28	300	351	7.5	27.6	--	7.8	100
12	1609	.2	600	347	7.9	28.2	--	8.8	114
12	1609	2.6	600	359	8.1	28.6	--	9.1	118
12	1610	4.4	600	355	8.1	28.5	--	9.4	122
12	1610	8.6	600	357	7.9	28.2	--	8.8	114
12	1611	13	600	361	7.7	28.0	--	8.5	110
12	1612	19	600	356	7.6	27.8	--	8.2	105
12	1612	27	600	358	7.6	27.8	--	8.3	106
12	1611	30	600	352	7.6	27.7	--	8.2	105
12	1615	.2	900	358	8.0	28.8	--	9.0	118
12	1615	3.2	900	359	7.9	28.6	--	9.0	118
12	1616	5.0	900	355	7.8	28.2	--	8.6	111
12	1616	9.5	900	360	7.6	27.8	--	8.4	108
12	1617	15	900	355	7.6	27.7	--	8.2	106
12	1617	20	900	351	7.6	27.7	--	8.1	104
12	1618	26	900	358	7.5	27.7	--	8.0	103
26	0608	.2	300	426	7.7	29.4	--	7.2	97
26	0608	3.2	300	436	7.5	29.4	--	7.0	94
26	0609	5.1	300	436	7.5	29.4	--	7.0	94
26	0611	10	300	436	7.4	29.4	--	7.0	94
26	0611	15	300	436	7.4	29.4	--	7.0	94
26	0610	20	300	436	7.4	29.4	--	7.0	93
26	0610	25	300	436	7.4	29.4	--	7.0	93
26	0609	27	300	436	7.4	29.4	--	7.0	93

Table 15. *Water-quality data for station 401838080360701, Ohio River at river mile 71.4, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
July									
26	0613	0.2	600	435	7.7	29.3	--	7.2	97
26	0613	3.2	600	436	7.5	29.3	--	7.0	94
26	0614	5.1	600	437	7.4	29.3	--	7.0	94
26	0614	9.9	600	436	7.4	29.4	--	7.0	94
26	0615	15	600	437	7.4	29.3	--	7.0	93
26	0615	20	600	436	7.4	29.4	--	7.0	94
26	0616	25	600	437	7.4	29.3	--	7.0	93
26	0616	30	600	437	7.4	29.3	--	7.0	93
26	0618	.2	900	437	7.5	29.6	--	7.0	94
26	0618	3.0	900	437	7.4	29.5	--	7.0	93
26	0619	4.7	900	436	7.4	29.4	--	0.1	93
26	0619	9.5	900	436	7.4	29.4	--	7.0	93
26	0620	15	900	437	7.4	29.3	--	7.0	93
26	0620	20	900	436	7.5	29.3	--	7.0	94
26	0621	25	900	438	7.4	29.3	--	7.0	93
26	1446	.2	300	430	7.6	29.7	--	7.4	100
26	1446	3.0	300	431	7.6	29.8	--	7.3	99
26	1447	5.0	300	431	7.6	29.8	--	7.4	100
26	1447	10	300	430	7.5	29.5	--	7.2	96
26	1448	15	300	431	7.5	29.6	--	7.2	97
26	1448	20	300	430	7.5	29.5	--	7.2	96
26	1449	25	300	431	7.5	29.5	--	7.1	95
26	1449	30	300	430	7.5	29.5	--	7.1	95
26	1452	.2	600	430	7.5	30.0	--	7.3	99
26	1452	3.0	600	429	7.5	30.0	3.0	7.3	99
26	1453	4.9	600	430	7.5	30.0	--	7.4	100
26	1453	9.9	600	428	7.5	29.9	--	7.4	99
26	1454	15	600	435	7.5	29.5	--	7.1	95
26	1454	20	600	437	7.4	29.5	--	7.1	95
26	1455	25	600	429	7.4	29.4	--	7.0	94
26	1455	29	600	425	7.4	29.4	--	6.9	93
26	1456	31	600	424	7.4	29.4	--	6.9	92
26	1458	.2	900	430	7.5	29.7	--	7.3	98
26	1458	3.2	900	429	7.5	29.8	--	7.1	96
26	1459	5.1	900	429	7.5	29.8	--	7.1	96
26	1459	9.7	900	433	7.5	29.5	--	7.1	96
26	1500	15	900	427	7.4	29.5	--	7.1	95
26	1500	20	900	436	7.4	29.4	--	7.0	94
26	1501	25	900	436	7.4	29.4	--	7.0	94
26	1501	30	900	427	7.4	29.4	--	7.0	93

Table 15. *Water-quality data for station 401838080360701, Ohio River at river mile 71.4, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
August									
09	0636	0.5	300	432	7.5	26.1	--	8.6	108
09	0636	3.1	300	431	7.5	26.2	--	8.6	107
09	0639	5.1	300	431	7.6	26.2	--	8.6	108
09	0638	10	300	431	7.5	26.2	--	8.6	108
09	0638	16	300	432	7.5	26.2	--	8.6	108
09	0639	20	300	432	7.5	26.2	--	8.6	107
09	0637	25	300	432	7.5	26.2	--	8.6	107
09	0637	27	300	433	7.5	26.2	--	8.6	107
09	0641	.5	600	433	7.6	26.5	--	8.7	109
09	0641	3.3	600	432	7.5	26.4	--	8.7	109
09	0642	5.1	600	431	7.5	26.3	--	8.7	109
09	0642	10	600	431	7.5	26.3	--	8.7	109
09	0643	15	600	431	7.5	26.3	--	8.7	109
09	0643	20	600	431	7.5	26.3	--	8.7	109
09	0644	25	600	431	7.5	26.3	--	8.7	108
09	0644	30	600	431	7.5	26.2	--	8.6	108
09	0645	31	600	431	7.5	26.3	--	8.6	108
09	0647	.5	900	432	7.6	26.3	--	8.7	110
09	0647	2.8	900	432	7.5	26.4	--	8.7	109
09	0648	5.2	900	431	7.5	26.3	--	8.7	109
09	0648	10	900	431	7.5	26.3	--	8.7	109
09	0649	15	900	431	7.5	26.3	--	8.7	109
09	0649	20	900	431	7.5	26.3	--	8.7	109
09	0650	25	900	431	7.5	26.3	--	8.7	109
09	0650	27	900	431	7.5	26.3	--	8.7	109
09	1414	.4	900	417	7.9	27.0	--	9.0	114
09	1414	3.0	900	413	7.9	26.7	--	9.2	116
09	1415	5.1	900	412	7.8	26.6	--	9.1	114
09	1415	10	900	411	7.7	26.5	--	9.0	114
09	1416	15	900	412	7.7	26.5	--	9.0	113
09	1416	20	900	412	7.7	26.5	--	9.0	113
09	1417	25	900	412	7.7	26.5	--	9.0	113
09	1417	26	900	412	7.7	26.5	--	9.0	113

Table 15. *Water-quality data for station 401838080360701, Ohio River at river mile 71.4, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
August									
09	1419	0.6	600	413	7.9	26.7	--	9.2	116
09	1419	3.1	600	412	7.8	26.7	--	9.2	116
09	1420	5.3	600	411	7.8	26.6	3.5	9.1	114
09	1420	10	600	412	7.7	26.6	--	9.0	113
09	1421	15	600	412	7.7	26.5	--	9.0	113
09	1421	20	600	412	7.7	26.5	--	9.0	113
09	1422	25	600	412	7.7	26.5	--	9.0	113
09	1422	30	600	412	7.7	26.5	--	9.0	113
09	1423	32	600	412	7.7	26.5	--	9.0	113
09	1425	.4	300	418	7.9	26.7	--	9.3	117
09	1425	3.1	300	420	7.9	26.7	--	9.2	116
09	1426	5.1	300	418	7.8	26.7	--	9.2	115
09	1426	9.9	300	417	7.8	26.6	--	9.0	114
09	1427	15	300	417	7.7	26.5	--	9.0	113
09	1427	20	300	413	7.8	26.5	--	9.0	113
09	1428	25	300	412	7.7	26.5	--	9.0	113
09	1428	28	300	416	7.8	26.5	--	9.0	113
23	1604	.6	900	268	7.4	22.4	--	8.8	102
23	1604	3.0	900	269	7.4	22.4	--	8.8	102
23	1605	5.0	900	269	7.4	22.4	--	8.8	103
23	1605	10	900	270	7.4	22.4	--	8.8	103
23	1606	15	900	268	7.4	22.4	--	8.8	103
23	1606	20	900	268	7.4	22.4	--	8.8	103
23	1608	.5	600	265	7.4	22.3	--	8.8	102
23	1608	3.0	600	266	7.4	22.2	--	8.9	103
23	1609	5.2	600	266	7.4	22.2	--	8.9	103
23	1609	9.8	600	265	7.4	22.2	--	8.9	103
23	1610	14	600	268	7.4	22.2	--	8.9	103
23	1610	20	600	265	7.4	22.2	--	8.9	103
23	1611	24	600	264	7.4	22.2	--	8.9	103
23	1611	30	600	268	7.4	22.2	--	8.8	102
23	1613	.4	300	271	7.4	22.3	--	8.7	101
23	1613	3.1	300	274	7.4	22.3	--	8.7	102
23	1614	5.1	300	271	7.4	22.3	--	8.8	102
23	1614	10	300	274	7.4	22.3	--	8.8	102
23	1615	15	300	274	7.4	22.3	--	8.8	102
23	1615	20	300	276	7.4	22.3	--	8.7	101
23	1616	22	300	271	7.4	22.3	--	8.5	99

Table 15. *Water-quality data for station 401838080360701, Ohio River at river mile 71.4, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
September									
07	0600	0.5	300	281	7.5	22.2	--	9.2	107
07	0600	3.3	300	282	7.5	22.2	--	9.2	107
07	0601	5.4	300	282	7.5	22.2	--	9.2	107
07	0601	10	300	282	7.5	22.2	--	9.2	107
07	0602	15	300	283	7.5	22.2	--	9.2	107
07	0602	20	300	285	7.5	22.2	--	9.2	107
07	0603	25	300	279	7.5	22.2	--	9.2	107
07	0603	28	300	286	7.5	22.2	--	9.2	107
07	0605	.4	600	279	7.5	22.2	--	9.1	106
07	0605	3.4	600	280	7.5	22.3	--	9.2	108
07	0606	5.1	600	276	7.5	22.3	--	9.3	108
07	0606	9.9	600	281	7.5	22.3	--	9.3	108
07	0607	15	600	282	7.5	22.3	--	9.3	108
07	0607	20	600	274	7.5	22.3	--	9.3	108
07	0608	25	600	283	7.5	22.3	--	9.2	108
07	0608	30	600	282	7.5	22.3	--	9.2	108
07	0609	31	600	272	7.5	22.3	--	9.2	108
07	0611	.3	900	281	7.6	22.3	--	9.1	106
07	0611	2.9	900	274	7.6	22.5	--	9.2	108
07	0612	5.2	900	282	7.6	22.4	--	9.2	108
07	0612	10	900	282	7.6	22.3	--	9.3	108
07	0613	15	900	271	7.6	22.3	--	9.3	108
07	0613	20	900	280	7.6	22.3	--	9.3	108
07	0614	25	900	275	7.6	22.3	--	9.3	108
07	0614	30	900	282	7.6	22.3	--	9.3	108
07	1438	.2	900	283	7.6	23.1	--	9.0	106
07	1438	3.1	900	282	7.6	23.1	--	9.2	108
07	1440	4.8	900	282	7.5	23.0	--	9.2	108
07	1440	9.8	900	281	7.6	23.0	--	9.2	108
07	1441	15	900	279	7.5	22.6	--	9.2	108
07	1442	20	900	278	7.5	22.6	--	9.2	107
07	1442	25	900	281	7.5	22.6	--	9.2	107
07	1443	30	900	278	7.5	22.6	--	9.2	107

Table 15. *Water-quality data for station 401838080360701, Ohio River at river mile 71.4, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
September									
07	1445	0.3	600	282	7.6	23.0	--	9.3	109
07	1445	2.9	600	281	7.6	22.8	--	9.3	109
07	1446	5.0	600	281	7.6	22.7	--	9.3	108
07	1447	9.9	600	280	7.5	22.6	5.5	9.2	107
07	1447	15	600	282	7.5	22.6	--	9.2	107
07	1448	20	600	282	7.5	22.6	--	9.2	107
07	1448	25	600	283	7.5	22.6	--	9.1	107
07	1449	30	600	280	7.5	22.6	--	9.1	106
07	1452	.2	300	288	7.6	22.7	--	9.2	108
07	1453	3.2	300	286	7.6	22.6	--	9.2	108
07	1453	4.9	300	287	7.6	22.7	--	9.2	108
07	1454	10	300	288	7.5	22.6	--	9.1	107
07	1454	15	300	285	7.5	22.6	--	9.1	107
07	1455	20	300	283	7.5	22.6	--	9.1	106
07	1455	25	300	285	7.5	22.6	--	9.1	106
07	1456	30	300	284	7.5	22.6	--	9.1	106
27	0616	.2	900	387	7.3	24.3	--	7.6	93
27	0617	2.7	900	390	7.3	24.4	--	7.4	91
27	0617	4.9	900	388	7.3	24.3	--	7.5	92
27	0618	10	900	388	7.3	24.3	--	7.6	93
27	0618	15	900	385	7.3	24.1	--	7.7	94
27	0619	20	900	389	7.3	24.2	--	7.7	94
27	0620	25	900	389	7.3	24.0	--	7.4	91
27	0620	30	900	384	7.3	24.0	--	7.4	91
27	0623	.2	600	386	7.3	24.0	--	7.5	91
27	0623	2.7	600	386	7.3	24.0	--	7.6	93
27	0624	4.7	600	388	7.3	24.0	--	7.5	91
27	0624	9.6	600	387	7.3	24.0	--	7.5	91
27	0625	15	600	385	7.3	24.0	--	7.5	92
27	0625	20	600	390	7.3	24.0	--	7.4	90
27	0626	24	600	385	7.3	24.0	--	7.4	91
27	0626	29	600	390	7.3	24.0	--	7.5	91
27	0629	.2	300	396	7.3	23.9	--	7.4	90
27	0629	2.7	300	399	7.3	24.0	--	7.4	90
27	0630	4.7	300	393	7.3	24.0	--	7.3	89
27	0630	9.7	300	395	7.3	24.0	--	7.5	91
27	0631	15	300	397	7.3	24.0	--	7.4	91
27	0632	20	300	398	7.3	24.0	--	7.2	88
27	0632	25	300	397	7.3	24.0	--	7.1	87
27	0633	27	300	397	7.3	24.0	--	7.1	86

Table 15. *Water-quality data for station 401838080360701, Ohio River at river mile 71.4, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
September									
27	1407	0.4	900	392	7.3	23.8	--	7.9	96
27	1407	2.9	900	391	7.3	23.8	--	7.9	96
27	1408	5.0	900	384	7.3	23.7	--	7.9	96
27	1408	10	900	394	7.3	23.5	--	8.0	97
27	1409	15	900	394	7.3	23.5	--	8.0	96
27	1409	20	900	393	7.3	23.5	--	8.0	97
27	1410	25	900	395	7.3	23.5	--	8.0	97
27	1410	29	900	398	7.3	23.5	--	8.0	96
27	1412	.2	600	394	7.3	23.4	--	8.2	99
27	1412	2.8	600	395	7.3	23.5	--	8.0	97
27	1413	5.1	600	396	7.3	23.5	--	8.0	97
27	1413	9.7	600	389	7.3	23.5	--	8.0	97
27	1414	15	600	390	7.3	23.5	--	8.0	96
27	1414	20	600	397	7.3	23.5	--	8.0	96
27	1415	25	600	383	7.3	23.5	--	8.0	96
27	1415	31	600	398	7.3	23.5	--	8.0	97
27	1417	.2	300	397	7.3	23.5	--	7.9	95
27	1417	3.1	300	398	7.3	23.5	--	7.9	95
27	1418	5.1	300	394	7.3	23.5	--	7.9	95
27	1418	10	300	394	7.3	23.5	--	7.9	95
27	1419	15	300	396	7.3	23.5	--	7.9	95
27	1419	20	300	395	7.3	23.5	--	7.9	95
27	1420	25	300	395	7.3	23.5	--	7.9	95
27	1420	28	300	398	7.3	23.5	--	7.8	95
October									
04	1306	.5	900	401	7.5	19.5	--	9.5	105
04	1306	3.1	900	401	7.4	19.5	--	9.5	105
04	1307	5.1	900	399	7.4	19.4	--	9.5	105
04	1307	10	900	397	7.4	19.3	--	9.5	104
04	1308	15	900	398	7.4	19.4	--	9.5	104
04	1308	20	900	397	7.4	19.3	--	9.5	105
04	1309	22	900	396	7.4	19.2	--	9.5	104
04	1311	.6	600	394	7.4	19.2	--	9.6	105
04	1311	3.0	600	395	7.4	19.2	--	9.6	105
04	1312	4.9	600	394	7.4	19.2	4.5	9.6	105
04	1312	9.6	600	395	7.4	19.2	--	9.6	105
04	1313	15	600	395	7.4	19.2	--	9.7	106
04	1313	20	600	395	7.4	19.2	--	9.7	106
04	1314	26	600	395	7.4	19.2	--	9.7	106
04	1314	29	600	395	7.4	19.2	--	9.7	106

Table 15. *Water-quality data for station 401838080360701, Ohio River at river mile 71.4, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
October									
04	1317	0.4	300	403	7.5	19.1	--	9.7	106
04	1317	3.3	300	402	7.4	19.2	--	9.6	104
04	1318	5.3	300	403	7.4	19.2	--	9.5	104
04	1318	9.8	300	403	7.4	19.2	--	9.5	104
04	1319	15	300	402	7.4	19.2	--	9.6	105
04	1319	20	300	401	7.4	19.2	--	9.6	105
04	1320	25	300	402	7.4	19.2	--	9.6	105
04	1320	29	300	400	7.4	19.2	--	9.6	105
18	1606	.4	600	341	8.2	17.5	--	10.0	115
18	1606	2.9	600	341	8.1	17.4	--	10.0	113
18	1605	4.8	600	341	8.0	17.0	--	10.0	109
18	1604	9.7	600	344	7.8	16.7	--	10.0	107
18	1604	15	600	343	7.8	16.7	--	10.0	106
18	1603	20	600	337	7.8	16.7	--	10.0	106
18	1602	25	600	342	7.8	16.7	--	10.0	106
18	1602	30	600	339	7.8	16.7	--	10.0	106
18	1608	.3	300	340	8.2	17.6	--	11.0	117
18	1608	2.9	300	343	8.2	17.6	--	11.0	116
18	1609	5.1	300	340	8.2	17.5	--	10.0	115
18	1609	9.8	300	345	7.9	16.9	--	10.0	111
18	1610	15	300	336	7.8	16.7	--	10.0	105
18	1610	20	300	345	7.7	16.7	--	10.0	104
18	1611	25	300	335	7.7	16.7	--	10.0	104
18	1611	27	300	346	7.7	16.7	--	10.0	104
18	1614	.2	900	324	7.9	17.4	--	10.0	107
18	1615	2.7	900	345	7.9	17.4	--	10.0	107
18	1615	5.1	900	341	7.9	17.4	--	10.0	107
18	1616	9.7	900	341	7.9	17.3	--	10.0	107
18	1616	16	900	340	7.8	16.7	--	10.0	106
18	1617	20	900	339	7.8	16.7	--	10.0	106
18	1617	23	900	339	7.8	16.7	--	10.0	106

Table 16. *Water-quality data for station 401728080365101, Ohio River at river mile 72.9, June to October 1994.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
June									
14	1424	0.7	600	344	8.0	25.9	--	8.9	111
14	1424	3.1	600	345	8.0	25.9	--	9.2	115
14	1425	16	600	347	7.8	25.5	--	8.9	111
14	1425	31	600	347	7.8	25.5	--	9.0	112
28	1345	.2	600	310	7.3	25.3	--	8.2	102
28	1345	2.8	600	310	7.3	25.3	--	8.2	102
28	1344	11	600	309	7.3	25.2	--	8.1	101
28	1344	21	600	307	7.3	25.2	--	8.1	100
July									
12	1623	.2	600	351	8.3	28.8	--	9.8	128
12	1623	3.1	600	352	7.9	28.0	--	8.9	114
12	1625	12	600	352	7.4	27.4	--	7.8	100
12	1624	23	600	353	7.4	27.2	--	7.6	97
26	1504	.2	600	435	7.6	29.7	--	7.6	102
26	1505	3.3	600	436	7.6	29.7	--	7.4	100
26	1506	18	600	441	7.4	29.3	--	6.8	91
26	1505	35	600	444	7.4	29.3	--	6.8	91
August									
09	1430	.4	600	419	7.8	26.5	--	9.0	113
09	1430	3.0	600	418	7.7	26.5	--	9.0	113
09	1431	20	600	414	7.7	26.5	--	8.9	112
09	1431	38	600	408	7.7	26.5	--	8.9	112
23	1618	.5	600	267	7.4	22.3	--	8.7	102
23	1618	3.1	600	265	7.4	22.3	--	8.8	102
23	1619	18	600	268	7.4	22.2	--	8.8	102
23	1619	36	600	261	7.4	22.2	--	8.8	102

Table 16. *Water-quality data for station 401728080365101, Ohio River at river mile 72.9, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
September									
07	1529	0.2	600	281	7.6	22.6	--	9.3	108
07	1529	3.1	600	281	7.6	22.6	--	9.2	108
07	1530	20	600	282	7.6	22.6	--	9.2	108
07	1530	40	600	282	7.5	22.6	--	9.2	107
27	1424	.2	600	394	7.4	23.5	--	7.9	96
27	1424	2.9	600	396	7.3	23.6	--	7.9	96
27	1425	11	600	399	7.3	23.6	--	7.9	96
27	1425	23	600	401	7.3	23.6	--	7.9	96
October									
04	1259	.5	600	399	7.4	19.3	--	9.7	107
04	1259	3.2	600	399	7.4	19.3	--	9.7	107
04	1258	12	600	399	7.4	19.2	--	9.7	106
04	1258	24	600	399	7.4	19.2	--	9.6	105
18	1625	.3	600	342	8.2	17.5	--	10.0	113
18	1625	2.9	600	342	8.1	17.4	--	10.0	114
18	1627	20	600	345	7.8	17.0	--	10.0	105
18	1626	38	600	344	7.8	17.0	--	10.0	105

Table 17. *Water-quality data for station 401542080371801, Ohio River at river mile 75.0, June to October 1994.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
June									
14	1430	0.7	600	346	8.1	26.2	--	9.1	115
14	1431	2.7	600	346	8.1	26.2	--	9.4	118
14	1432	15	600	345	7.8	25.2	--	9.5	117
14	1431	30	600	347	7.8	25.2	--	9.0	112
28	1352	.2	600	305	7.3	25.5	--	8.2	102
28	1351	3.0	600	305	7.4	25.5	--	8.3	103
28	1351	13	600	309	7.3	25.2	--	8.0	99
28	1350	27	600	316	7.3	24.9	--	8.0	98
July									
12	1631	.3	600	340	7.5	27.2	--	8.0	102
12	1632	2.9	600	341	7.5	27.2	--	8.0	102
12	1634	14	600	341	7.5	27.2	--	8.0	101
12	1633	28	600	340	7.5	27.2	--	7.9	101
26	1511	.2	600	441	7.6	29.3	--	7.5	100
26	1512	3.2	600	441	7.6	29.3	--	7.4	99
26	1513	14	600	442	7.5	29.2	--	7.0	94
26	1512	28	600	447	7.5	29.1	--	7.0	94
August									
09	1436	.4	600	433	7.9	26.6	--	9.1	114
09	1436	3.2	600	432	7.8	26.4	--	9.0	113
09	1437	14	600	430	7.7	26.4	--	8.6	108
09	1437	29	600	436	7.6	26.3	--	8.6	107
23	1624	.6	600	270	7.4	22.4	--	8.7	102
23	1624	3.1	600	269	7.4	22.3	--	8.7	102
23	1626	14	600	272	7.4	22.3	--	8.7	102
23	1625	29	600	268	7.4	22.2	--	8.7	102

Table 17. *Water-quality data for station 401542080371801, Ohio River at river mile 75.0, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conduct-ance (µS/cm)	pH (stan-dard units)	Temper-ature, water (°C)	Trans-parency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent satura-tion)
September									
07	1534	0.2	600	280	7.6	22.4	--	9.2	107
07	1535	3.0	600	280	7.6	22.5	--	9.3	109
07	1536	14	600	281	7.6	22.4	--	9.2	107
07	1535	27	600	281	7.6	22.4	--	9.2	107
27	1433	.2	600	396	7.3	23.7	--	7.6	92
27	1434	2.8	600	396	7.3	23.7	--	7.6	92
27	1435	13	600	399	7.3	23.7	--	7.6	92
27	1434	27	600	399	7.3	23.5	--	7.6	92
October									
04	1245	.2	600	405	7.4	19.4	--	9.5	104
04	1246	3.0	600	405	7.4	19.4	--	9.5	104
04	1248	15	600	403	7.4	19.3	--	9.5	103
04	1247	29	600	412	7.5	19.2	--	9.6	104
18	1636	.2	600	343	8.1	17.6	--	10.0	112
18	1636	3.1	600	345	8.1	17.6	--	10.0	112
18	1638	14	600	346	7.7	17.1	--	9.8	103
18	1637	28	600	349	7.8	17.0	--	10.0	105

Table 18. *Water-quality data for station 401422080391701, Ohio River at river mile 77.4, June to October 1994.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
June									
14	1437	0.6	600	347	8.2	27.3	--	8.7	111
14	1438	2.9	600	345	8.2	26.8	--	9.5	120
14	1439	16	600	343	7.8	25.1	--	8.9	110
14	1438	31	600	344	7.8	24.9	--	9.2	112
28	1401	.2	600	298	7.4	27.0	--	8.2	105
28	1401	3.1	600	299	7.4	26.7	--	8.3	105
28	1400	15	600	296	7.2	25.2	--	7.8	96
28	1400	30	600	295	7.2	25.1	--	7.9	98
July									
12	1656	.2	600	338	7.5	28.3	--	8.2	107
12	1656	3.0	600	339	7.5	28.2	--	8.2	106
12	1657	16	600	336	7.4	28.0	--	8.1	105
12	1657	30	600	340	7.3	27.4	--	7.8	100
26	1519	.2	600	443	7.7	33.1	--	7.6	108
26	1519	3.0	600	443	7.6	33.2	--	7.5	107
26	1521	15	600	442	7.4	30.6	--	0.1	95
26	1520	29	600	433	7.4	29.3	--	6.7	90
August									
09	1443	.3	600	448	8.1	29.2	--	9.2	121
09	1444	3.1	600	446	8.0	28.8	--	9.1	119
09	1446	15	600	445	7.7	26.5	--	8.7	109
09	1445	30	600	444	7.6	26.2	--	8.5	107
23	1632	.3	600	272	7.4	22.3	--	8.7	101
23	1632	2.9	600	272	7.4	22.3	--	8.7	101
23	1633	15	600	273	7.4	22.3	--	8.7	101
23	1633	30	600	276	7.4	22.3	--	8.6	100

Table 18. *Water-quality data for station 401422080391701, Ohio River at river mile 77.4, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
September									
07	1543	0.3	600	282	7.7	22.8	--	9.4	111
07	1543	3.2	600	283	7.6	22.9	--	9.4	111
07	1544	14	600	283	7.6	22.7	--	9.4	110
07	1544	30	600	284	7.6	22.7	--	9.4	110
27	1441	.2	600	401	7.4	26.1	--	7.5	96
27	1442	2.9	600	401	7.3	25.5	--	7.4	93
27	1443	14	600	398	7.3	24.0	--	7.4	91
27	1442	29	600	399	7.3	23.9	--	7.4	90
October									
04	1236	.4	600	413	7.4	20.0	--	9.4	104
04	1237	3.1	600	411	7.4	20.0	--	9.4	105
04	1238	14	600	410	7.4	19.9	--	9.4	105
04	1237	26	600	417	7.4	19.7	--	9.4	104
18	1643	.2	600	349	8.2	20.6	--	10.0	119
18	1643	2.9	600	349	8.1	20.6	--	10.0	119
18	1645	15	600	349	7.8	17.7	--	9.9	105
18	1644	29	600	343	7.8	17.4	--	10.0	106

Table 19. *Water-quality data for station 401148080400901, Ohio River at river mile 80.5, June to October 1994.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
June									
14	1446	0.7	600	346	8.1	26.0	--	9.0	113
14	1446	3.2	600	347	8.1	25.9	--	9.3	117
14	1448	17	600	347	7.7	25.0	--	8.6	105
14	1447	36	600	348	7.7	25.0	--	8.8	108
28	1411	.2	600	283	7.3	25.4	--	8.0	100
28	1410	3.0	600	282	7.3	25.4	--	7.9	98
28	1410	17	600	281	7.2	25.2	--	7.7	95
28	1409	33	600	280	7.2	25.2	--	7.7	95
July									
12	1704	.2	600	341	8.1	29.0	--	9.5	125
12	1704	3.0	600	342	7.9	28.6	--	9.0	118
12	1705	16	600	343	7.4	27.9	--	7.8	101
12	1703	33	600	347	8.0	27.9	--	7.1	91
26	1529	.2	600	427	7.6	29.8	--	7.3	98
26	1529	3.2	600	427	7.5	29.8	--	7.1	95
26	1530	18	600	429	7.5	29.7	--	6.9	93
26	1530	35	600	431	7.5	29.7	--	6.9	92
August									
09	1453	.4	600	455	8.2	27.2	--	9.6	122
09	1453	3.1	600	453	8.1	27.1	--	9.4	120
09	1455	18	600	451	7.9	26.8	--	9.1	115
09	1454	34	600	449	7.9	26.8	--	9.0	114
23	1639	.5	600	274	7.4	22.8	--	8.6	101
23	1639	3.1	600	275	7.4	22.7	--	8.6	101
23	1640	18	600	278	7.4	22.5	--	8.6	100
23	1640	35	600	281	7.4	22.5	--	8.5	100

Table 19. *Water-quality data for station 401148080400901, Ohio River at river mile 80.5, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
September									
07	1555	0.2	600	278	7.6	22.7	--	9.1	107
07	1556	2.9	600	279	7.6	22.8	--	9.3	109
07	1557	18	600	280	7.6	22.8	--	9.3	109
07	1556	34	600	281	7.6	22.8	--	9.2	108
27	1451	.2	600	398	7.3	24.3	--	7.3	90
27	1451	2.9	600	402	7.3	24.4	--	7.2	89
27	1453	18	600	394	7.3	24.3	--	7.2	89
27	1452	36	600	403	7.3	24.3	--	7.2	88
October									
04	1224	.5	600	423	7.4	19.6	--	9.3	103
04	1224	3.2	600	420	7.4	19.6	--	9.3	103
04	1225	18	600	423	7.4	19.6	--	9.3	103
04	1225	34	600	424	7.4	19.6	--	9.3	102
18	1652	.2	600	352	8.1	19.0	--	10.0	113
18	1652	3.0	600	352	8.1	19.0	--	10.0	113
18	1654	17	600	349	7.8	18.6	--	9.8	106
18	1653	35	600	346	7.7	18.6	--	9.7	105

Table 20. *Water-quality data for station 401031080411601, Ohio River at river mile 82.3, June to October 1994.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
June									
14	1452	0.5	600	353	8.2	25.7	--	9.2	115
14	1452	3.1	600	354	8.2	25.7	--	9.5	118
14	1454	24	600	367	7.7	24.8	--	8.6	106
14	1453	46	600	367	7.7	24.8	--	8.9	109
28	1417	.2	600	280	7.4	25.7	--	8.2	103
28	1417	2.9	600	282	7.4	25.7	--	8.2	103
28	1416	14	600	292	7.2	25.3	--	7.8	97
28	1415	29	600	292	7.2	25.3	--	7.9	98
July									
12	1709	.2	600	358	7.8	28.4	--	8.8	114
12	1710	2.9	600	357	7.7	28.2	--	8.6	112
12	1711	15	600	367	7.4	27.7	--	7.8	100
12	1710	30	600	373	7.3	27.6	--	7.6	97
26	1534	.2	600	426	7.8	29.7	--	7.8	105
26	1534	3.2	600	430	7.7	29.5	--	7.7	103
26	1535	15	600	431	7.6	29.4	--	7.1	94
26	1535	30	600	461	7.5	29.2	--	7.0	93
August									
09	1458	.4	600	455	8.4	27.4	--	9.8	126
09	1459	3.3	600	456	8.3	27.3	--	10.0	128
09	1500	22	600	459	7.9	27.0	--	8.9	113
09	1459	44	600	459	7.9	27.0	--	8.8	112
23	1644	.4	600	275	7.4	22.7	--	8.5	99
23	1644	3.1	600	275	7.4	22.7	--	8.5	100
23	1645	22	600	280	7.4	22.7	--	8.5	100
23	1645	43	600	273	7.4	22.7	--	8.5	100

Table 20. *Water-quality data for station 401031080411601, Ohio River at river mile 82.3, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
September									
07	1601	0.3	600	275	7.7	22.9	--	9.2	108
07	1601	3.2	600	275	7.7	22.9	--	9.3	110
07	1603	19	600	277	7.6	22.8	--	9.0	106
07	1602	37	600	284	7.5	22.8	--	9.0	106
27	1502	.2	600	408	7.3	24.1	--	7.3	89
27	1502	2.9	600	407	7.3	24.2	--	7.2	88
27	1504	18	600	409	7.3	24.1	--	7.2	87
27	1503	36	600	414	7.3	24.1	--	7.1	87
October									
04	1218	.5	600	432	7.4	19.7	--	9.2	102
04	1218	3.3	600	433	7.4	19.7	--	9.2	102
04	1217	14	600	430	7.4	19.6	--	9.2	101
04	1217	28	600	433	7.4	19.6	--	9.1	100
18	1658	.2	600	351	8.1	18.9	--	10.0	114
18	1659	2.7	600	352	8.1	18.9	--	10.0	114
18	1700	15	600	348	8.0	18.8	--	10.0	112
18	1659	29	600	366	7.8	18.4	--	9.8	106

Table 21. *Water-quality data for station 400913080421201, Ohio River at river mile 84.0, June to October 1994.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
June									
14	0452	0.2	500	357	7.7	24.7	--	8.4	103
14	0451	3.0	500	361	7.7	24.8	--	8.5	105
14	0451	5.1	500	362	7.7	24.8	--	8.6	105
14	0450	10	500	359	7.7	24.8	--	8.6	105
14	0449	15	500	360	7.7	24.8	--	8.6	105
14	0449	20	500	360	7.7	24.8	--	8.6	105
14	0448	25	500	362	7.7	24.8	--	8.6	105
14	0447	30	500	362	7.7	24.8	--	8.6	105
14	0447	36	500	359	7.7	24.8	--	8.6	105
14	0455	.7	900	360	7.7	24.7	--	8.6	105
14	0456	2.6	900	360	7.7	24.8	--	8.6	105
14	0456	5.0	900	360	7.7	24.8	--	8.6	105
14	0457	10	900	360	7.7	24.8	--	8.6	105
14	0457	15	900	361	7.7	24.8	--	8.6	105
14	0458	20	900	362	7.7	24.8	--	8.6	105
14	0458	25	900	362	7.7	24.7	--	8.6	105
14	0459	27	900	362	7.7	24.7	--	8.6	105
14	0504	.2	1,400	364	7.7	24.7	--	8.6	105
14	0503	2.6	1,400	364	7.7	24.8	--	8.6	105
14	0503	5.5	1,400	364	7.7	24.8	--	8.6	105
14	0502	10	1,400	364	7.7	24.8	--	8.6	105
14	0502	15	1,400	364	7.7	24.8	--	8.6	105
14	0501	21	1,400	363	7.7	24.8	--	8.6	105
14	0510	.2	1,900	363	7.7	24.8	--	8.5	105
14	0509	2.9	1,900	363	7.7	24.8	--	8.5	105
14	0510	5.3	1,900	363	7.7	24.8	--	8.5	105
14	0508	10	1,900	364	7.7	24.8	--	8.5	105
14	0508	14	1,900	364	7.7	24.8	--	8.5	105
14	0509	20	1,900	363	7.7	24.8	--	8.5	105
14	0507	25	1,900	364	7.7	24.8	--	8.6	105
14	0507	30	1,900	363	7.7	24.8	--	8.5	105

Table 21. *Water-quality data for station 400913080421201, Ohio River at river mile 84.0, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
June									
14	1500	0.5	500	366	8.1	25.5	--	8.8	109
14	1500	2.8	500	366	8.2	25.8	--	9.2	115
14	1501	5.1	500	366	8.1	25.7	--	9.3	116
14	1501	10	500	366	7.9	25.0	--	9.0	111
14	1502	15	500	367	7.8	24.9	--	8.7	107
14	1502	20	500	368	7.7	24.8	--	8.7	106
14	1503	25	500	368	7.7	24.8	--	8.6	105
14	1503	30	500	368	7.7	24.8	--	8.5	105
14	1504	35	500	368	7.7	24.8	--	8.5	104
14	1504	40	500	368	7.7	24.8	--	8.5	104
14	1505	46	500	367	7.7	24.8	--	8.5	105
14	1507	.6	900	365	8.3	26.1	--	9.4	118
14	1507	3.3	900	367	8.3	26.0	--	9.6	120
14	1508	5.2	900	366	8.3	25.8	--	9.6	120
14	1508	10	900	369	0.1	25.1	--	9.2	113
14	1509	15	900	369	7.8	24.8	--	8.8	108
14	1509	20	900	368	7.7	24.8	--	8.5	105
14	1510	26	900	368	7.7	24.8	--	8.5	104
14	1510	27	900	369	7.7	24.8	--	8.5	104
14	1513	.6	1,400	364	8.3	26.3	--	9.3	117
14	1513	2.9	1,400	366	8.3	26.2	--	9.5	120
14	1514	5.0	1,400	365	8.3	25.9	4.5	9.6	120
14	1514	9.9	1,400	369	7.9	24.9	--	8.9	109
14	1515	15	1,400	366	7.7	24.8	--	8.6	105
14	1515	20	1,400	365	7.7	24.7	--	8.5	104
14	1516	22	1,400	364	7.7	24.7	--	8.4	103
14	1518	.6	1,900	365	8.3	25.7	--	9.0	112
14	1518	2.9	1,900	366	8.3	25.7	--	9.4	117
14	1519	4.9	1,900	368	8.3	25.6	--	9.5	119
14	1519	9.8	1,900	369	8.1	25.1	--	9.5	117
14	1520	15	1,900	375	7.9	24.9	--	8.9	110
14	1520	20	1,900	376	7.8	24.8	--	8.7	106
14	1521	25	1,900	372	7.7	24.8	--	8.6	105
14	1521	30	1,900	375	7.7	24.8	--	8.5	105
28	0503	.2	1,900	286	7.1	25.2	--	7.6	95
28	0504	3.1	1,900	284	7.1	25.2	--	7.6	94
28	0505	5.2	1,900	288	7.1	25.2	--	7.6	94
28	0505	9.7	1,900	287	7.1	25.2	--	7.6	94
28	0506	15	1,900	290	7.1	25.2	--	7.6	94
28	0506	20	1,900	287	7.1	25.2	--	7.6	94
28	0507	25	1,900	290	7.1	25.2	--	7.6	94
28	0507	29	1,900	292	7.1	25.2	--	7.6	94

Table 21. *Water-quality data for station 400913080421201, Ohio River at river mile 84.0, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
June									
28	0510	0.2	1,400	297	7.1	25.2	--	7.7	95
28	0510	3.0	1,400	302	7.1	25.2	--	7.6	94
28	0511	5.0	1,400	298	7.1	25.2	--	7.6	95
28	0511	9.8	1,400	296	7.1	25.2	--	7.6	95
28	0512	15	1,400	296	7.1	25.2	--	7.6	95
28	0512	20	1,400	297	7.1	25.2	--	7.7	95
28	0514	.2	900	305	7.1	25.2	--	7.7	95
28	0514	3.0	900	303	7.1	25.2	--	7.7	95
28	0515	5.1	900	301	7.1	25.2	--	7.7	95
28	0515	10	900	304	7.1	25.2	--	7.7	95
28	0516	15	900	300	7.1	25.2	--	7.7	95
28	0516	20	900	303	7.1	25.2	--	7.7	95
28	0517	25	900	303	7.1	25.2	--	7.7	95
28	0517	28	900	304	7.1	25.2	--	7.7	95
28	0519	.2	500	900	7.1	25.1	--	7.7	95
28	0519	3.0	500	900	7.1	25.2	--	7.6	94
28	0520	5.1	500	299	7.1	25.2	--	7.6	95
28	0520	10	500	900	7.1	25.2	--	7.6	95
28	0521	15	500	900	7.1	25.2	--	7.7	95
28	0521	20	500	298	7.1	25.2	--	7.7	95
28	0522	25	500	301	7.1	25.2	--	7.7	95
28	0522	30	500	301	7.1	25.2	--	7.6	94
28	0523	35	500	301	7.1	25.2	--	7.6	94
28	0523	40	500	298	7.1	25.2	--	7.6	94
28	0524	43	500	303	7.1	25.2	--	7.6	94
28	1422	.2	1,900	286	7.3	26.1	--	8.0	100
28	1422	3.2	1,900	289	7.3	25.9	--	8.0	100
28	1423	5.0	1,900	286	7.2	25.8	--	7.9	98
28	1423	10	1,900	283	7.2	25.5	--	7.7	95
28	1424	15	1,900	284	7.2	25.5	--	7.5	94
28	1424	20	1,900	285	7.2	25.5	--	7.5	93
28	1425	25	1,900	285	7.2	25.5	--	7.5	93
28	1425	29	1,900	286	7.1	25.5	--	7.4	92

Table 21. *Water-quality data for station 400913080421201, Ohio River at river mile 84.0, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
June									
28	1428	0.2	1,400	281	7.5	26.2	--	8.2	104
28	1428	3.0	1,400	281	7.4	26.1	3.0	8.3	105
28	1429	5.1	1,400	286	7.3	25.7	--	7.9	99
28	1429	10	1,400	288	7.2	25.5	--	7.6	95
28	1430	15	1,400	287	7.2	25.5	--	7.5	94
28	1430	20	1,400	288	7.2	25.5	--	7.5	93
28	1433	.2	900	284	7.5	26.2	--	8.2	104
28	1433	3.0	900	285	7.4	26.2	--	8.3	104
28	1434	5.1	900	284	7.4	26.0	--	8.2	103
28	1435	10	900	289	7.3	25.7	--	8.0	100
28	1435	15	900	291	7.2	25.5	--	7.9	98
28	1436	20	900	290	7.2	25.5	--	7.6	94
28	1436	25	900	289	7.2	25.5	--	7.6	94
28	1437	27	900	287	7.2	25.5	--	7.6	94
28	1440	.2	500	287	7.3	25.7	--	8.1	101
28	1440	3.2	500	290	7.3	25.7	--	7.9	99
28	1441	5.1	500	287	7.3	25.7	--	7.9	99
28	1441	9.9	500	288	7.4	25.8	--	8.0	100
28	1442	15	500	289	7.3	25.7	--	8.0	100
28	1442	20	500	289	7.3	25.7	--	8.0	100
28	1443	25	500	289	7.2	25.5	--	7.8	97
28	1443	30	500	291	7.2	25.5	--	7.7	96
28	1444	35	500	287	7.2	25.4	--	7.6	95
28	1444	40	500	290	7.2	25.4	--	7.6	94
28	1445	44	500	286	7.2	25.4	--	7.6	94
July									
12	0604	.2	1,900	369	7.3	27.5	--	7.8	100
12	0604	2.9	1,900	369	7.3	27.6	--	7.8	100
12	0605	4.9	1,900	369	7.3	27.7	--	7.8	100
12	0605	9.9	1,900	369	7.3	27.7	--	7.8	100
12	0606	15	1,900	368	7.3	27.7	--	7.8	100
12	0606	20	1,900	371	7.3	27.6	--	7.7	99
12	0607	25	1,900	371	7.3	27.6	--	7.7	98
12	0607	30	1,900	372	7.3	27.6	--	7.5	96

Table 21. *Water-quality data for station 400913080421201, Ohio River at river mile 84.0, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conduct-ance (µS/cm)	pH (stan-dard units)	Temper-ature, water (°C)	Trans-parency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent satura-tion)
July									
12	0610	0.2	1,400	366	7.3	27.6	--	7.7	99
12	0610	2.9	1,400	366	7.3	27.6	--	7.7	99
12	0611	5.1	1,400	368	7.3	27.6	--	7.7	99
12	0611	9.9	1,400	373	7.3	27.6	--	7.7	99
12	0612	15	1,400	365	7.3	27.6	--	7.7	99
12	0612	20	1,400	368	7.3	27.6	--	7.7	99
12	0613	22	1,400	369	7.3	27.6	--	7.7	98
12	0615	.2	900	366	7.3	27.5	--	7.7	98
12	0615	3.0	900	365	7.3	27.6	--	7.7	98
12	0616	5.0	900	370	7.3	27.6	--	7.7	98
12	0616	9.9	900	370	7.3	27.6	--	7.7	98
12	0617	15	900	372	7.3	27.6	--	7.7	98
12	0617	20	900	370	7.3	27.6	--	7.7	98
12	0618	25	900	365	7.3	27.6	--	7.7	98
12	0618	28	900	364	7.3	27.6	--	7.6	98
12	0620	.2	500	370	7.3	27.5	--	7.6	97
12	0620	3.0	500	370	7.3	27.5	--	7.6	97
12	0621	4.9	500	370	7.3	27.5	--	7.6	97
12	0621	9.9	500	371	7.3	27.5	--	7.6	97
12	0622	15	500	372	7.3	27.5	--	7.6	97
12	0622	20	500	370	7.3	27.5	--	7.6	97
12	0623	25	500	370	7.3	27.5	--	7.6	97
12	0623	30	500	370	7.3	27.5	--	7.6	97
12	0624	35	500	369	7.3	27.5	--	7.6	97
12	0624	40	500	367	7.3	27.5	--	7.6	97
12	0625	43	500	372	7.3	27.5	--	7.6	97
12	1717	.2	500	374	8.3	29.3	--	9.6	127
12	1718	3.0	500	374	8.2	29.3	--	9.8	130
12	1718	5.0	500	374	8.2	29.2	--	9.8	129
12	1719	9.9	500	368	7.6	28.1	--	8.4	108
12	1720	15	500	366	7.6	27.9	--	8.1	105
12	1720	20	500	365	7.5	27.8	--	7.8	100
12	1721	25	500	365	7.6	27.6	--	7.6	97
12	1722	30	500	365	7.4	27.5	--	7.4	95
12	1722	35	500	365	7.4	27.5	--	7.4	95
12	1723	40	500	366	7.2	27.5	--	7.4	95
12	1724	43	500	366	7.3	27.5	--	7.4	95

Table 21. *Water-quality data for station 400913080421201, Ohio River at river mile 84.0, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
July									
12	1729	0.2	900	372	8.2	29.0	--	9.8	130
12	1730	2.8	900	371	8.2	29.0	--	9.9	130
12	1730	5.2	900	368	8.1	28.7	--	9.4	124
12	1731	9.9	900	367	7.7	28.2	--	8.7	112
12	1731	15	900	365	7.4	27.8	--	8.0	103
12	1732	20	900	364	7.4	27.7	--	7.9	102
12	1732	25	900	361	7.3	27.5	--	7.5	96
12	1733	27	900	361	7.3	27.5	--	7.4	95
12	1736	.2	1,400	371	8.2	29.0	--	9.8	130
12	1736	2.9	1,400	371	8.2	29.0	--	9.9	130
12	1737	4.9	1,400	371	8.2	28.9	--	9.8	129
12	1737	9.8	1,400	363	7.5	27.8	--	8.2	105
12	1738	15	1,400	360	7.4	27.6	--	7.7	99
12	1738	21	1,400	360	7.3	27.5	--	7.4	95
12	1742	.2	1,900	367	8.1	28.7	--	9.4	122
12	1743	3.0	1,900	367	8.1	28.7	--	9.4	122
12	1743	5.0	1,900	362	7.7	28.0	--	8.6	110
12	1744	10	1,900	356	7.5	27.8	--	8.3	106
12	1744	15	1,900	355	7.8	27.6	--	7.8	99
12	1745	20	1,900	355	7.3	27.5	--	7.7	98
12	1746	25	1,900	356	7.3	27.6	--	7.6	97
12	1747	29	1,900	356	7.3	27.6	--	7.7	98
26	0511	.2	1,900	430	7.6	29.2	--	6.8	91
26	0512	2.9	1,900	430	7.5	29.3	--	6.8	91
26	0512	5.0	1,900	429	7.5	29.3	--	6.8	91
26	0513	10	1,900	428	7.5	29.3	--	6.8	91
26	0513	15	1,900	431	7.5	29.3	--	6.8	91
26	0514	20	1,900	433	7.5	29.3	--	6.8	91
26	0515	25	1,900	430	7.5	29.3	--	6.8	91
26	0515	30	1,900	429	7.5	29.3	--	6.8	91
26	0520	.2	1,400	428	7.6	29.2	--	7.2	94
26	0521	2.9	1,400	428	7.6	29.2	--	7.1	95
26	0521	4.8	1,400	428	7.5	29.2	--	7.2	96
26	0522	10	1,400	428	7.5	29.2	--	7.1	95
26	0522	15	1,400	427	7.5	29.2	--	7.4	98
26	0523	21	1,400	428	7.5	29.2	--	7.6	101

Table 21. *Water-quality data for station 400913080421201, Ohio River at river mile 84.0, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
July									
26	0529	0.2	900	424	7.6	29.2	--	7.7	102
26	0529	3.0	900	426	7.6	29.2	--	7.2	96
26	0530	5.1	900	425	7.5	29.2	--	7.1	95
26	0530	10	900	427	7.5	29.2	--	7.0	94
26	0531	15	900	429	7.5	29.3	--	7.0	94
26	0531	20	900	427	7.5	29.2	--	7.0	93
26	0532	25	900	427	7.5	29.2	--	7.0	93
26	0532	28	900	428	7.5	29.2	--	7.0	93
26	0536	.2	500	426	7.7	29.2	--	7.0	94
26	0536	3.6	500	426	7.6	29.3	--	6.8	91
26	0537	4.9	500	424	7.5	29.3	--	6.9	92
26	0537	10	500	424	7.5	29.2	--	6.9	92
26	0538	15	500	429	7.5	29.3	--	6.9	92
26	0538	20	500	429	7.5	29.3	--	6.9	92
26	0539	25	500	424	7.5	29.3	--	6.9	92
26	0539	30	500	428	7.5	29.3	--	6.9	92
26	0540	35	500	425	7.5	29.3	--	6.9	92
26	0540	40	500	428	7.5	29.3	--	6.9	92
26	0541	44	500	425	7.5	29.3	--	6.9	92
26	1541	.2	500	434	7.7	29.6	--	7.5	101
26	1541	3.1	500	433	7.7	29.6	--	7.4	99
26	1542	4.8	500	436	7.7	29.5	--	7.4	99
26	1542	9.8	500	438	7.7	29.6	--	7.4	99
26	1543	15	500	427	7.6	29.4	--	7.1	95
26	1543	20	500	432	7.6	29.4	--	7.0	94
26	1544	25	500	429	7.6	29.3	--	6.9	92
26	1544	30	500	437	7.5	29.3	--	6.8	91
26	1545	35	500	439	7.5	29.3	--	6.7	90
26	1545	41	500	433	7.5	29.2	--	6.6	88
26	1548	.2	900	434	7.7	29.6	--	7.6	101
26	1548	3.2	900	435	7.7	29.6	--	7.6	102
26	1549	5.0	900	435	7.7	29.6	--	7.6	102
26	1549	10	900	433	7.7	29.7	--	7.5	101
26	1550	15	900	429	7.6	29.4	--	7.4	99
26	1550	20	900	428	7.6	29.3	--	7.0	93
26	1551	25	900	438	7.5	29.3	--	6.8	92
26	1551	30	900	439	7.5	29.2	--	6.7	90

Table 21. *Water-quality data for station 400913080421201, Ohio River at river mile 84.0, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conduct-ance (µS/cm)	pH (stan-dard units)	Temper-ature, water (°C)	Trans-parency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent satura-tion)
July									
26	1553	0.2	1,400	431	7.7	29.5	--	7.6	102
26	1553	3.4	1,400	433	7.7	29.6	--	7.5	101
26	1554	5.2	1,400	431	7.7	29.6	4.0	7.5	101
26	1554	10	1,400	435	7.6	29.4	--	7.4	99
26	1555	15	1,400	430	7.5	29.2	--	7.0	93
26	1555	20	1,400	436	7.5	29.2	--	6.6	89
26	1558	.2	1,900	431	7.7	29.7	--	7.6	102
26	1558	3.0	1,900	428	7.7	29.5	--	7.4	99
26	1559	5.1	1,900	433	7.6	29.5	--	7.3	98
26	1559	10	1,900	432	7.5	29.3	--	7.0	93
26	1600	15	1,900	434	7.5	29.2	--	6.6	89
26	1600	20	1,900	433	7.5	29.2	--	6.6	88
26	1601	25	1,900	436	7.4	29.2	--	6.6	88
26	1601	29	1,900	437	7.4	29.2	--	6.4	86
August									
09	0543	.3	1,900	464	7.9	26.7	--	9.0	113
09	0543	2.8	1,900	464	7.8	26.8	--	9.0	113
09	0544	5.0	1,900	466	7.8	26.8	--	9.0	114
09	0544	10	1,900	468	7.8	26.8	--	9.0	113
09	0545	15	1,900	463	7.8	26.8	--	8.9	112
09	0545	20	1,900	465	7.7	26.8	--	8.6	109
09	0546	25	1,900	462	7.6	26.7	--	8.5	108
09	0546	30	1,900	468	7.6	26.7	--	8.5	107
09	0549	.3	1,400	463	7.9	26.7	--	8.9	112
09	0549	3.1	1,400	464	7.8	26.7	--	8.9	113
09	0550	5.1	1,400	467	7.8	26.7	--	8.9	113
09	0550	10	1,400	465	7.8	26.7	--	8.9	113
09	0551	15	1,400	465	7.8	26.7	--	8.9	113
09	0551	20	1,400	465	7.8	26.7	--	8.9	112
09	0552	22	1,400	464	7.8	26.7	--	8.9	112
09	0554	.3	900	466	7.8	26.7	--	8.9	112
09	0554	3.1	900	466	7.8	26.7	--	8.8	111
09	0555	5.0	900	466	7.8	26.7	--	8.8	112
09	0555	10	900	466	7.8	26.7	--	8.8	112
09	0556	15	900	466	7.8	26.7	--	8.8	112
09	0556	20	900	465	7.8	26.7	--	8.8	112
09	0557	25	900	465	7.8	26.7	--	8.8	112
09	0557	28	900	465	7.8	26.7	--	8.8	111

Table 21. *Water-quality data for station 400913080421201, Ohio River at river mile 84.0, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
August									
09	0600	0.5	500	467	7.8	26.7	--	8.7	110
09	0600	3.0	500	465	7.8	26.7	--	8.7	110
09	0601	5.1	500	465	7.8	26.7	--	8.7	110
09	0601	10	500	464	7.8	26.7	--	8.7	110
09	0602	15	500	469	7.8	26.7	--	8.8	111
09	0602	20	500	467	7.8	26.7	--	8.8	111
09	0603	25	500	466	7.8	26.7	--	8.8	111
09	0603	30	500	464	7.8	26.7	--	8.7	111
09	0604	35	500	466	7.8	26.7	--	8.7	110
09	0604	40	500	471	7.7	26.7	--	8.7	111
09	0605	44	500	471	7.8	26.7	--	8.7	110
09	1506	.6	1,900	462	8.5	27.3	--	10.0	131
09	1506	2.9	1,900	458	8.5	27.2	--	10.0	132
09	1507	5.3	1,900	458	8.4	27.0	--	10.0	128
09	1507	10	1,900	460	8.0	26.8	--	9.0	114
09	1508	15	1,900	461	7.9	26.7	--	8.9	112
09	1508	20	1,900	460	7.9	26.7	--	8.8	111
09	1509	25	1,900	461	7.9	26.7	--	8.8	110
09	1509	30	1,900	461	7.9	26.7	--	8.8	110
09	1512	.4	1,400	457	8.6	27.4	--	10.0	135
09	1512	3.2	1,400	458	8.5	27.3	--	10.0	131
09	1513	5.1	1,400	460	8.1	26.9	4.5	9.4	118
09	1513	10	1,400	461	7.9	26.8	--	8.9	112
09	1514	15	1,400	461	7.9	26.7	--	8.8	111
09	1514	21	1,400	462	7.9	26.7	--	8.7	110
09	1517	.5	900	458	8.6	27.3	--	10.0	131
09	1517	3.1	900	459	8.5	27.2	--	10.0	128
09	1518	5.1	900	459	8.0	26.8	--	9.2	116
09	1518	10	900	460	8.0	26.8	--	9.0	114
09	1519	15	900	460	7.9	26.8	--	8.9	112
09	1519	20	900	460	7.9	26.8	--	8.8	111
09	1520	25	900	460	7.9	26.7	--	8.8	111
09	1520	30	900	461	7.9	26.7	--	8.8	111

Table 21. *Water-quality data for station 400913080421201, Ohio River at river mile 84.0, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
August									
09	1524	0.6	500	460	8.2	26.9	--	9.3	117
09	1524	3.1	500	461	8.1	26.9	--	9.3	118
09	1525	5.3	500	460	8.1	26.9	--	9.3	117
09	1525	9.9	500	460	8.1	26.9	--	9.2	116
09	1526	15	500	460	8.1	26.8	--	9.1	115
09	1526	20	500	461	8.0	26.8	--	9.1	115
09	1527	25	500	460	8.0	26.8	--	9.1	115
09	1527	30	500	460	8.0	26.8	--	9.1	115
09	1528	35	500	459	0.1	26.8	--	9.1	115
09	1528	40	500	460	8.1	26.8	--	9.1	115
09	1529	44	500	465	7.9	26.8	--	9.0	113
23	0518	.3	1,900	249	7.0	22.8	--	8.5	100
23	0526	3.5	1,900	248	7.0	22.8	--	8.6	101
23	0525	5.4	1,900	251	7.0	22.9	--	8.6	101
23	0525	10	1,900	253	7.0	22.9	--	8.6	101
23	0524	16	1,900	256	7.0	22.9	--	8.5	100
23	0523	20	1,900	250	7.0	22.9	--	8.5	100
23	0522	24	1,900	263	7.0	22.9	--	8.5	100
23	0521	29	1,900	253	7.0	22.9	--	8.4	99
23	0533	.2	1,400	248	7.1	22.7	--	8.6	101
23	0533	3.7	1,400	248	7.0	22.7	--	8.6	101
23	0532	5.7	1,400	248	7.0	22.7	--	8.6	101
23	0531	11	1,400	241	7.0	22.7	--	8.6	101
23	0530	14	1,400	244	7.0	22.7	--	8.6	100
23	0530	21	1,400	251	7.0	22.7	--	8.5	100
23	0540	.2	900	248	7.1	22.6	--	8.6	100
23	0540	2.4	900	247	7.0	22.6	--	8.6	101
23	0539	5.2	900	248	7.0	22.6	--	8.6	101
23	0538	11	900	247	7.0	22.6	--	8.6	100
23	0538	15	900	247	7.0	22.6	--	8.6	100
23	0537	20	900	251	7.0	22.6	--	8.6	100
23	0536	22	900	247	7.0	22.6	--	8.6	100
23	0536	29	900	251	7.0	22.6	--	8.6	100

Table 21. *Water-quality data for station 400913080421201, Ohio River at river mile 84.0, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
August									
23	0552	0.6	500	250	7.1	22.5	--	8.5	99
23	0552	2.7	500	250	7.1	22.5	--	8.6	100
23	0551	4.8	500	249	7.1	22.5	--	8.6	100
23	0551	9.3	500	251	7.1	22.5	--	8.5	100
23	0550	15	500	250	7.1	22.5	--	8.5	99
23	0550	20	500	251	7.1	22.5	--	8.5	99
23	0549	27	500	251	7.0	22.5	--	8.5	99
23	0548	31	500	249	7.1	22.5	--	8.5	99
23	0548	35	500	252	7.1	22.5	--	8.5	99
23	0547	38	500	255	7.0	22.5	--	8.5	99
23	1651	.4	1,900	283	7.4	23.2	--	8.5	101
23	1657	2.9	1,900	281	7.4	23.0	--	8.5	100
23	1656	5.2	1,900	280	7.4	23.0	--	8.5	100
23	1654	10	1,900	278	7.4	23.0	--	8.5	100
23	1655	15	1,900	277	7.4	22.9	--	8.5	100
23	1654	20	1,900	277	7.4	22.9	--	8.5	100
23	1653	25	1,900	277	7.4	23.0	--	8.5	100
23	1652	29	1,900	280	7.4	23.0	--	8.4	98
23	1700	.5	1,400	276	7.4	22.8	--	8.5	100
23	1701	2.6	1,400	275	7.4	22.8	--	8.5	100
23	1701	4.6	1,400	275	7.4	22.8	--	8.5	100
23	1703	10	1,400	275	7.4	22.8	--	8.5	100
23	1703	14	1,400	275	7.4	22.8	--	8.5	100
23	1702	18	1,400	275	7.4	22.8	--	8.5	100
23	1702	21	1,400	275	7.4	22.8	--	8.5	100
23	1706	.5	900	276	7.4	22.7	--	8.5	100
23	1707	3.5	900	276	7.4	22.7	--	8.5	100
23	1711	4.8	900	276	7.4	22.7	--	8.5	100
23	1711	10	900	276	7.4	22.7	--	8.5	100
23	1710	16	900	276	7.4	22.7	--	8.5	100
23	1709	20	900	276	7.4	22.7	--	8.5	100
23	1708	24	900	276	7.4	22.7	--	8.5	100
23	1707	29	900	276	7.4	22.7	--	8.5	100

Table 21. *Water-quality data for station 400913080421201, Ohio River at river mile 84.0, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
August									
23	1715	0.5	500	279	7.4	22.7	--	8.5	100
23	1715	3.4	500	280	7.4	22.7	--	8.5	100
23	1723	5.3	500	279	7.4	22.7	--	8.5	100
23	1722	11	500	280	7.4	22.6	--	8.5	99
23	1721	16	500	279	7.4	22.7	--	8.5	99
23	1721	20	500	279	7.4	22.6	--	8.5	99
23	1720	24	500	280	7.4	22.6	--	8.5	99
23	1719	29	500	279	7.4	22.6	--	8.5	99
23	1718	34	500	280	7.4	22.6	--	8.5	99
23	1716	37	500	280	7.4	22.6	--	8.5	99
September									
07	0505	.2	1,900	265	7.6	22.7	--	9.2	108
07	0505	3.1	1,900	267	7.5	22.7	--	9.3	109
07	0506	4.8	1,900	268	7.6	22.7	--	9.3	110
07	0506	9.9	1,900	261	7.6	22.8	--	9.3	110
07	0507	15	1,900	263	7.6	22.7	--	9.3	110
07	0510	20	1,900	268	7.6	22.8	--	9.3	110
07	0509	25	1,900	267	7.6	22.8	--	9.4	110
07	0509	29	1,900	266	7.6	22.7	--	9.4	111
07	0515	.2	1,400	271	7.6	22.7	--	9.2	108
07	0515	3.1	1,400	272	7.6	22.7	--	9.3	109
07	0516	5.2	1,400	271	7.6	22.7	--	9.3	109
07	0516	10	1,400	273	7.5	22.7	--	9.3	109
07	0517	15	1,400	273	7.5	22.7	--	9.3	109
07	0517	20	1,400	273	7.5	22.7	--	9.3	109
07	0518	22	1,400	273	7.5	22.7	--	9.3	109
07	0521	.3	900	270	7.6	22.7	--	9.2	108
07	0521	3.3	900	271	7.5	22.8	--	9.3	109
07	0522	5.1	900	271	7.5	22.8	--	9.3	109
07	0522	10	900	272	7.5	22.8	--	9.3	109
07	0523	15	900	273	7.5	22.8	--	9.3	109
07	0523	20	900	273	7.5	22.8	--	9.3	109
07	0524	25	900	274	7.5	22.8	--	9.3	109
07	0524	30	900	274	7.5	22.8	--	9.2	109

Table 21. *Water-quality data for station 400913080421201, Ohio River at river mile 84.0, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
September									
07	0528	0.3	500	273	7.5	22.7	--	9.1	107
07	0529	2.9	500	276	7.5	22.7	--	9.2	108
07	0530	5.3	500	273	7.5	22.7	--	9.2	108
07	0530	10	500	278	7.5	22.7	--	9.2	109
07	0531	15	500	271	7.6	22.7	--	9.2	109
07	0531	20	500	268	7.5	22.7	--	9.2	109
07	0532	25	500	284	7.4	22.7	--	9.2	109
07	0532	30	500	284	7.5	22.7	--	9.2	109
07	0533	35	500	274	7.4	22.7	--	9.2	109
07	0533	40	500	268	7.6	22.7	--	9.2	108
07	0534	45	500	286	7.5	22.7	--	9.2	108
07	1608	.2	1,900	276	7.7	22.9	--	9.2	108
07	1608	3.1	1,900	275	7.6	23.0	--	9.3	110
07	1609	5.1	1,900	277	7.6	23.0	--	9.3	110
07	1609	10	1,900	277	7.6	23.0	--	9.3	109
07	1610	15	1,900	279	7.6	22.9	--	9.1	107
07	1610	20	1,900	276	7.5	22.9	--	9.1	106
07	1611	25	1,900	281	7.5	22.9	--	9.0	106
07	1611	29	1,900	281	7.5	22.9	--	8.9	105
07	1614	.3	1,400	281	7.7	23.0	--	9.3	110
07	1614	3.1	1,400	282	7.7	23.1	--	9.4	111
07	1615	5.1	1,400	279	7.7	23.0	--	9.5	111
07	1615	10	1,400	273	7.6	22.9	--	9.3	109
07	1616	15	1,400	275	7.6	22.8	--	9.1	107
07	1616	20	1,400	275	7.5	22.8	--	9.0	106
07	1617	21	1,400	273	7.5	22.8	--	9.0	106
07	1619	.2	900	280	7.8	23.1	--	9.4	111
07	1619	3.1	900	278	7.8	23.1	--	9.5	113
07	1620	5.0	900	276	7.8	23.0	--	9.6	113
07	1620	9.9	900	275	7.7	23.0	--	9.5	112
07	1621	15	900	276	7.7	23.0	--	9.4	111
07	1621	20	900	275	7.6	22.9	--	9.3	110
07	1622	25	900	272	7.6	22.9	--	9.2	108
07	1622	30	900	271	7.6	22.9	--	9.1	107

Table 21. *Water-quality data for station 400913080421201, Ohio River at river mile 84.0, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
September									
07	1625	0.3	500	274	7.7	22.7	--	9.1	107
07	1625	3.1	500	276	7.7	23.0	--	9.3	110
07	1626	4.9	500	276	7.7	23.0	--	9.4	111
07	1627	9.8	500	276	7.7	23.0	--	9.4	111
07	1628	15	500	271	7.7	23.0	--	9.4	110
07	1628	20	500	272	7.6	22.9	--	9.3	109
07	1629	25	500	277	7.7	22.9	--	9.3	109
07	1630	30	500	269	7.7	22.9	--	9.3	110
07	1631	35	500	279	7.6	22.9	--	9.2	109
07	1631	40	500	277	7.8	22.9	--	9.2	108
07	1632	44	500	278	7.6	22.9	--	9.2	108
27	0510	.2	1,900	391	7.3	24.0	--	7.2	88
27	0511	3.0	1,900	392	7.3	24.1	--	7.4	90
27	0512	5.1	1,900	392	7.3	24.1	--	7.2	88
27	0512	10	1,900	392	7.3	24.1	--	7.3	90
27	0513	15	1,900	392	7.3	24.1	--	7.4	91
27	0514	20	1,900	392	7.3	24.1	--	7.5	92
27	0520	26	1,900	392	7.3	24.1	--	6.6	81
27	0522	.2	1,400	392	7.4	24.1	--	7.3	89
27	0523	3.1	1,400	392	7.3	24.1	--	7.1	87
27	0524	5.0	1,400	392	7.3	24.1	--	7.0	86
27	0524	10	1,400	392	7.3	24.1	--	7.1	86
27	0525	15	1,400	392	7.3	24.2	--	7.1	87
27	0526	20	1,400	392	7.3	24.2	--	7.1	87
27	0526	24	1,400	392	7.3	24.1	--	6.9	85
27	0528	.3	900	395	7.3	24.1	--	7.4	91
27	0529	3.3	900	396	7.3	24.2	--	7.3	89
27	0530	5.1	900	396	7.3	24.1	--	7.3	89
27	0530	9.8	900	396	7.3	24.2	--	7.2	89
27	0531	15	900	396	7.3	24.2	--	7.2	89
27	0531	20	900	397	7.3	24.2	--	7.3	89
27	0532	25	900	397	7.3	24.2	--	7.2	89
27	0532	28	900	397	7.3	24.2	--	6.9	85

Table 21. *Water-quality data for station 400913080421201, Ohio River at river mile 84.0, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
September									
27	0542	0.2	500	397	7.3	24.1	--	6.9	85
27	0542	3.0	500	397	7.3	24.1	--	6.9	85
27	0541	5.2	500	397	7.3	24.1	--	6.8	84
27	0541	10	500	397	7.3	24.2	--	6.8	83
27	0540	15	500	398	7.3	24.1	--	6.5	80
27	0539	20	500	400	7.3	24.1	--	6.8	83
27	0538	25	500	400	7.3	24.1	--	6.7	82
27	0537	30	500	400	7.3	24.1	--	6.6	81
27	0536	35	500	400	7.3	24.1	--	6.8	84
27	0536	39	500	400	7.3	24.1	--	7.8	96
27	0535	44	500	400	7.3	24.1	--	7.8	96
27	1514	.2	1,900	403	7.3	24.0	--	7.2	88
27	1514	2.9	1,900	401	7.3	24.0	--	7.2	88
27	1515	4.9	1,900	405	7.3	24.0	--	7.2	88
27	1515	9.8	1,900	400	7.3	24.0	--	7.2	88
27	1516	15	1,900	399	7.3	24.0	--	7.2	88
27	1516	20	1,900	407	7.3	24.0	--	7.2	88
27	1517	25	1,900	409	7.3	24.0	--	7.2	87
27	1517	29	1,900	401	7.3	24.0	--	7.1	87
27	1521	.2	1,400	405	7.3	24.0	--	7.3	89
27	1522	2.9	1,400	405	7.3	24.0	--	7.3	89
27	1522	4.8	1,400	404	7.3	24.0	--	7.3	89
27	1523	10	1,400	405	7.3	24.0	--	7.2	88
27	1523	15	1,400	410	7.3	24.0	--	7.2	88
27	1524	21	1,400	404	7.3	24.0	--	7.2	88
27	1527	.2	900	410	7.3	24.0	--	7.3	89
27	1527	2.7	900	409	7.3	24.0	--	7.3	89
27	1528	5.0	900	411	7.3	24.0	--	7.3	89
27	1528	10	900	411	7.3	24.0	--	7.3	89
27	1529	15	900	410	7.3	24.0	--	7.2	88
27	1530	20	900	409	7.3	24.0	--	7.2	88
27	1530	25	900	410	7.3	24.0	--	7.2	88
27	1531	27	900	410	7.3	24.0	--	7.2	88

Table 21. *Water-quality data for station 400913080421201, Ohio River at river mile 84.0, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
September									
27	1536	0.2	500	409	7.3	23.9	--	7.3	89
27	1536	2.8	500	410	7.3	23.9	--	7.3	88
27	1537	4.9	500	411	7.3	23.9	--	7.3	88
27	1537	9.8	500	409	7.3	23.9	--	7.2	88
27	1538	15	500	410	7.3	23.9	--	7.2	88
27	1538	20	500	408	7.3	23.9	--	7.2	88
27	1539	25	500	409	7.3	23.9	--	7.2	88
27	1539	30	500	407	7.4	23.9	--	7.2	88
27	1540	35	500	411	7.1	23.9	--	7.2	87
27	1540	40	500	411	7.2	23.9	--	7.2	88
27	1541	44	500	412	7.4	23.9	--	7.2	88
October									
04	1149	.4	1,900	440	7.4	19.9	--	9.2	102
04	1149	3.2	1,900	442	7.4	19.9	--	9.1	101
04	1150	5.1	1,900	443	7.4	19.9	--	9.1	101
04	1150	10	1,900	443	7.4	19.8	--	9.0	100
04	1151	15	1,900	441	7.4	19.8	--	9.0	100
04	1151	20	1,900	444	7.4	19.8	--	9.0	100
04	1152	25	1,900	441	7.4	19.8	--	9.0	100
04	1152	29	1,900	441	7.3	19.8	--	8.9	98
04	1155	.5	1,400	437	7.4	19.8	--	9.0	100
04	1155	3.2	1,400	439	7.4	19.9	--	9.0	100
04	1156	5.3	1,400	439	7.4	19.9	5.0	8.9	99
04	1156	10	1,400	441	7.4	19.8	--	0.1	99
04	1157	15	1,400	443	7.4	19.8	--	9.0	100
04	1157	20	1,400	444	7.4	19.8	--	0.1	99
04	1158	21	1,400	445	7.4	19.8	--	8.9	99
04	1200	.5	900	435	7.4	19.8	--	9.1	101
04	1200	3.3	900	434	7.4	19.8	--	9.1	100
04	1201	5.2	900	435	7.4	19.8	--	9.1	101
04	1201	10	900	436	7.4	19.8	--	9.0	100
04	1202	15	900	435	7.4	19.8	--	9.0	100
04	1202	20	900	436	7.4	19.8	--	9.0	100
04	1203	25	900	437	7.4	19.8	--	9.0	100
04	1203	29	900	436	7.4	19.8	--	9.0	100

Table 21. *Water-quality data for station 400913080421201, Ohio River at river mile 84.0, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
October									
04	1205	0.6	500	435	7.4	19.8	--	9.1	101
04	1205	3.4	500	436	7.4	19.8	--	9.1	101
04	1206	5.1	500	437	7.4	19.8	--	9.1	101
04	1206	10	500	440	7.4	19.8	--	9.1	101
04	1207	15	500	439	7.4	19.8	--	9.2	102
04	1207	20	500	433	7.4	19.8	--	9.2	102
04	1208	25	500	434	7.3	19.7	--	9.1	101
04	1208	30	500	441	7.4	19.8	--	9.2	101
04	1209	35	500	440	7.3	19.7	--	9.1	100
04	1209	40	500	436	7.4	19.7	--	9.0	100
04	1210	45	500	434	7.4	19.7	--	9.1	101
18	1707	.3	500	367	8.4	19.4	--	10.0	120
18	1707	3.0	500	366	8.2	19.1	--	10.0	118
18	1708	4.9	500	367	8.1	19.0	--	10.0	112
18	1708	9.9	500	368	0.1	18.9	--	10.0	109
18	1709	15	500	368	7.9	18.7	--	9.9	107
18	1709	20	500	362	7.8	18.6	--	9.6	104
18	1710	25	500	363	7.8	18.6	--	9.6	104
18	1710	30	500	363	7.8	18.6	--	9.6	104
18	1711	35	500	365	7.8	18.6	--	9.6	104
18	1711	40	500	366	7.7	18.6	--	9.5	103
18	1712	44	500	365	7.8	18.6	--	9.5	103
18	1714	.2	900	362	8.4	19.3	--	10.0	119
18	1714	3.0	900	362	8.4	19.3	--	10.0	120
18	1715	4.9	900	363	8.3	19.2	--	10.0	119
18	1715	9.9	900	365	8.2	19.1	--	10.0	117
18	1716	15	900	363	7.8	18.6	--	9.7	105
18	1716	20	900	364	7.8	18.6	--	9.5	103
18	1717	25	900	365	7.7	18.6	--	9.5	103
18	1717	29	900	364	7.7	18.6	--	9.5	103
18	1719	.2	1,400	365	8.2	19.1	--	10.0	113
18	1719	3.0	1,400	365	8.2	19.1	--	10.0	115
18	1720	5.0	1,400	365	8.2	19.1	--	10.0	116
18	1720	10	1,400	365	8.1	19.0	--	10.0	116
18	1721	15	1,400	363	7.9	18.6	--	10.0	111
18	1721	20	1,400	363	7.8	18.6	--	9.6	104
18	1722	22	1,400	363	7.7	18.6	--	9.5	103

Table 21. *Water-quality data for station 400913080421201, Ohio River at river mile 84.0, June to October 1994, Continued.*

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; mg/L = milligrams per liter; -- = data not collected]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conductance (µS/cm)	pH (standard units)	Temperature, water (°C)	Transparency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent saturation)
October									
18	1724	0.2	1,900	363	8.0	18.9	--	10.0	108
18	1724	3.0	1,900	363	8.0	18.9	--	10.0	110
18	1725	5.0	1,900	363	8.0	18.9	--	10.0	110
18	1725	9.8	1,900	362	7.9	18.7	--	10.0	108
18	1726	15	1,900	364	7.8	18.6	--	9.5	103
18	1726	20	1,900	364	7.7	18.6	--	9.5	103
18	1727	25	1,900	364	7.7	18.6	--	9.5	103
18	1727	30	1,900	365	7.7	18.6	--	9.5	102

Table 22. *Daily maximum, minimum, and mean specific conductance at station 403155080373501, from the New Cumberland Dam (upstream) continuous-recording water-quality monitor, June to October 1994*

[---, value not determined]

Day	Specific conductance, in microsiemens per centimeter at 25 degrees Celsius								
	May			June			July		
	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean
1	---	---	---	---	---	---	334	330	332
2	---	---	---	---	---	---	349	329	339
3	---	---	---	---	---	---	358	348	352
4	---	---	---	---	---	---	400	358	374
5	---	---	---	---	---	---	400	374	388
6	---	---	---	---	---	---	380	370	375
7	---	---	---	---	---	---	382	368	378
8	---	---	---	---	---	---	371	337	354
9	---	---	---	---	---	---	337	324	326
10	---	---	---	---	---	---	358	324	337
11	---	---	---	---	---	---	389	358	375
12	---	---	---	---	---	---	390	356	376
13	---	---	---	---	---	---	356	340	344
14	---	---	---	---	---	---	355	347	351
15	---	---	---	360	340	351	355	352	353
16	---	---	---	358	315	338	355	350	353
17	---	---	---	315	280	290	350	345	347
18	---	---	---	280	244	263	369	347	360
19	---	---	---	244	195	215	382	369	376
20	---	---	---	200	195	197	391	382	388
21	---	---	---	210	198	202	399	391	394
22	---	---	---	210	208	209	414	399	405
23	---	---	---	219	208	211	430	414	425
24	---	---	---	236	218	227	427	416	421
25	---	---	---	243	236	240	432	416	423
26	---	---	---	277	237	245	442	432	436
27	---	---	---	288	277	281	447	438	444
28	---	---	---	326	288	306	449	434	438
29	---	---	---	361	326	350	505	449	474
30	---	---	---	349	334	342	536	505	517
31	---	---	---	---	---	---	550	522	537
Month	---	---	---	---	---	---	550	324	390

Table 22. *Daily maximum, minimum, and mean specific conductance at station 403155080373501, from the New Cumberland Dam (upstream) continuous-recording water-quality monitor, June to October 1994, Continued.*

[---, value not determined]

Day	Specific conductance, in microsiemens per centimeter at 25 degrees Celsius								
	August			September			October		
	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean
1	522	501	509	---	---	---	451	428	444
2	521	515	518	---	---	---	444	405	426
3	518	503	513	---	---	---	405	380	392
4	503	467	482	---	---	---	381	366	375
5	468	461	465	---	---	---	368	363	365
6	466	461	464	---	---	---	363	346	356
7	461	422	446	---	---	---	347	325	335
8	422	384	397	275	272	273	325	321	323
9	385	374	379	292	274	282	322	315	318
10	379	373	376	309	292	302	320	315	317
11	385	379	382	307	304	305	324	316	319
12	396	385	389	306	302	305	336	324	329
13	403	395	400	308	302	304	343	336	340
14	403	358	386	321	307	314	343	334	338
15	404	349	371	324	318	321	335	330	332
16	412	310	364	337	324	329	340	329	335
17	310	239	286	341	337	339	340	334	337
18	239	193	223	351	338	343	338	330	334
19	300	187	240	356	350	353	340	333	337
20	302	236	270	354	347	350	348	340	345
21	236	221	226	358	347	352	350	342	346
22	272	222	248	368	358	362	353	350	351
23	272	249	260	---	---	---	358	350	355
24	---	---	---	---	---	---	357	354	356
25	253	243	245	---	---	---	365	355	359
26	246	241	244	---	---	---	372	364	367
27	---	---	---	---	---	---	378	372	375
28	---	---	---	---	---	---	381	374	377
29	---	---	---	431	407	423	386	381	384
30	---	---	---	430	416	422	384	373	379
31	---	---	---	---	---	---	386	376	381
Month	---	---	---	---	---	---	451	315	356

Table 23. *Daily maximum, minimum, and median pH at station 403155080373501, from the New Cumberland Dam (upstream) continuous-recording water-quality monitor, June to October 1994*

[---, value not determined]

Day	pH, in standard units								
	May			June			July		
	Maximum	Minimum	Median	Maximum	Minimum	Median	Maximum	Minimum	Median
1	---	---	---	---	---	---	7.4	7.3	7.3
2	---	---	---	---	---	---	7.4	7.3	7.4
3	---	---	---	---	---	---	7.4	7.2	7.3
4	---	---	---	---	---	---	7.5	7.2	7.3
5	---	---	---	---	---	---	7.4	7.2	7.3
6	---	---	---	---	---	---	7.6	7.2	7.3
7	---	---	---	---	---	---	7.5	7.3	7.4
8	---	---	---	---	---	---	7.8	7.4	7.5
9	---	---	---	---	---	---	7.6	7.4	7.6
10	---	---	---	---	---	---	7.9	7.5	7.6
11	---	---	---	---	---	---	7.8	7.6	7.7
12	---	---	---	---	---	---	7.8	7.6	7.6
13	---	---	---	---	---	---	7.7	7.5	7.6
14	---	---	---	---	---	---	7.6	7.5	7.5
15	---	---	---	8.0	7.6	7.7	7.5	7.4	7.4
16	---	---	---	7.6	7.4	7.4	7.5	7.4	7.4
17	---	---	---	7.5	7.3	7.4	7.6	7.4	7.5
18	---	---	---	7.3	7.1	7.2	7.6	7.5	7.5
19	---	---	---	7.1	7.0	7.1	7.7	7.4	7.5
20	---	---	---	7.0	6.9	7.0	7.7	7.5	7.6
21	---	---	---	7.1	7.0	7.1	7.7	7.6	7.6
22	---	---	---	7.2	7.1	7.1	7.7	7.5	7.6
23	---	---	---	8.0	7.2	7.2	7.6	7.5	7.5
24	---	---	---	7.4	7.2	7.3	7.6	7.5	7.6
25	---	---	---	7.2	7.1	7.2	7.6	7.5	7.5
26	---	---	---	7.4	7.2	7.2	7.5	7.4	7.4
27	---	---	---	7.3	7.1	7.2	7.5	7.4	7.4
28	---	---	---	7.4	7.1	7.3	7.8	7.4	7.5
29	---	---	---	7.4	7.2	7.3	7.7	7.5	7.6
30	---	---	---	7.3	7.3	7.3	7.6	7.4	7.5
31	---	---	---	---	---	---	7.7	7.5	7.6
Month	---	---	---	---	---	---	7.9	7.2	---

Table 23. *Daily maximum, minimum, and median pH at station 403155080373501, from the New Cumberland Dam (upstream) continuous-recording water-quality monitor, June to October 1994, Continued.*

[---, value not determined]

Day	pH, in standard units								
	August			September			October		
	Maximum	Minimum	Median	Maximum	Minimum	Median	Maximum	Minimum	Median
1	7.8	7.5	7.7	---	---	---	7.4	7.4	7.4
2	7.8	7.6	7.7	---	---	---	7.4	7.4	7.4
3	8.0	7.5	7.7	---	---	---	7.5	7.4	7.4
4	7.7	7.5	7.5	---	---	---	7.5	7.4	7.5
5	7.6	7.5	7.5	---	---	---	7.5	7.5	7.5
6	7.7	7.5	7.6	---	---	---	7.5	7.4	7.5
7	7.6	7.4	7.5	---	---	---	7.5	7.4	7.4
8	7.8	7.4	7.4	7.5	7.3	7.4	7.5	7.4	7.5
9	7.4	7.2	7.3	7.4	7.3	7.4	7.6	7.5	7.5
10	7.5	7.2	7.3	7.6	7.4	7.4	7.7	7.5	7.7
11	7.4	7.2	7.3	7.5	7.4	7.5	7.8	7.6	7.7
12	7.4	7.4	7.4	7.5	7.3	7.4	7.7	7.6	7.7
13	7.4	7.4	7.4	7.6	7.4	7.5	7.6	7.6	7.6
14	7.5	7.4	7.4	7.7	7.4	7.5	7.6	7.6	7.6
15	7.5	7.2	7.4	7.5	7.4	7.5	7.7	7.6	7.6
16	7.4	7.2	7.3	7.5	7.4	7.5	8.0	7.6	7.7
17	7.4	7.3	7.4	7.4	7.4	7.4	7.7	7.6	7.6
18	7.3	7.0	7.0	7.5	7.4	7.5	7.7	7.6	7.6
19	7.2	7.0	7.1	7.6	7.4	7.5	7.7	7.6	7.6
20	7.3	7.2	7.2	7.5	7.4	7.4	7.8	7.6	7.6
21	7.4	7.2	7.3	7.4	7.3	7.4	7.9	7.6	7.7
22	7.4	7.3	7.4	7.3	7.3	7.3	7.6	7.5	7.6
23	7.4	7.4	7.4	---	---	---	7.6	7.5	7.6
24	7.5	7.4	7.4	---	---	---	7.6	7.5	7.6
25	7.5	7.5	7.5	---	---	---	7.7	7.5	7.6
26	7.6	7.5	7.6	---	---	---	7.6	7.5	7.6
27	---	---	---	---	---	---	7.7	7.5	7.6
28	---	---	---	---	---	---	7.6	7.5	7.6
29	---	---	---	7.5	7.4	7.4	7.6	7.5	7.6
30	---	---	---	7.4	7.4	7.4	7.7	7.5	7.6
31	---	---	---	---	---	---	7.7	7.5	7.6
Month	---	---	---	---	---	---	8.0	7.4	---

Table 24. *Daily maximum, minimum, and mean water temperature at station 403155080373501, from the New Cumberland Dam (upstream) continuous-recording water-quality monitor, June to October 1994*

[---, value not determined]

Day	Water temperature, in degrees Celsius								
	May			June			July		
	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean
1	---	---	---	---	---	---	24.0	23.5	23.7
2	---	---	---	---	---	---	24.4	23.8	24.2
3	---	---	---	---	---	---	24.8	24.2	24.3
4	---	---	---	---	---	---	26.0	24.1	24.7
5	---	---	---	---	---	---	27.5	24.5	25.9
6	---	---	---	---	---	---	28.6	24.8	26.5
7	---	---	---	---	---	---	28.4	25.7	26.8
8	---	---	---	---	---	---	29.0	26.2	27.8
9	---	---	---	---	---	---	29.5	28.3	28.9
10	---	---	---	---	---	---	29.9	26.8	28.4
11	---	---	---	---	---	---	30.0	27.7	28.9
12	---	---	---	---	---	---	30.2	28.6	29.4
13	---	---	---	---	---	---	30.7	27.9	29.3
14	---	---	---	---	---	---	30.7	28.3	29.9
15	---	---	---	24.5	23.7	24.0	29.7	28.1	28.9
16	---	---	---	25.1	24.3	24.7	30.2	28.7	29.4
17	---	---	---	25.3	24.9	25.1	29.7	26.8	28.6
18	---	---	---	25.1	24.2	24.8	31.3	29.1	30.0
19	---	---	---	24.2	23.3	23.8	31.7	30.0	30.7
20	---	---	---	24.3	23.4	23.9	32.1	30.3	31.2
21	---	---	---	25.3	24.1	24.5	32.3	31.7	32.1
22	---	---	---	25.8	24.4	24.8	32.2	31.4	31.8
23	---	---	---	26.6	24.6	25.3	32.2	29.6	31.3
24	---	---	---	26.8	26.0	26.3	32.5	31.1	31.9
25	---	---	---	27.3	24.8	26.1	32.2	30.4	31.2
26	---	---	---	26.7	24.9	25.7	32.9	31.4	32.1
27	---	---	---	25.5	24.0	24.6	31.4	29.7	30.3
28	---	---	---	25.3	23.8	24.3	30.8	29.2	29.9
29	---	---	---	24.4	24.1	24.3	29.7	27.1	28.2
30	---	---	---	25.0	23.7	24.0	28.6	26.8	27.5
31	---	---	---	---	---	---	30.3	26.6	28.3
Month	---	---	---	---	---	---	32.9	23.5	28.8

Table 24. *Daily maximum, minimum, and mean water temperature at station 403155080373501, from the New Cumberland Dam (upstream) continuous-recording water-quality monitor, June to October 1994, Continued.*

[---, value not determined]

Day	Water temperature, in degrees Celsius								
	August			September			October		
	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean
1	30.7	27.3	29.0	22.9	22.6	22.7	19.9	19.5	19.7
2	30.8	29.5	30.1	22.7	22.3	22.5	19.9	19.3	19.6
3	---	---	---	22.3	21.9	22.0	19.3	18.7	19.0
4	30.7	28.8	29.7	23.2	21.7	22.1	18.7	18.2	18.3
5	30.7	25.9	27.6	23.4	21.5	22.1	---	---	---
6	27.4	25.5	26.1	24.4	22.3	23.5	18.7	17.4	18.0
7	25.5	25.1	25.4	23.5	21.0	21.9	18.6	17.6	18.1
8	28.4	25.0	26.4	24.0	21.8	23.0	19.0	17.2	18.1
9	28.4	24.8	25.8	24.5	22.7	23.6	18.9	16.4	17.7
10	29.2	25.3	27.0	24.4	21.8	23.1	18.6	16.2	17.0
11	28.9	28.0	28.4	24.2	22.0	23.4	18.6	15.9	17.4
12	29.0	27.8	28.5	25.1	23.3	24.1	19.2	17.1	18.4
13	29.2	28.4	28.9	24.5	22.9	23.6	19.6	18.5	19.0
14	28.9	24.1	26.5	25.6	23.5	24.4	19.1	18.1	18.5
15	24.1	23.2	23.6	25.6	24.9	25.2	18.9	17.4	17.9
16	23.7	23.2	23.4	25.2	24.3	24.6	17.8	16.0	16.7
17	23.2	21.6	22.7	25.6	23.7	25.0	18.3	16.5	17.7
18	21.6	20.7	21.1	23.8	21.6	22.1	18.2	16.3	17.2
19	22.1	20.5	21.5	26.0	22.4	24.3	17.8	16.3	17.2
20	21.9	21.5	21.8	25.4	23.1	24.6	18.8	17.3	17.9
21	21.9	21.7	21.8	25.5	23.5	24.7	17.9	15.7	16.9
22	22.0	21.7	21.8	25.8	24.7	25.3	17.6	16.3	17.2
23	21.8	21.3	21.6	---	---	---	17.1	15.3	15.9
24	22.0	21.7	21.9	---	---	---	17.2	16.2	16.9
25	22.1	21.7	21.9	---	---	---	16.8	15.4	16.0
26	22.2	22.0	22.1	---	---	---	16.2	15.0	15.6
27	22.7	22.1	22.4	---	---	---	15.9	14.6	15.1
28	22.8	22.4	22.6	---	---	---	15.1	14.1	14.7
29	23.1	22.7	22.9	---	---	---	14.9	14.2	14.6
30	23.2	22.8	23.0	21.1	19.7	20.2	14.8	13.7	14.4
31	23.2	22.9	23.0	---	---	---	16.1	14.0	15.1
Month	---	---	---	---	---	---	---	---	---

Table 25. *Daily maximum, minimum, and mean dissolved oxygen concentrations at station 403155080373501, from the New Cumberland Dam (upstream) continuous-recording water-quality monitor, June to October 1994*

[---, value not determined]

Day	Dissolved oxygen concentration, in milligrams per liter								
	May			June			July		
	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean
1	---	---	---	---	---	---	9.4	8.9	9.1
2	---	---	---	---	---	---	9.3	9.1	9.2
3	---	---	---	---	---	---	9.3	8.8	8.9
4	---	---	---	---	---	---	9.5	8.8	9.0
5	---	---	---	---	---	---	9.4	8.8	9.0
6	---	---	---	---	---	---	9.8	8.7	9.2
7	---	---	---	---	---	---	9.3	8.6	9.0
8	---	---	---	---	---	---	9.9	9.0	9.4
9	---	---	---	---	---	---	9.3	8.7	9.1
10	---	---	---	---	---	---	9.2	8.6	8.9
11	---	---	---	---	---	---	9.0	8.6	8.8
12	---	---	---	---	---	---	8.9	8.4	8.6
13	---	---	---	---	---	---	8.7	8.3	8.5
14	---	---	---	---	---	---	8.6	8.1	8.3
15	---	---	---	9.7	9.2	9.4	8.1	7.7	7.9
16	---	---	---	9.2	8.9	9.1	8.0	7.5	7.7
17	---	---	---	9.3	9.0	9.2	8.2	7.6	7.8
18	---	---	---	10.5	9.1	9.7	8.3	7.8	8.0
19	---	---	---	9.7	9.2	9.4	8.7	7.6	8.0
20	---	---	---	9.2	8.9	9.0	8.5	7.9	8.1
21	---	---	---	8.9	8.6	8.8	8.6	8.2	8.3
22	---	---	---	9.1	8.4	8.8	8.5	7.7	8.1
23	---	---	---	10.3	8.8	9.2	7.8	7.5	7.6
24	---	---	---	10.2	9.0	9.3	7.7	7.5	7.6
25	---	---	---	10.0	8.8	9.1	7.7	7.0	7.3
26	---	---	---	8.8	8.4	8.6	7.4	6.9	7.1
27	---	---	---	8.7	8.2	8.4	7.5	7.2	7.3
28	---	---	---	9.1	8.4	8.7	8.5	7.2	7.7
29	---	---	---	9.3	8.8	9.0	8.5	7.6	7.9
30	---	---	---	9.1	8.8	8.9	8.9	7.9	8.4
31	---	---	---	---	---	---	9.4	8.6	8.9
Month	---	---	---	---	---	---	9.9	6.9	8.3

Table 25. *Daily maximum, minimum, and mean dissolved oxygen concentrations at station 403155080373501, from the New Cumberland Dam (upstream) continuous-recording water-quality monitor, June to October 1994, Continued.*

[---, value not determined]

Day	Dissolved oxygen concentration, in milligrams per liter								
	August			September			October		
	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean
1	9.7	8.8	9.3	9.1	8.9	9.0	8.9	8.6	8.8
2	9.6	9.0	9.3	9.4	9.1	9.3	9.3	8.9	9.1
3	10.0	8.8	9.3	9.6	9.3	9.5	9.7	9.3	9.5
4	9.1	8.5	8.6	9.7	9.3	9.5	---	---	---
5	8.6	8.4	8.4	10.3	9.3	9.7	---	---	---
6	9.0	8.5	8.7	9.7	9.3	9.5	---	---	---
7	9.3	8.5	8.9	---	---	---	---	---	---
8	10.0	8.9	9.3	---	---	---	---	---	---
9	9.2	8.8	9.0	---	---	---	---	---	---
10	9.4	8.5	8.9	---	---	---	---	---	---
11	9.3	8.7	8.8	---	---	---	---	---	---
12	8.8	8.6	8.7	---	---	---	---	---	---
13	8.7	8.4	8.5	---	---	---	---	---	---
14	8.4	8.2	8.3	---	---	---	---	---	---
15	8.4	7.8	8.2	---	---	---	---	---	---
16	8.6	7.8	8.2	---	---	---	---	---	---
17	9.1	8.6	8.9	9.0	8.6	8.9	---	---	---
18	9.2	9.1	9.2	9.0	8.6	8.8	---	---	---
19	9.2	8.5	8.7	8.9	8.5	8.7	11.0	10.5	10.7
20	8.9	8.5	8.7	8.6	8.2	8.4	11.0	10.5	10.7
21	9.0	8.9	8.9	8.7	8.2	8.4	11.3	10.4	10.8
22	8.9	8.7	8.8	8.5	8.2	8.3	10.6	10.2	10.4
23	9.1	8.7	8.9	---	---	---	10.4	10.0	10.2
24	---	---	---	---	---	---	10.2	10.0	10.1
25	9.4	9.2	9.3	---	---	---	10.5	10.0	10.2
26	9.6	9.4	9.5	---	---	---	10.2	9.9	10.0
27	9.6	9.4	9.5	---	---	---	10.6	9.8	10.1
28	9.7	9.3	9.4	---	---	---	10.4	9.9	10.1
29	9.4	9.0	9.2	8.3	7.9	8.1	10.5	10.1	10.3
30	9.4	9.1	9.2	8.6	8.2	8.4	11.1	10.3	10.7
31	9.3	9.0	9.2	---	---	---	11.0	10.6	10.8
Month	---	---	---	---	---	---	---	---	---

Table 26. *Daily maximum, minimum, and mean specific conductance at station 403133080372801, from the New Cumberland Dam (downstream) continuous-recording water-quality monitor, June to October 1994*

[---, value not determined]

Day	Specific conductance, in microsiemens per centimeter at 25 degrees Celsius								
	May			June			July		
	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean
1	---	---	---	332	329	330	326	322	324
2	---	---	---	331	327	329	339	321	329
3	---	---	---	333	328	332	347	339	342
4	---	---	---	333	329	331	380	346	358
5	---	---	---	340	330	336	388	362	376
6	---	---	---	348	340	344	367	359	363
7	---	---	---	348	346	347	369	360	367
8	---	---	---	353	347	351	360	326	344
9	---	---	---	352	341	347	326	313	316
10	---	---	---	341	333	337	344	314	325
11	---	---	---	335	328	331	376	344	362
12	---	---	---	331	328	330	380	366	373
13	---	---	---	336	328	330	366	349	353
14	---	---	---	350	336	343	364	355	361
15	---	---	---	357	336	347	364	359	361
16	---	---	---	359	331	344	364	356	361
17	---	---	---	331	285	299	356	348	353
18	---	---	---	285	253	269	375	351	363
19	---	---	---	253	198	224	391	375	383
20	---	---	---	204	198	201	402	391	397
21	---	---	---	213	199	206	407	400	405
22	---	---	---	220	213	217	426	407	414
23	---	---	---	222	214	216	439	425	435
24	---	---	---	243	222	234	436	424	430
25	---	---	---	250	243	248	440	423	431
26	---	---	---	283	246	253	446	424	434
27	---	---	---	295	283	289	436	427	433
28	---	---	---	310	295	302	436	424	428
29	---	---	---	351	310	337	485	436	458
30	---	---	---	343	326	336	518	485	499
31	---	---	---	---	---	---	530	504	520
Month	---	---	---	359	198	301	530	313	387

Table 26. *Daily maximum, minimum, and mean specific conductance at station 403133080372801, from the New Cumberland Dam (downstream) continuous-recording water-quality monitor, June to October 1994, Continued.*

[---, value not determined]

Day	Specific conductance, in microsiemens per centimeter at 25 degrees Celsius								
	August			September			October		
	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean
1	504	487	493	276	265	271	443	416	433
2	503	498	501	266	251	256	442	405	425
3	501	487	498	260	252	256	405	378	391
4	487	452	468	270	253	260	378	362	372
5	455	449	452	281	270	277	363	359	361
6	454	450	453	286	281	284	359	343	353
7	451	419	440	286	273	279	343	322	332
8	419	377	395	273	270	271	322	319	320
9	380	375	378	290	272	280	319	315	316
10	378	373	375	306	290	301	318	315	316
11	384	378	381	305	301	303	323	316	319
12	395	384	388	304	301	302	335	323	329
13	402	395	399	305	300	301	342	334	339
14	403	357	387	316	305	311	341	336	338
15	397	348	367	321	315	318	336	333	334
16	406	318	369	333	320	326	342	333	337
17	318	260	293	338	333	336	343	341	342
18	260	203	230	348	336	341	341	337	339
19	285	189	230	352	348	350	---	---	---
20	294	237	272	351	343	346	354	348	352
21	237	221	227	354	342	348	356	351	353
22	268	224	243	365	354	359	359	356	358
23	268	252	262	378	365	373	364	358	361
24	273	251	265	381	377	378	364	360	362
25	259	241	247	379	373	377	---	---	---
26	246	242	244	378	372	375	377	371	373
27	244	239	241	389	370	380	383	377	381
28	252	241	247	399	389	392	387	381	383
29	262	252	257	424	399	414	390	387	389
30	262	254	257	423	410	415	---	---	---
31	274	262	271	---	---	---	391	381	386
Month	504	189	340	424	251	326	---	---	---

Table 27. *Daily maximum, minimum, and median pH at station 403133080372801, from the New Cumberland Dam (downstream) continuous-recording water-quality monitor, June to October 1994*

[---, value not determined]

Day	pH, in standard units								
	May			June			July		
	Maximum	Minimum	Median	Maximum	Minimum	Median	Maximum	Minimum	Median
1	---	---	---	7.6	7.4	7.5	7.2	7.1	7.1
2	---	---	---	7.6	7.4	7.5	7.3	7.2	7.2
3	---	---	---	7.7	7.4	7.5	7.2	7.1	7.2
4	---	---	---	7.6	7.4	7.5	7.2	7.1	7.1
5	---	---	---	7.5	7.4	7.4	7.2	7.1	7.1
6	---	---	---	7.5	7.4	7.4	7.2	7.1	7.2
7	---	---	---	7.4	7.3	7.3	7.3	7.1	7.2
8	---	---	---	7.4	7.2	7.2	7.4	7.3	7.3
9	---	---	---	7.2	7.1	7.2	7.5	7.4	7.4
10	---	---	---	7.2	7.1	7.1	7.6	7.4	7.5
11	---	---	---	7.2	7.1	7.2	7.6	7.6	7.6
12	---	---	---	7.2	7.2	7.2	7.7	7.5	7.6
13	---	---	---	7.4	7.2	7.3	7.6	7.6	7.6
14	---	---	---	8.1	7.4	7.8	7.6	7.5	7.5
15	---	---	---	8.0	7.8	7.8	7.5	7.4	7.5
16	---	---	---	7.8	7.4	7.5	7.5	7.4	7.5
17	---	---	---	7.5	7.4	7.4	7.5	7.4	7.5
18	---	---	---	7.4	7.2	7.3	7.6	7.5	7.5
19	---	---	---	7.2	7.0	7.1	7.6	7.5	7.5
20	---	---	---	7.0	7.0	7.0	7.6	7.5	7.6
21	---	---	---	7.1	7.0	7.1	7.7	7.6	7.6
22	---	---	---	7.2	7.1	7.1	7.7	7.5	7.6
23	---	---	---	7.2	7.1	7.2	7.6	7.5	7.6
24	---	---	---	7.2	7.1	7.2	7.6	7.6	7.6
25	---	---	---	7.2	7.2	7.2	7.6	7.5	7.6
26	---	---	---	7.3	7.2	7.2	7.5	7.4	7.5
27	---	---	---	7.2	7.2	7.2	7.5	7.4	7.5
28	---	---	---	7.2	7.0	7.1	7.6	7.4	7.5
29	---	---	---	7.1	7.0	7.1	7.6	7.5	7.5
30	---	---	---	7.1	7.0	7.1	7.5	7.4	7.5
31	---	---	---	---	---	---	7.6	7.5	7.5
Month	---	---	---	8.1	7.0	---	7.7	7.1	---

Table 27. *Daily maximum, minimum, and median pH at station 403133080372801, from the New Cumberland Dam (downstream) continuous-recording water-quality monitor, June to October 1994, Continued.*

[---, value not determined]

Day	pH, in standard units								
	August			September			October		
	Maximum	Minimum	Median	Maximum	Minimum	Median	Maximum	Minimum	Median
1	7.7	7.5	7.6	7.5	7.4	7.4	7.4	7.3	7.3
2	7.7	7.6	7.6	7.6	7.4	7.5	7.3	7.3	7.3
3	7.7	7.5	7.6	7.5	7.4	7.5	7.4	7.3	7.4
4	7.6	7.5	7.5	7.6	7.4	7.5	7.5	7.4	7.4
5	7.6	7.5	7.5	7.5	7.4	7.5	7.4	7.4	7.4
6	7.7	7.4	7.5	7.5	7.4	7.4	7.4	7.4	7.4
7	7.6	7.4	7.5	7.5	7.4	7.4	7.4	7.4	7.4
8	7.5	7.4	7.4	7.5	7.4	7.5	7.4	7.4	7.4
9	7.5	7.3	7.4	7.5	7.4	7.5	7.5	7.4	7.5
10	7.5	7.3	7.4	7.6	7.5	7.5	7.6	7.5	7.5
11	7.5	7.4	7.4	7.6	7.5	7.6	7.6	7.6	7.6
12	7.5	7.4	7.5	7.6	7.5	7.6	7.6	7.5	7.6
13	7.5	7.5	7.5	7.7	7.6	7.6	7.5	7.5	7.5
14	7.5	7.5	7.5	7.6	7.6	7.6	7.5	7.5	7.5
15	7.5	7.3	7.5	7.6	7.6	7.6	7.5	7.5	7.5
16	7.4	7.3	7.3	7.6	7.5	7.6	7.6	7.5	7.5
17	7.4	7.4	7.4	7.6	7.5	7.5	7.5	7.5	7.5
18	7.4	7.1	7.1	7.6	7.5	7.6	7.6	7.5	7.5
19	7.2	7.0	7.1	7.6	7.6	7.6	7.5	7.5	7.5
20	7.3	7.2	7.3	7.6	7.5	7.5	7.6	7.5	7.6
21	7.3	7.3	7.3	7.5	7.5	7.5	7.6	7.5	7.6
22	7.3	7.3	7.3	7.5	7.4	7.5	7.5	7.5	7.5
23	7.5	7.3	7.4	7.5	7.5	7.5	7.6	7.5	7.5
24	7.6	7.5	7.5	7.5	7.4	7.5	7.6	7.5	7.5
25	7.5	7.5	7.5	7.5	7.4	7.4	---	---	---
26	7.5	7.4	7.4	7.5	7.4	7.5	7.5	7.5	7.5
27	7.5	7.4	7.4	7.5	7.3	7.3	7.6	7.4	7.5
28	7.5	7.4	7.5	7.4	7.3	7.3	7.6	7.5	7.5
29	7.6	7.5	7.5	7.4	7.3	7.4	7.5	7.5	7.5
30	7.6	7.4	7.5	7.4	7.3	7.4	7.6	7.4	7.5
31	7.4	7.4	7.4	---	---	---	7.6	7.4	7.5
Month	7.7	7.0	---	7.7	7.3	---	---	---	---

Table 28. *Daily maximum, minimum, and mean water temperature at station 403133080372801, from the New Cumberland Dam (downstream) continuous-recording water-quality monitor, June to October 1994*

[---, value not determined]

Day	Water temperature, in degrees Celsius								
	May			June			July		
	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean
1	---	---	---	21.5	20.4	21.1	25.6	24.8	25.2
2	---	---	---	21.8	20.8	21.4	26.1	25.1	25.6
3	---	---	---	22.2	21.3	21.8	25.7	25.1	25.3
4	---	---	---	22.1	21.1	21.6	26.4	25.0	25.6
5	---	---	---	22.7	21.3	21.9	26.9	25.7	26.3
6	---	---	---	23.4	22.3	22.8	27.5	26.0	26.8
7	---	---	---	23.9	23.2	23.5	27.6	26.9	27.2
8	---	---	---	23.8	23.3	23.5	28.0	27.1	27.5
9	---	---	---	24.0	22.9	23.4	28.3	27.7	28.0
10	---	---	---	24.2	23.7	24.0	28.2	27.0	27.7
11	---	---	---	24.6	23.7	24.2	28.4	27.4	27.9
12	---	---	---	25.2	24.3	24.7	28.8	27.7	28.4
13	---	---	---	25.3	24.6	25.0	29.0	27.7	28.4
14	---	---	---	25.9	24.8	25.2	29.2	28.4	28.8
15	---	---	---	26.3	25.1	25.7	28.5	28.1	28.4
16	---	---	---	27.3	25.9	26.6	28.8	27.9	28.4
17	---	---	---	27.5	26.5	27.0	28.4	27.5	28.0
18	---	---	---	27.2	26.3	26.8	29.2	28.2	28.6
19	---	---	---	26.3	25.0	25.7	29.9	28.8	29.4
20	---	---	---	26.5	25.2	25.8	30.2	29.5	29.8
21	---	---	---	26.8	25.6	26.3	30.8	30.0	30.4
22	---	---	---	27.0	25.9	26.5	30.5	30.0	30.3
23	---	---	---	27.1	26.2	26.5	30.5	29.7	30.1
24	---	---	---	26.9	26.4	26.6	30.7	30.1	30.3
25	---	---	---	26.5	26.0	26.2	30.7	29.7	29.9
26	---	---	---	26.1	25.1	25.7	31.1	29.7	30.2
27	---	---	---	25.9	25.3	25.6	30.0	28.7	29.3
28	---	---	---	25.9	24.8	25.4	29.4	28.8	29.1
29	---	---	---	26.2	25.5	25.8	29.2	28.4	28.7
30	---	---	---	25.9	25.1	25.2	28.5	27.9	28.3
31	---	---	---	---	---	---	29.0	27.5	28.1
Month	---	---	---	27.5	20.4	24.7	31.1	24.8	28.3

Table 28. *Daily maximum, minimum, and mean water temperature at station 403133080372801, from the New Cumberland Dam (downstream) continuous-recording water-quality monitor, June to October 1994, Continued.*

[---, value not determined]

Day	Water temperature, in degrees Celsius								
	August			September			October		
	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean
1	29.0	27.8	28.4	24.7	24.0	24.4	21.3	20.4	20.9
2	29.0	28.4	28.7	24.4	23.3	24.0	21.1	20.7	20.9
3	28.8	27.8	28.2	23.6	22.8	23.1	20.9	20.0	20.5
4	28.8	28.1	28.5	23.0	22.4	22.7	20.3	19.6	19.9
5	29.2	26.9	28.0	23.1	22.2	22.6	19.8	19.2	19.5
6	27.3	26.6	27.0	23.3	22.5	23.0	19.4	18.2	19.0
7	27.2	26.4	26.6	23.2	22.0	22.6	18.9	18.1	18.6
8	27.0	26.2	26.6	23.0	22.2	22.6	18.6	17.6	18.0
9	27.2	26.3	26.6	23.2	22.0	22.7	18.0	17.4	17.7
10	27.3	25.7	26.5	23.2	22.0	22.5	18.0	17.3	17.7
11	27.3	26.9	27.1	22.6	22.0	22.4	18.0	17.0	17.6
12	27.6	26.6	27.1	23.4	22.3	22.9	18.3	17.3	17.9
13	27.5	27.2	27.4	23.3	22.5	22.9	18.4	17.7	18.1
14	27.4	25.2	26.6	23.8	22.7	23.2	18.2	17.6	17.9
15	25.2	24.2	24.7	24.1	23.4	23.8	17.7	16.8	17.1
16	25.0	24.2	24.7	24.1	23.7	23.9	17.0	16.3	16.6
17	24.8	23.2	24.3	24.6	24.0	24.2	17.2	16.3	16.8
18	23.2	21.8	22.4	24.1	22.6	23.1	17.4	16.7	17.0
19	23.5	21.5	22.5	24.3	22.8	23.6	17.2	16.3	16.9
20	23.6	22.6	23.1	24.2	23.2	23.7	17.8	16.9	17.3
21	23.2	22.7	23.0	24.2	23.4	23.9	17.3	16.7	17.0
22	23.6	22.6	23.1	24.6	23.6	24.1	17.0	16.7	16.8
23	---	---	---	24.4	23.7	24.1	16.7	16.1	16.4
24	23.8	22.5	23.1	24.8	24.2	24.5	17.0	16.4	16.6
25	24.2	22.6	23.5	24.7	24.0	24.3	---	---	---
26	24.2	22.8	23.7	24.7	23.3	23.9	16.1	15.6	15.8
27	24.5	23.1	23.9	23.8	23.0	23.4	15.8	15.3	15.6
28	24.2	23.4	23.8	23.2	22.3	22.8	15.5	15.1	15.3
29	24.9	23.6	24.4	22.4	21.3	21.7	15.4	14.9	15.1
30	25.2	24.0	24.6	21.3	20.8	21.1	15.1	14.5	14.9
31	25.1	23.9	24.6	---	---	---	15.5	14.7	15.2
Month	---	---	---	24.8	20.8	23.3	---	---	---

Table 29. *Daily maximum, minimum, and mean dissolved oxygen concentrations at station 403133080372801, from the New Cumberland Dam (downstream) continuous-recording water-quality monitor, June to October 1994*

[---, value not determined]

Day	Dissolved oxygen concentration, in milligrams per liter								
	May			June			July		
	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean
1	---	---	---	10.3	10.0	10.2	9.2	9.1	9.1
2	---	---	---	10.3	10.0	10.2	9.2	9.0	9.1
3	---	---	---	10.4	10.0	10.2	9.1	8.9	9.0
4	---	---	---	10.4	10.2	10.3	9.2	9.0	9.1
5	---	---	---	10.4	10.2	10.3	9.1	8.9	9.0
6	---	---	---	10.2	9.9	10.1	9.0	8.8	8.9
7	---	---	---	10.2	9.8	10.0	9.1	8.7	9.0
8	---	---	---	9.9	9.7	9.8	9.2	9.0	9.1
9	---	---	---	10.2	9.6	9.9	9.0	8.9	9.0
10	---	---	---	9.9	9.5	9.7	9.0	8.9	8.9
11	---	---	---	10.1	9.6	9.9	9.0	8.7	8.9
12	---	---	---	10.0	9.6	9.9	9.1	8.5	8.8
13	---	---	---	9.8	9.5	9.7	8.6	8.4	8.5
14	---	---	---	9.7	9.3	9.6	8.5	8.3	8.4
15	---	---	---	9.8	9.4	9.6	8.4	8.2	8.4
16	---	---	---	9.4	9.1	9.3	8.3	8.1	8.3
17	---	---	---	9.3	9.1	9.2	8.4	8.1	8.3
18	---	---	---	9.3	9.1	9.2	8.6	8.3	8.4
19	---	---	---	9.5	9.2	9.3	8.5	8.2	8.4
20	---	---	---	9.4	9.1	9.2	8.5	8.2	8.4
21	---	---	---	9.2	8.9	9.1	8.6	8.3	8.4
22	---	---	---	9.1	8.9	9.0	8.5	8.2	8.4
23	---	---	---	9.1	9.0	9.1	8.3	8.1	8.2
24	---	---	---	9.1	9.0	9.1	8.3	8.1	8.2
25	---	---	---	9.1	8.9	9.0	8.3	8.0	8.2
26	---	---	---	9.1	8.9	9.0	8.1	7.7	7.9
27	---	---	---	9.0	8.8	8.9	8.2	7.9	8.1
28	---	---	---	9.0	8.8	8.9	8.4	7.9	8.2
29	---	---	---	9.0	8.8	8.9	8.5	8.2	8.4
30	---	---	---	9.1	8.8	9.0	8.8	8.4	8.6
31	---	---	---	---	---	---	8.9	8.6	8.8
Month	---	---	---	10.4	8.8	9.5	9.2	7.7	8.6

Table 29. *Daily maximum, minimum, and mean dissolved oxygen concentrations at station 403133080372801, from the New Cumberland Dam (downstream) continuous-recording water-quality monitor, June to October 1994, Continued.*

[---, value not determined]

Day	Dissolved oxygen concentration, in milligrams per liter								
	August			September			October		
	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean
1	9.1	8.7	8.9	---	---	---	10.1	9.4	9.8
2	9.0	8.7	8.8	---	---	---	---	---	---
3	8.9	8.6	8.8	---	---	---	---	---	---
4	8.6	8.2	8.5	---	---	---	---	---	---
5	8.6	8.3	8.5	---	---	---	---	---	---
6	8.9	8.5	8.7	---	---	---	---	---	---
7	8.9	8.6	8.8	---	---	---	---	---	---
8	8.9	8.6	8.8	9.8	9.7	9.7	---	---	---
9	9.1	8.6	8.8	9.8	9.6	9.7	---	---	---
10	8.9	8.5	8.8	10.0	9.6	9.8	---	---	---
11	8.7	8.5	8.6	10.0	9.7	9.8	---	---	---
12	8.7	8.4	8.5	10.0	9.6	9.7	10.1	9.0	9.6
13	8.6	8.2	8.4	10.0	9.6	9.8	---	---	---
14	8.7	8.2	8.4	9.8	9.5	9.7	10.1	9.1	9.6
15	8.8	8.5	8.7	9.7	9.5	9.5	10.2	9.4	9.8
16	8.9	8.5	8.7	9.7	9.3	9.5	10.3	9.5	9.9
17	9.2	8.8	8.9	9.4	9.1	9.3	9.9	9.5	9.7
18	9.5	9.2	9.4	9.6	9.3	9.5	---	---	---
19	9.5	8.9	9.2	9.6	9.2	9.3	---	---	---
20	9.2	9.0	9.1	9.3	9.0	9.2	---	---	---
21	9.3	9.1	9.2	9.3	9.0	9.2	---	---	---
22	9.2	9.1	9.2	9.2	9.0	9.1	---	---	---
23	---	---	---	9.2	8.8	9.0	---	---	---
24	---	---	---	9.1	8.7	8.9	---	---	---
25	---	---	---	9.1	8.8	9.0	---	---	---
26	---	---	---	9.2	8.8	9.1	---	---	---
27	---	---	---	9.3	8.7	9.0	---	---	---
28	---	---	---	9.5	8.7	9.1	---	---	---
29	---	---	---	9.9	8.8	9.4	---	---	---
30	---	---	---	10.0	9.3	9.6	---	---	---
31	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---

CONVERSION FACTORS AND ABBREVIATIONS

Multiply	By	To obtain
inch (in.)	25.4	millimeter
foot (ft)	0.3048	meter
foot per mile (ft/mi)	0.1894	meter per kilometer
mile (mi)	1.609	kilometer
square mile (mi^2)	2.590	square kilometer

Temperature is given in degrees Celsius ($^{\circ}C$), which can be converted to degrees Fahrenheit ($^{\circ}F$) by use of the following equation:

$$F = 1.8(^{\circ}C) + 32$$

River Mile: A unit of length applied to the main stem of a river to denote location. Typically, the mouth of a river is designated river mile zero and river mile length is measured upstream from this point. River mile zero on the Ohio River has been designated as the river's origin in Pittsburgh, Pa., however, and river mile length is measured downstream from this point.

Abbreviated water-quality units used in this report: Chemical concentrations and water temperature are given in metric units. Chemical concentration is given in grams per liter (g/L), milligrams per liter (mg/L), or micrograms per liter (µg/L). Milligrams per liter is a unit expressing the concentration of chemical constituents in solution as weight (milligrams) of solute per unit volume (liter) of water. One thousand milligrams per liter is equivalent to one gram per liter. One thousand micrograms per liter is equivalent to one milligram per liter. For concentrations less than 7,000 mg/L, the numerical value is the same as for concentrations in parts per million.

Specific conductance of water is expressed in microsiemens per centimeter at 25 degrees Celsius (µS/cm). This unit is equivalent to micromhos per centimeter at 25 degrees Celsius (µmho/cm), formerly used by the U.S. Geological Survey.