WATER-QUALITY DATA FOR THE OHIO RIVER FROM WILLOW ISLAND DAM TO BELLEVILLE DAM, WEST VIRGINIA AND OHIO, JUNE-OCTOBER 1995

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 160.6 (1.1 mi upstream from Willow Island Dam) to river mile 203.6 (0.3 mi upstream from Belleville Dam) that were collected during the summer and fall 1995. 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. Field measurements of water-quality characteristics were made along a longitudinal transect with 24 mid-channel sampling sites; cross-sectional transects of water-quality measurements were made at 6 of these sites. Water-quality measurements also were made at six sites located on the back-channel (West Virginia) sides of Marietta, Muskingum, and Blennerhassett Islands. 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 (surface of the water, about 3.0 feet below the surface, middle of the water column, and near the bottom of the river) constituting a four-point vertical profile. Cross-sectional transects consisted of three or four detailed vertical profiles of the same characteristics. 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. Each synoptic sampling period was completed in two days or less. The entire network was sampled nine times from June 28 to October 19, 1995.

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 approximately 6.6 feet at the ends of the upstream and downstream wingwalls at Willow Island Dam. Continuous-recording monitors were operated from June through October 1995. Maximum and minimum measurements at the upstream monitor for specific conductance were 667 microsiemens per centimeter and 260 microsiemens per centimeter, for pH were 8.4 and 7.0, for water temperature were 32.4°Celsius and 15.8 °Celsius, and for dissolved oxygen were 11.5 milligrams per liter and 5.3 milligrams per liter, respectively. The downstream monitor maximum and minimum measurements for specific conductance were 675 microsiemens per centimeter and 257 microsiemens per centimeter, for pH were 8.1 and 7.1, for water temperature were 31.2°Celsius and 16.0°Celsius, and for dissolved oxygen 10.7 milligrams per liter and 5.6 milligrams per liter, respectively.

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 retrofitting 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, Pennsylvania, to Huntington, West Virginia (fig. 1). However, many of these licenses have since been surrendered, indicating that perhaps the original licensees do not intend to develop projects.

Some dams scheduled for hydropower development currently are thought to improve the 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, and the amount of surface area in contact with the atmosphere is increased. 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 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 so 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 1991 in cooperation with the city of New Martinsville, W. Va., and was designed, in part, to address license requirements for development of hydropower at Willow Island Dam (FERC Project No. 6902). This dam is located upstream from Parkersburg, W. Va., and is of the deep-discharge type. 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 ecological 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 Belleville navigation pool, a 43-mi section of the Ohio River that begins at river mile 160.6 (1.1 mi upstream from Willow Island Dam) and extends downstream to river mile 203.6 (0.3 mi upstream from Belleville Dam) (fig.2). The final environmental impact statement for development of hydropower at Willow Island Dam concluded that the dam provides little reaeration to the downstream pool (Federal Energy Regulatory Commission, 1988. p. 3-64).

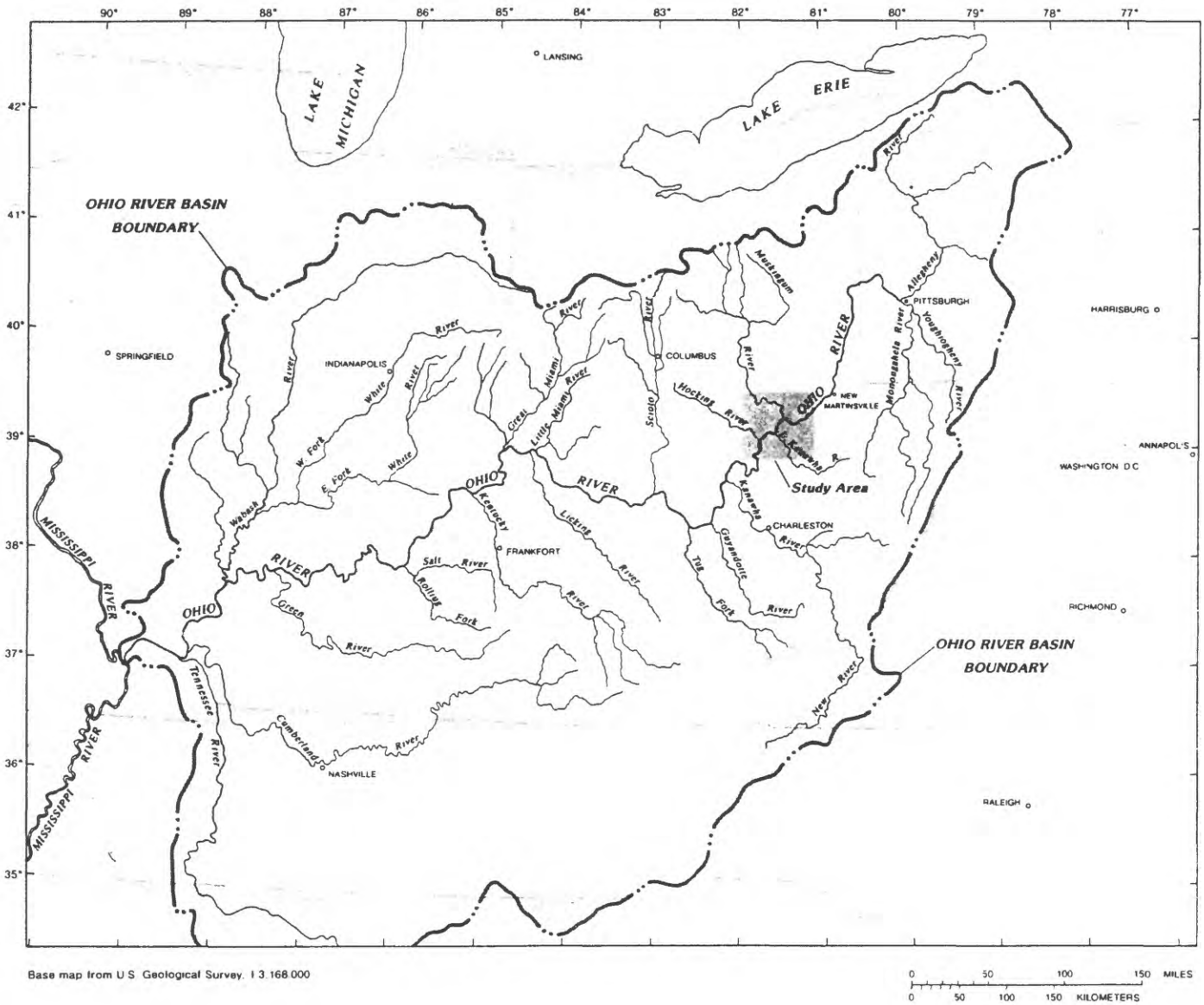

Figure 1. Ohio River drainage basin.

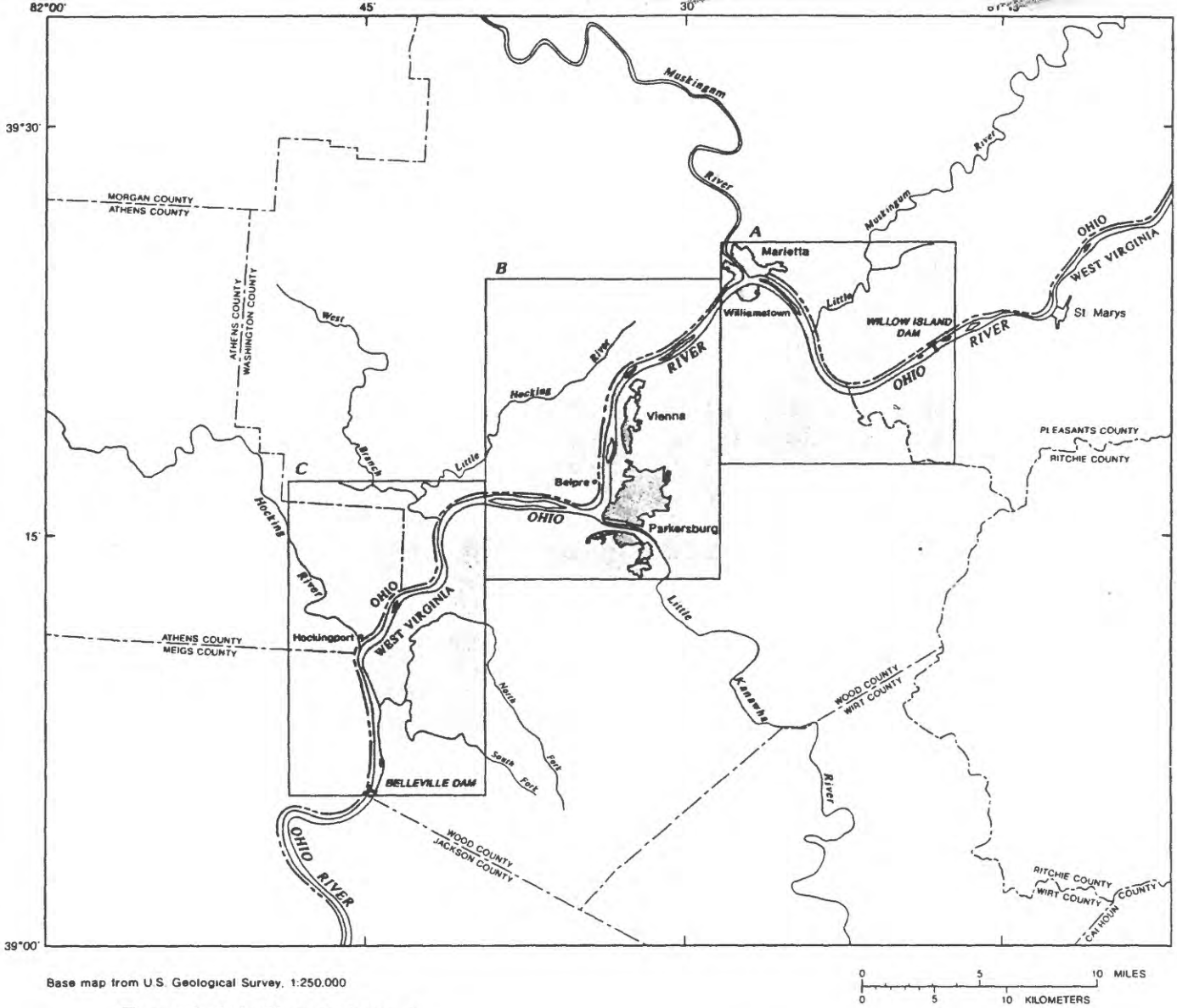

Figure 2. Ohio River study reach.

Purpose and Scope

This report presents data collected in 1995 on the spatial and temporal distribution of selected water-quality characteristics in the Belleville pool of the Ohio River (fig. 2). This report contains water quality of the Belleville pool that was determined by continuous monitoring of conditions near Willow Island Dam and by repeated synoptic sampling of the entire 43-mi pool. Measurements of specific conductance, pH, water temperature, and DO concentration were collected at each sampling site in the network during synoptic-sampling periods of 2 days or less. 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 once in June and twice a month during the months of July, August, September, and October, 1995.

This report also contains data from continuous monitors. The data consist of hourly measurements of specific conductance, pH, water temperature, and DO concentration that were made at a depth of approximately 6.6 ft at the ends of the upstream and downstream wingwalls at Willow Island Dam. Continuous-recording monitors were in operation from June through October 1995.

Description of Study Area

Drainage area for the Ohio River at Belleville Dam is 39,300 mi^2. Most of the drainage basin up to the dam consists of narrow flood plains and deeply incised tributary valleys. Major tributaries in the study reach include the Muskingum River (drainage area: 8,040 mi^2), the Little Kanawha River (drainage area: 2,320 mi^2), and the Hocking River (drainage area: 1,190 mi^2) (fig. 2). 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 Belleville pool is 1,327 ft. The average bottom slope is 0.5 ft/mi (Ohio River Valley Water Sanitation Commission, 1988). Although the average depth of the pool is 24 ft, the depth of the main channel increases with distance downstream from the dam.

The climate of the region is considered temperate with distinct seasonal changes. Mean minimum air temperatures (-4.8°C) are generally recorded during January; mean maximum air temperatures (30.2°C) are generally recorded 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 multipurpose 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 reach is about 16 percent cropland, 12 percent pasture, 46 percent forest, 6 percent urban, and 20 percent other uses (Ohio River Valley Water Sanitation Commission, 1988). Major urban and industrial centers in the reach include Parkersburg, W. Va., and Marietta, Ohio (fig. 2). The reach includes one municipal drinking-water intake (Ranney well at Parkersburg) and seven industrial water intakes. Industrial activity along the reach is associated mainly with chemical manufacturing and coal-fired electric-power generation. This section of the river is also used to transport petroleum products, chemicals, and other materials. There are 16 river terminals in the study reach, most of which are located between Marietta and Parkersburg (Ohio River Valley Water Sanitation Commission, 1988). The States of West Virginia and Ohio have issued permits for 8 municipal and 22 industrial effluent discharges in the study reach.

DATA-COLLECTION METHODS

Water quality of the Belleville pool was determined by a combination of synoptic field measurements, laboratory analyses, and continuous monitoring. Field measurements were made on June 28, July 13, July 27, August 24, September 6, September 20, October 5, and October 19, 1995. A partial set of field data was collected on August 10, 1995. Two continuous-recording monitors were in operation at Willow Island Dam from June 1 through October 31, 1995.

The field-data-collection network for the study consisted of a longitudinal transect with 24 mid-channel sampling sites; cross-sectional transects of water-quality characteristics were made at 6 of these sites. Three of these cross-sectional transects (river miles 183.0, 184.6, and 192.9) had water-quality measurements taken at near sunrise and during the afternoon of the same day. Water-quality measurements also were made at six sites located on the back-channel (West Virginia) sides of the three largest islands (Marietta, Muskingum, and Blennerhassett) in the Belleville pool. Measurements made at each longitudinal-transect and back-channel sampling site included vertical profiles of specific conductance, pH, water temperature, and DO concentration, with readings taken at the surface of the water, 3 ft from the surface, from the middle of the water column, and at the bottom of the river. Cross-sectional transects consisted of three or four detailed vertical profiles of the same characteristics. 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.

Sampling Cross-Sectional Transects

During each sampling period, water-quality measurements were made in cross-sectional transects at six locations shown in figures 3a-3c. Two cross sections were located near Willow Island Dam at the ends of the upstream (river mile 161.4) and downstream (river mile 162.1) wingwalls (fig. 3a). Additional cross sections were located at Parkersburg, W. Va. (river mile 183.0), near the mouth of the Little Kanawha River (river mile 184.6), and at the downstream end of a large chemical manufacturing complex near Little Hocking, Ohio (river mile 192.9) (figs. 3b and 3c). One cross section was located at Belleville Dam at the end of the upstream wingwall (river mile 203.6) (fig. 3c). As weather permitted, the cross sections at river miles 183.0, 184.6, and 192.9 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.

Cross-sectional transects at the Willow Island Dam and Belleville Dam sites usually consisted of four vertical profiles of specific conductance, pH, water temperature, and DO concentration measurements. Positions of the vertical profiles were located by estimating 25, 50, 75 and 100 percent of the distance from the left bank to the edge of the wingwall and were sampled in random order to minimize the 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. Complete vertical-profile measurements were made at the surface of the water, about 3.0 and 5.0 ft below the surface, and then at depth intervals of about 5.0 ft until just off of the bottom of the river, 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 each set of field measurements by use of a Thommen TX altimeter-barometer.

Sampling Longitudinal Transects

Longitudinal transects consisted of measurements of specific conductance, pH, water temperature, and DO concentration made at four depths (surface of the water, about 3.0 ft below the surface, middle of the water column, and near the bottom of the river) at 24 mid-channel sampling sites distributed throughout the Belleville pool. A complete depth profile (surface of the water, 3.0 ft below the surface, and then at intervals of 5.0 ft down to the bottom of the river) was measured at three of the original 24 mid-channel longitudinal sampling sites (river miles 160.6, 163.0, and 202.8). Six additional sampling sites were located on the back-channel (West Virginia) sides of Marietta, Muskingum, and Blennerhassett Islands. The locations of the sampling sites are shown in figures 3a-3c. 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 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.

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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.

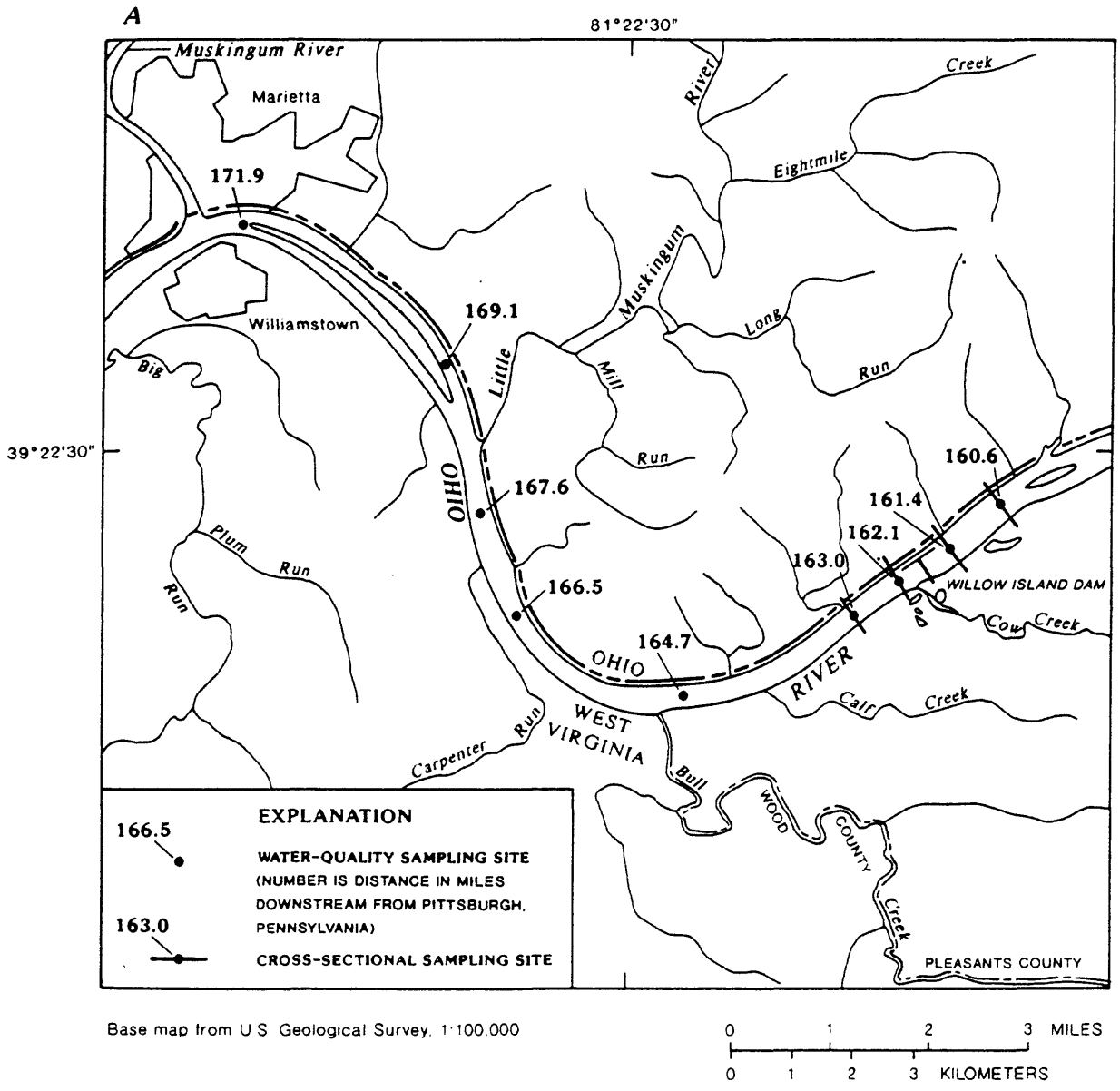

Figure 3a. Water-quality and cross-sectional sampling sites in the eastern (upstream) section of the study reach.

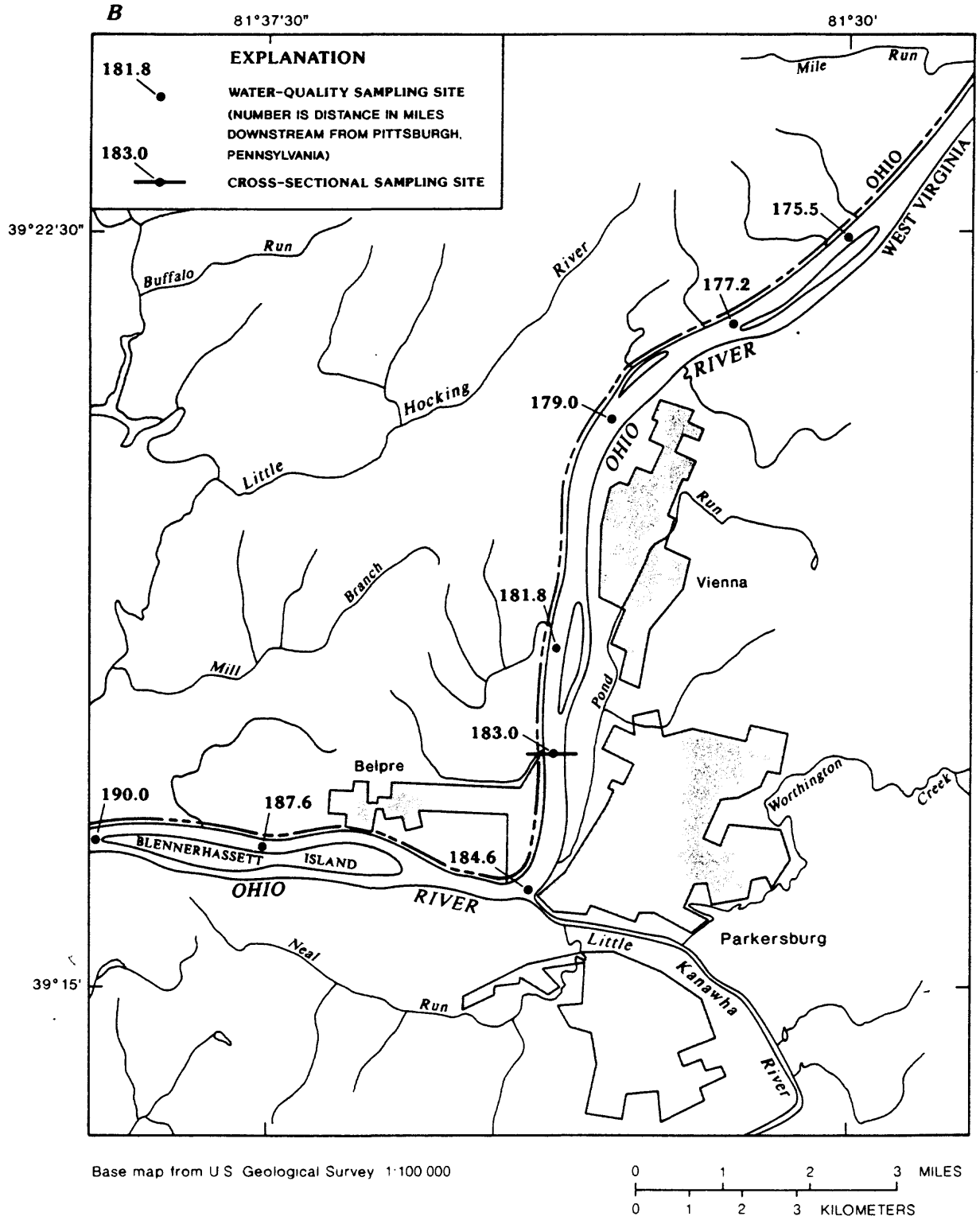

Figure 3b. Water-quality and cross-sectional sampling sites in the middle section of the study reach.

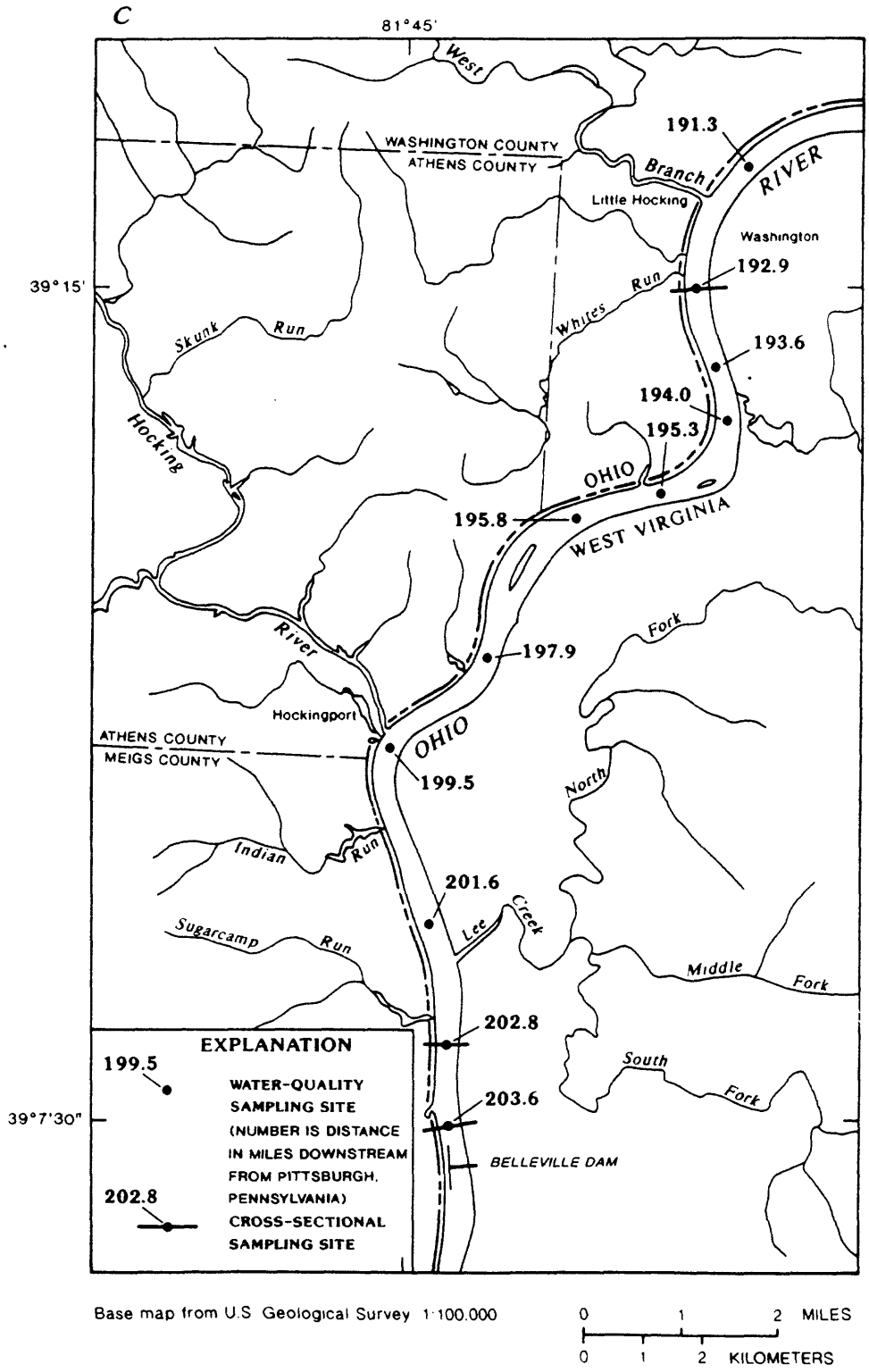

Figure 3c Water-quality and cross-sectional sampling sites in the western (downstream) section of the study reach.

Continuous-Record Water-quality Monitoring

Continuous-recording water-quality monitors were installed in June 1995 at sites upstream and downstream from Willow Island Dam (fig. 4). The monitors consisted of Hydrolab H20 multi-parameter data transmitters connected to Handar 570A data-collection platforms that recorded hourly measurements 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 upstream monitor was located at the end of the upstream wingwall on the riverside, about 1,200 ft from the dam (latitude 39°21'45"N, longitude 81°18'56"W), in a section of 6-in. PVC pipe at a fixed depth of 6.6 ft. The downstream monitor was located in a similar position at the end of the downstream wingwall.

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 all parameters were checked periodically during the day for meter drift. Barometric pressure was recorded before each set of field measurements 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

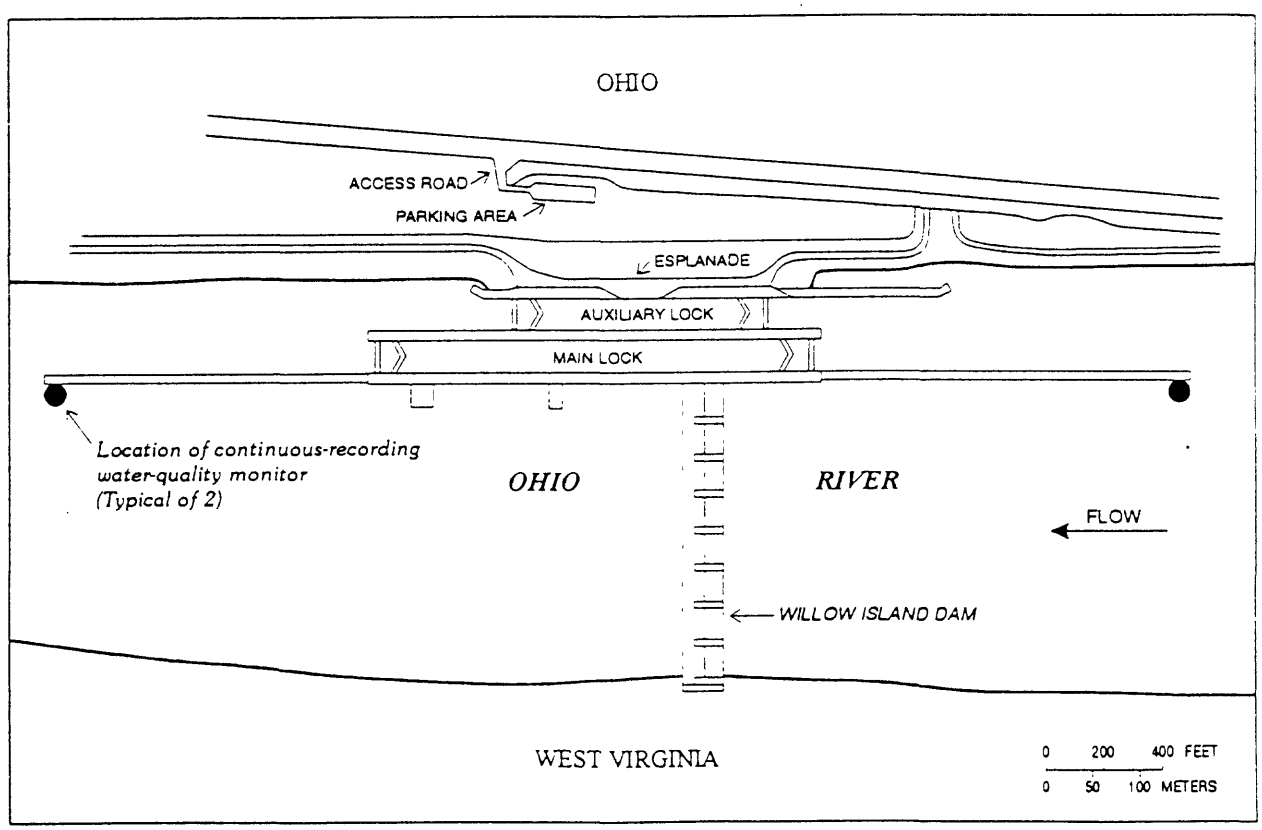

Figure 4. Diagram of Willow Island Dam showing locations of continuous-recording water-quality monitors.

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 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 window 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 river flows. 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 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 prime, a minicomputer located in Towson, Md. After being transmitted to prime, the data were 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 from the DCP to a disk and manually processing it 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 Willow Island Dam to Belleville Dam during June through October 1995 are presented in tables 1 through 38. Data for the cross-sectional and longitudinal transects are presented in tables 1 through 30. 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 31 through 38 and are arranged according to date, parameter sampled, and location of sample.

Cross-sectional and Longitudinal-Transect Data

Tables 1 through 30 present water-quality data for cross-sectional and longitudinal transects. Each table contains all water-quality data collected during 1995 at the sampling point indicated. Sampling points are identified by site number (latitude and longitude) and by river mile. The main shipping channel in the Belleville pool is always to the right (the Ohio side) of large islands; the back channel is always to the left (the West Virginia side) of the islands. 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 field measurements are reported for the June 28, July 13, July 27, August 24, September 6, September 20, October 5, and October 19 sampling periods. Severe fog on the river precluded near-sunrise sampling during the August 10 sampling period.

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. Occasionally, Secchi disk measurements were missing because the sampling time was not between the hours of 1000 and 1600 or because of adverse weather conditions.

Continuous-Recording Monitor Data

Continuously monitored water-quality data for the Ohio River at the Willow Island Dam monitors from June through October 1995 are summarized in tables 31 through 38. 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 location of the monitors are identified by site number and as either the upstream or the downstream location (fig. 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, and are available from the Charleston, W.Va. district office.

SUMMARY

The water-quality data presented in this report were collected during the summer and fall of 1995 as part of a monitoring program designed to assess the effects of hydropower development on water quality in the Belleville navigation pool of the Ohio River (Ohio River miles 160.6 to 203.6). Data-collection methods combined synoptic sampling throughout the pool and continuous monitoring upstream and downstream from Willow Island Dam. The data were collected, in part, to satisfy license requirements (FERC Project No. 6902) for development of hydropower at Willow Island Dam.

Synoptic sampling consisted of collecting measurements of specific conductance, pH, water temperature, and dissolved oxygen (DO) concentration along a longitudinal transect consisting of 24 main-channel sampling sites and 6 sites on the back-channel (West Virginia) sides of Marietta, Muskingum, and Blennerhassett Islands. Longitudinal-transect and back-channel sites were sampled in the middle of the channel at depths of about surface, 3.0 ft below the surface of the water, at the middle of the water column, and near the bottom of the river. Cross-sectional transects of the same water-quality measurements were made at 6 of the 24 main-channel sites. Three of these cross-sectional transects (river miles 183.0, 184.6, and 192.9) had water-quality measurements taken at near-sunrise and during the afternoon of the same day. Cross-sectional transects consisted of three or four vertical profiles with measurements at the surface of the water, about 3.0 ft below the surface, and then at depth intervals of about 5.0 ft to the bottom of the river. An estimate of the depth of light penetration (Secchi disk depth) was made at each cross-section sampling site whenever light and river-surface conditions were appropriate. The entire network was sampled 9 times from June 28 to October 19, 1995.

As weather permitted, each synoptic sampling period consisted of near-sunrise cross-sectional transect measurements of water quality at river miles 183.0, 184.6, and 192.9. These same sampling sites were also measured during the afternoon of the same day of the near-sunrise measurements. An exception to this protocol was the August 10 sampling period, when fog prohibited all near-sunrise water-quality measurements.

Continuous-recording water-quality monitors were installed at the ends of the upstream and downstream wingwalls at Willow Island Dam. Hourly measurements of specific conductance, pH, water temperature, and DO concentration were recorded beginning in June and continued through October 1995. Maximum, minimum, and mean daily values of specific conductance, water temperature, and DO concentration are reported. Maximum, minimum, and median daily values of pH are reported. At the upstream monitor maximum and minimum measurements for specific conductance were 667 uS/cm and 260 uS/cm, for pH were 8.4 and 7.0, for water temperature were 32.4 °C and 15.8 °C, and for dissolved oxygen were 11.5 mg/l and 5.3 mg/l, respectively. At the downstream monitor maximum and minimum measurements for specific conductance were 675 uS/cm and 257 uS/cm , for pH were 8.1 and 7.1, for water temperature were 31.2°C and 16.0°C, and for dissolved oxygen 10.7 mg/l and 5.6 mg/l, respectively.

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Tables 1-30 Headnote explanation

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 (surface of the water, about 3.0 feet below the surface, middle of the water column, and near the bottom of the river) constituting a four-point vertical profile. Cross-sectional transects consisted of three or four detailed vertical profiles of the same characteristics. 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. Each synoptic sampling period was completed in two days or less. The entire network was sampled nine times from June 28 to October 19, 1995.

Table 1. *Water-quality data for station 392211081181201, Ohio River at river mile 160.6, June to October, 1995.*

[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									
29	0955	0.3	700	349	7.3	27.3	--	6.9	89
29	0956	3.0	700	350	7.3	27.3	--	6.8	88
29	0957	12	700	350	7.2	27.2	--	6.6	84
29	0956	24	700	347	7.2	27.2	--	6.6	84
July									
13	1035	0.4	700	436	7.4	29.2	--	7.8	103
13	1033	3.2	700	436	7.4	28.6	--	8.0	105
13	1032	14	700	427	7.3	27.2	--	7.6	97
13	1032	28	700	425	7.1	26.9	--	6.6	84
27	1203	0.5	700	482	7.4	28.8	--	6.7	88
27	1203	3.1	700	478	7.4	28.7	--	6.5	85
27	1204	14	700	484	7.3	28.5	--	6.1	80
27	1204	27	700	473	7.3	28.5	--	6.0	79
August									
10	1147	0.4	700	473	7.5	30.5	--	6.3	86
10	1148	3.1	700	474	7.5	30.2	--	6.3	85
10	1149	12	700	472	7.4	29.3	--	6.1	82
10	1148	25	700	473	7.4	29.0	--	5.9	78
24	1847	0.5	700	523	7.3	31.6	--	6.6	91
24	1848	3.3	700	525	7.3	31.3	--	6.6	91
24	1849	14	700	519	7.3	30.0	--	6.7	90
24	1848	27	700	516	7.3	29.5	--	6.0	80
September									
06	0944	0.3	700	580	7.2	29.4	--	7.2	95
06	0944	3.3	700	580	7.2	29.2	--	7.2	95
06	0946	14	700	580	7.2	27.6	--	6.7	86
06	0945	28	700	577	7.2	27.5	--	6.6	85
19	1348	0.3	700	645	7.3	24.9	--	6.4	78
19	1349	3.1	700	645	7.3	24.7	--	6.2	76
19	1350	13	700	642	7.3	24.1	--	6.1	74
19	1349	26	700	639	7.3	24.1	--	6.0	73

Table 1. *Water-quality data for station 392211081181201, Ohio River at river mile 160.6, June to October, 1995, 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									
21	1346	0.5	700	640	7.2	26.9	--	5.7	72
21	1346	3.1	700	643	7.2	25.5	--	5.8	72
21	1347	13	700	638	7.2	24.1	--	5.7	69
21	1347	27	700	632	7.2	24.0	--	5.6	67
October									
05	1907	0.2	700	579	7.5	22.1	--	6.8	81
05	1909	2.9	700	577	7.4	22.1	--	6.7	78
05	1910	15	700	587	7.4	22.1	--	6.7	78
05	1911	29	700	584	7.4	22.1	--	6.6	79
19	1249	0.6	700	586	7.5	21.5	--	7.6	87
19	1249	3.2	700	589	7.5	21.2	--	7.5	86
19	1250	14	700	585	7.5	19.5	--	7.3	81
19	1250	28	700	587	7.5	19.2	--	7.2	79

Table 2. *Water-quality data for station 392142081185201, Ohio River at river mile 161.4, June to October, 1995.*

[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									
29	1003	0.3	300	352	7.3	27.6	--	6.9	89
29	1003	2.8	300	352	7.3	27.6	--	6.9	89
29	1004	4.9	300	350	7.2	27.3	--	6.6	85
29	1005	9.6	300	353	7.2	27.2	--	6.6	84
29	1005	15	300	354	7.2	27.2	--	6.6	84
29	1006	20	300	352	7.2	27.2	--	6.6	84
29	1007	25	300	349	7.2	27.2	--	6.6	84
29	1011	0.3	600	351	7.3	27.5	--	6.8	88
29	1011	2.6	600	351	7.3	27.4	1.5	6.7	86
29	1012	5.3	600	353	7.2	27.2	--	6.6	85
29	1013	10	600	352	7.2	27.2	--	6.6	84
29	1013	15	600	352	7.2	27.2	--	6.6	85
29	1014	20	600	352	7.2	27.2	--	6.6	84
29	1015	25	600	351	7.2	27.2	--	6.6	84
29	1016	30	600	355	7.2	27.2	--	6.6	84
29	1020	0.3	900	353	7.3	27.5	--	7.5	97
29	1020	3.3	900	352	7.3	27.4	--	6.8	88
29	1021	5.1	900	350	7.3	27.4	--	6.6	86
29	1021	9.9	900	352	7.2	27.3	--	6.6	85
29	1022	15	900	351	7.2	27.2	--	6.6	84
29	1022	20	900	351	7.2	27.2	--	6.5	84
29	1023	25	900	350	7.2	27.2	--	6.5	84
29	1023	30	900	352	7.2	27.2	--	6.5	84
29	1028	0.3	1,300	352	7.3	27.4	--	6.8	87
29	1028	2.9	1,300	351	7.3	27.3	--	6.7	86
29	1029	5.1	1,300	351	7.3	27.3	--	6.7	86
29	1029	9.8	1,300	351	7.3	27.4	--	6.7	86
29	1030	15	1,300	353	7.2	27.4	--	6.7	86
29	1031	20	1,300	351	7.2	27.4	--	6.7	86
29	1030	25	1,300	348	7.2	27.3	--	6.6	85
29	1031	30	1,300	352	7.3	27.3	--	6.6	85
29	1032	33	1,300	352	7.3	27.3	--	6.6	85

Table 2. *Water-quality data for station 392142081185201, Ohio River at river mile 161.4, June to October, 1995, 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									
13	1044	0.7	300	428	7.7	28.1	--	8.8	114
13	1044	3.0	300	427	7.7	28.0	--	8.7	113
13	1045	5.3	300	425	7.7	27.6	--	8.7	112
13	1045	10	300	424	7.6	27.5	--	8.3	106
13	1046	15	300	425	7.4	27.2	--	7.1	91
13	1047	20	300	423	7.3	27.1	--	7.0	89
13	1047	25	300	420	7.3	27.0	--	6.6	84
13	1048	27	300	424	7.3	27.0	--	6.5	83
13	1051	0.5	600	429	7.7	28.3	--	8.7	114
13	1051	3.4	600	428	7.7	28.2	--	8.7	113
13	1052	5.4	600	424	7.6	27.6	--	8.4	109
13	1053	10	600	425	7.5	27.5	--	8.0	103
13	1053	15	600	424	7.4	27.3	--	7.7	99
13	1054	20	600	424	7.3	27.1	--	7.1	90
13	1055	25	600	424	7.3	27.0	--	6.8	87
13	1055	30	600	423	7.3	27.0	--	6.6	84
13	1056	33	600	423	7.2	26.9	--	6.6	84
13	1059	0.6	900	428	7.7	28.5	--	8.8	116
13	1059	3.3	900	430	7.7	28.3	--	8.7	114
13	1100	5.4	900	428	7.7	28.3	--	8.6	112
13	1100	10	900	424	7.6	27.7	--	8.4	109
13	1101	15	900	424	7.5	27.5	--	8.1	104
13	1101	20	900	424	7.4	27.3	--	7.7	99
13	1102	25	900	422	7.4	27.2	--	7.6	98
13	1102	30	900	426	7.4	27.2	--	7.4	94
13	1103	34	900	427	7.3	27.1	--	7.2	91
13	1106	0.6	1,300	430	7.8	28.5	--	8.8	115
13	1106	3.3	1,300	427	7.8	28.3	--	8.7	113
13	1107	5.2	1,300	423	7.5	27.4	--	7.8	100
13	1107	10	1,300	422	7.4	27.2	--	7.3	93
13	1108	15	1,300	422	7.4	27.2	--	7.3	93
13	1108	20	1,300	422	7.3	27.2	--	7.2	92
13	1109	25	1,300	423	7.3	27.2	--	7.3	93
13	1109	30	1,300	423	7.3	27.2	--	7.2	92
13	1110	34	1,300	422	7.3	27.1	--	7.1	90

Table 2. *Water-quality data for station 392142081185201, Ohio River at river mile 161.4, June to October, 1995, 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									
27	1157	0.5	300	481	7.4	30.0	--	6.8	92
27	1158	3.2	300	479	7.4	29.3	--	6.8	90
27	1157	5.0	300	476	7.4	29.1	--	6.7	89
27	1158	10	300	481	7.4	28.9	--	6.8	90
27	1200	15	300	482	7.4	28.5	--	6.4	84
27	1159	20	300	483	7.3	28.5	--	6.2	81
27	1201	25	300	482	7.4	28.5	--	6.2	81
27	1200	26	300	483	7.3	28.5	--	6.2	81
27	1151	0.4	600	484	7.4	30.2	--	6.8	91
27	1151	3.0	600	481	7.4	29.1	--	6.5	86
27	1152	4.9	600	480	7.4	28.8	4.0	6.4	84
27	1152	10	600	476	7.3	28.6	--	6.3	83
27	1153	15	600	482	7.3	28.6	--	6.3	82
27	1153	20	600	477	7.3	28.5	--	6.2	81
27	1154	25	600	473	7.3	28.5	--	6.2	81
27	1154	30	600	483	7.3	28.5	--	6.2	81
27	1155	33	600	483	7.3	28.5	--	6.2	81
27	1144	0.3	900	481	7.4	30.2	--	6.8	91
27	1144	3.1	900	477	7.4	29.5	--	6.7	90
27	1145	5.1	900	477	7.4	28.9	--	6.4	85
27	1145	10	900	477	7.3	28.6	--	6.3	83
27	1146	15	900	479	7.3	28.6	--	6.2	82
27	1146	20	900	482	7.3	28.6	--	6.2	81
27	1147	25	900	479	7.3	28.5	--	6.2	81
27	1148	31	900	483	7.3	28.5	--	6.2	81
27	1148	33	900	472	7.3	28.5	--	6.1	80
27	1132	0.4	1,300	480	7.4	29.7	--	6.7	90
27	1132	2.9	1,300	478	7.4	29.3	--	6.6	88
27	1133	4.9	1,300	476	7.4	29.1	--	6.6	87
27	1133	10	1,300	475	7.3	28.8	--	6.4	84
27	1134	15	1,300	475	7.3	28.8	--	6.3	82
27	1134	20	1,300	483	7.3	28.7	--	6.2	82
27	1135	25	1,300	483	7.3	28.6	--	6.2	82
27	1135	31	1,300	471	7.3	28.5	--	6.2	81
27	1136	36	1,300	483	7.3	28.5	--	6.1	80

Table 2. *Water-quality data for station 392142081185201, Ohio River at river mile 161.4, June to October, 1995, 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									
10	1142	0.3	300	476	7.6	30.4	--	6.8	93
10	1142	3.0	300	475	7.5	30.0	--	6.7	90
10	1143	5.0	300	472	7.5	29.5	--	6.6	88
10	1143	9.6	300	470	7.5	29.4	--	6.3	84
10	1144	15	300	482	7.5	29.3	--	6.2	83
10	1144	20	300	481	7.5	29.3	--	6.2	82
10	1145	24	300	476	7.5	29.3	--	6.2	82
10	1137	0.5	600	475	7.5	30.3	--	6.7	91
10	1137	3.0	600	474	7.5	30.0	3.0	6.7	91
10	1138	5.1	600	475	7.5	29.6	--	6.4	86
10	1138	9.6	600	475	7.5	29.3	--	6.3	84
10	1139	15	600	478	7.5	29.3	--	6.2	82
10	1139	19	600	477	7.5	29.3	--	6.2	83
10	1140	24	600	478	7.5	29.3	--	6.3	83
10	1140	29	600	479	7.4	29.1	--	5.9	79
10	1131	0.4	900	476	7.5	30.2	--	6.6	89
10	1131	3.0	900	475	7.5	29.5	--	6.5	86
10	1132	4.9	900	474	7.5	29.5	--	6.3	84
10	1132	9.6	900	475	7.4	29.3	--	6.1	82
10	1133	15	900	477	7.4	29.3	--	6.1	81
10	1133	20	900	476	7.4	29.3	--	6.1	81
10	1134	24	900	477	7.4	29.2	--	6.1	81
10	1134	29	900	479	7.4	29.2	--	6.2	82
10	1135	33	900	479	7.4	29.1	--	5.9	79
10	1123	0.2	1,300	474	7.5	29.7	--	6.6	88
10	1123	3.0	1,300	475	7.5	29.6	--	6.4	85
10	1124	4.9	1,300	474	7.5	29.6	--	6.4	86
10	1124	9.5	1,300	476	7.4	29.3	--	6.2	83
10	1125	15	1,300	478	7.4	29.3	--	6.2	83
10	1125	19	1,300	480	7.4	29.2	--	6.2	82
10	1126	24	1,300	474	7.4	29.1	--	6.0	80
10	1126	30	1,300	479	7.4	29.1	--	6.0	80
10	1127	34	1,300	476	7.4	29.1	--	5.9	78

Table 2. *Water-quality data for station 392142081185201, Ohio River at river mile 161.4, June to October, 1995, 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									
24	1839	0.3	300	523	7.8	31.4	--	8.3	114
24	1840	3.3	300	521	7.6	31.1	--	7.5	102
24	1840	5.0	300	523	7.6	31.1	--	6.9	95
24	1841	9.8	300	522	7.3	29.9	--	6.0	81
24	1842	15	300	522	7.3	29.8	--	6.1	81
24	1843	20	300	525	7.3	29.7	--	5.9	79
24	1844	22	300	518	7.3	29.7	--	5.9	78
24	1831	0.5	600	521	7.7	31.3	--	8.0	110
24	1831	3.1	600	526	7.7	31.4	--	7.9	109
24	1832	5.0	600	525	7.5	30.7	--	6.9	93
24	1832	10	600	523	7.3	29.9	--	6.2	83
24	1833	15	600	516	7.3	29.8	--	5.9	80
24	1833	20	600	515	7.3	29.7	--	6.0	80
24	1834	25	600	523	7.3	29.6	--	5.9	79
24	1834	30	600	514	7.2	29.5	--	5.8	77
24	1835	31	600	519	7.2	29.5	--	5.7	76
24	1824	0.3	900	514	7.8	31.3	--	8.1	111
24	1824	3.2	900	523	7.5	30.8	--	7.2	98
24	1825	5.2	900	522	7.4	30.4	--	6.5	88
24	1825	9.8	900	522	7.3	30.0	--	6.1	82
24	1826	15	900	521	7.3	29.9	--	6.2	83
24	1826	20	900	521	7.3	29.8	--	6.1	82
24	1827	25	900	520	7.3	29.6	--	5.9	79
24	1827	30	900	519	7.2	29.5	--	5.8	78
24	1828	32	900	518	7.2	29.4	--	5.5	73
24	1810	0.9	1,300	521	7.4	30.5	--	6.9	94
24	1810	3.2	1,300	521	7.4	30.5	--	6.7	90
24	1811	5.1	1,300	522	7.4	30.5	--	6.6	89
24	1811	9.8	1,300	522	7.4	30.4	--	6.6	89
24	1812	15	1,300	521	7.3	30.0	--	6.1	83
24	1812	20	1,300	521	7.3	29.8	--	6.0	81
24	1813	25	1,300	519	7.2	29.6	--	5.8	77
24	1813	30	1,300	518	7.2	29.5	--	5.6	75
24	1814	34	1,300	518	7.2	29.5	--	5.5	73

Table 2. *Water-quality data for station 392142081185201, Ohio River at river mile 161.4, June to October, 1995, 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									
06	1030	1.1	300	579	7.3	28.3	--	7.4	97
06	1030	3.6	300	580	7.3	28.3	--	7.3	95
06	1031	5.5	300	579	7.3	28.2	--	7.2	93
06	1031	10	300	579	7.2	28.0	--	6.8	88
06	1032	15	300	579	7.2	28.0	--	6.8	87
06	1032	20	300	579	7.3	27.9	--	7.0	90
06	1033	21	300	578	7.3	27.9	--	6.9	88
06	1023	0.5	600	579	7.3	28.3	--	7.2	93
06	1023	3.4	600	579	7.3	28.2	--	6.8	88
06	1024	5.5	600	578	7.2	28.1	4.0	6.6	86
06	1024	10	600	579	7.2	28.0	--	6.7	86
06	1025	15	600	577	7.2	28.0	--	6.5	84
06	1025	20	600	577	7.2	28.0	--	6.5	84
06	1026	25	600	578	7.2	27.9	--	6.4	83
06	1026	30	600	577	7.1	27.9	--	6.2	80
06	1027	33	600	577	7.1	27.9	--	6.0	77
06	1013	1.0	900	580	7.3	28.2	--	7.2	93
06	1013	3.3	900	580	7.3	28.2	--	7.3	95
06	1014	5.1	900	579	7.3	28.2	--	7.1	92
06	1015	10	900	579	7.2	28.0	--	6.8	88
06	1016	15	900	578	7.2	28.0	--	6.8	87
06	1016	20	900	579	7.2	28.0	--	6.7	87
06	1017	25	900	579	7.2	28.0	--	6.8	88
06	1018	30	900	579	7.2	28.0	--	6.6	86
06	1019	33	900	579	7.2	28.0	--	6.6	86
06	0959	0.5	1,300	577	7.3	28.1	--	7.1	92
06	0959	2.9	1,300	577	7.3	28.1	--	7.1	91
06	1000	4.9	1,300	577	7.3	28.1	--	7.1	92
06	1000	10	1,300	578	7.3	28.1	--	7.0	90
06	1001	15	1,300	579	7.3	28.1	--	6.9	90
06	1001	20	1,300	580	7.2	28.1	--	6.9	89
06	1002	25	1,300	577	7.3	28.1	--	7.0	90
06	1002	30	1,300	577	7.2	28.1	--	7.0	91
06	1003	35	1,300	580	7.3	28.0	--	6.9	89
06	1003	38	1,300	580	7.2	28.0	--	6.9	89

Table 2. *Water-quality data for station 392142081185201, Ohio River at river mile 161.4, June to October, 1995, 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									
19	1341	0.9	300	643	7.3	24.4	--	6.3	76
19	1341	2.9	300	641	7.3	24.5	--	6.4	78
19	1342	4.8	300	641	7.3	24.3	--	6.4	77
19	1342	9.5	300	640	7.3	24.1	--	6.2	74
19	1343	15	300	647	7.2	24.1	--	6.0	73
19	1343	20	300	646	7.2	24.1	--	6.1	73
19	1344	25	300	643	7.2	24.1	--	6.1	73
19	1344	27	300	647	7.2	24.0	--	6.0	72
19	1335	1.0	600	642	7.3	24.8	--	6.6	80
19	1335	2.9	600	640	7.3	24.6	--	6.3	77
19	1336	4.9	600	642	7.3	24.3	4.0	6.3	76
19	1337	9.7	600	646	7.3	24.1	--	6.1	73
19	1337	15	600	646	7.2	24.1	--	6.0	72
19	1338	20	600	642	7.2	24.1	--	6.0	72
19	1338	25	600	643	7.2	24.0	--	6.0	72
19	1339	30	600	643	7.2	24.0	--	6.0	72
19	1339	33	600	649	7.2	23.9	--	5.9	71
19	1333	0.3	900	643	7.3	24.8	--	6.3	77
19	1332	2.9	900	640	7.3	24.6	--	6.2	76
19	1332	4.9	900	638	7.3	24.3	--	6.2	75
19	1331	9.7	900	639	7.2	24.1	--	6.2	74
19	1331	15	900	638	7.2	24.1	--	6.0	72
19	1330	20	900	644	7.2	24.1	--	5.9	71
19	1330	25	900	647	7.2	24.0	--	5.9	71
19	1329	30	900	644	7.2	24.0	--	6.1	73
19	1329	33	900	637	7.2	23.8	--	6.0	72
19	1250	0.2	1,300	641	7.3	24.6	--	6.5	79
19	1250	3.0	1,300	643	7.3	24.3	--	6.2	75
19	1251	5.0	1,300	645	7.3	24.2	--	6.1	74
19	1251	10	1,300	645	7.3	24.1	--	6.0	72
19	1252	15	1,300	645	7.2	24.0	--	6.0	72
19	1252	20	1,300	643	7.2	24.0	--	6.0	72
19	1253	25	1,300	650	7.2	24.0	--	6.0	72
19	1253	30	1,300	649	7.2	23.9	--	6.0	72
19	1254	35	1,300	650	7.3	23.9	--	5.9	71

Table 2. *Water-quality data for station 392142081185201, Ohio River at river mile 161.4, June to October, 1995, 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									
21	1340	1.0	300	645	7.3	24.6	--	6.1	74
21	1340	3.0	300	645	7.3	24.5	--	5.9	72
21	1341	5.0	300	645	7.2	24.5	--	5.8	71
21	1342	9.8	300	645	7.2	24.2	--	5.6	68
21	1342	15	300	644	7.2	24.2	--	5.5	67
21	1343	20	300	646	7.2	24.2	--	5.5	67
21	1343	25	300	649	7.2	24.2	--	5.5	66
21	1344	29	300	651	7.2	24.2	--	5.4	65
21	1334	0.9	600	647	7.3	24.7	--	6.2	75
21	1334	3.0	600	646	7.3	24.5	--	5.9	71
21	1335	4.9	600	645	7.2	24.3	4.0	5.8	70
21	1335	9.7	600	645	7.2	24.3	--	5.8	70
21	1336	15	600	642	7.2	24.2	--	5.6	68
21	1336	20	600	643	7.2	24.2	--	5.5	67
21	1337	25	600	649	7.2	24.2	--	5.5	67
21	1337	30	600	650	7.2	24.2	--	5.3	64
21	1338	31	600	650	7.2	24.2	--	5.4	65
21	1328	0.4	900	647	7.3	24.5	--	5.9	72
21	1328	3.0	900	644	7.3	24.6	--	5.8	71
21	1329	5.0	900	646	7.3	24.5	--	5.8	70
21	1329	9.8	900	644	7.2	24.4	--	5.7	69
21	1330	15	900	643	7.2	24.3	--	5.7	68
21	1330	20	900	643	7.2	24.2	--	5.6	68
21	1331	25	900	642	7.2	24.2	--	5.5	67
21	1331	30	900	642	7.2	24.2	--	5.5	66
21	1332	33	900	642	7.2	24.2	--	5.5	66
21	1249	0.7	1,300	643	7.2	24.2	--	5.6	68
21	1249	3.1	1,300	640	7.2	24.2	--	5.6	67
21	1250	5.0	1,300	644	7.2	24.2	--	5.6	68
21	1250	10	1,300	645	7.2	24.2	--	5.6	68
21	1251	15	1,300	638	7.2	24.2	--	5.6	67
21	1251	20	1,300	645	7.2	24.2	--	5.5	67
21	1252	25	1,300	646	7.2	24.2	--	5.6	67
21	1252	30	1,300	647	7.2	24.2	--	5.5	66
21	1253	34	1,300	645	7.2	24.2	--	5.4	66

Table 2. *Water-quality data for station 392142081185201, Ohio River at river mile 161.4, June to October, 1995, 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									
05	1901	1.1	300	571	7.4	22.1	--	6.8	79
05	1901	3.2	300	573	7.4	22.1	--	6.7	78
05	1902	4.8	300	578	7.4	22.1	--	6.7	78
05	1903	9.8	300	579	7.4	22.1	--	6.7	78
05	1903	15	300	583	7.4	22.1	--	6.7	78
05	1904	20	300	584	7.4	22.1	--	6.6	77
05	1904	25	300	589	7.4	22.1	--	6.6	77
05	1905	29	300	584	7.4	22.1	--	6.6	77
05	1855	0.8	600	573	7.4	22.1	--	6.7	78
05	1855	3.3	600	575	7.4	22.1	--	6.7	78
05	1856	5.1	600	577	7.4	22.1	--	6.7	78
05	1856	9.8	600	580	7.4	22.1	--	6.6	77
05	1857	15	600	581	7.4	22.1	--	6.6	77
05	1857	19	600	582	7.4	22.1	--	6.6	77
05	1858	25	600	586	7.4	22.1	--	6.6	77
05	1858	30	600	585	7.4	22.1	--	6.6	77
05	1859	33	600	587	7.4	22.1	--	6.6	77
05	1849	0.8	900	570	7.5	22.1	--	6.7	78
05	1849	3.2	900	571	7.4	22.1	--	6.7	78
05	1850	5.2	900	575	7.4	22.1	--	6.7	78
05	1850	10	900	583	7.4	22.1	--	6.6	77
05	1851	15	900	579	7.4	22.1	--	6.6	77
05	1851	20	900	588	7.4	22.1	--	6.5	76
05	1852	25	900	588	7.4	22.1	--	6.5	76
05	1852	30	900	578	7.4	22.1	--	6.5	76
05	1853	34	900	580	7.4	22.1	--	6.6	77
05	1840	1.2	1,300	571	7.4	22.1	--	6.6	77
05	1840	3.1	1,300	573	7.4	22.1	--	6.6	77
05	1841	5.0	1,300	572	7.4	22.1	--	6.6	77
05	1841	10	1,300	575	7.4	22.1	--	6.6	77
05	1842	15	1,300	582	7.4	22.1	--	6.6	77
05	1842	20	1,300	576	7.4	22.1	--	6.6	76
05	1843	25	1,300	581	7.4	22.1	--	6.6	76
05	1843	30	1,300	576	7.4	22.1	--	6.5	76
05	1844	35	1,300	582	7.4	22.1	--	6.5	75

Table 2. *Water-quality data for station 392142081185201, Ohio River at river mile 161.4, June to October, 1995, 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									
19	1221	1.0	300	579	7.6	20.8	--	7.6	86
19	1222	3.2	300	581	7.6	20.5	--	7.5	85
19	1222	5.4	300	577	7.6	19.9	--	7.5	83
19	1223	10	300	573	7.5	19.6	--	7.3	81
19	1224	15	300	573	7.5	19.5	--	7.3	80
19	1224	20	300	572	7.5	19.5	--	7.2	80
19	1225	23	300	572	7.5	19.5	--	7.0	78
19	1230	0.5	600	581	7.5	20.8	--	7.4	84
19	1230	3.0	600	577	7.5	20.0	--	7.4	83
19	1229	5.1	600	577	7.5	19.8	--	7.3	82
19	1229	9.9	600	576	7.5	19.6	--	7.3	81
19	1228	15	600	574	7.5	19.6	--	7.2	80
19	1228	20	600	573	7.5	19.5	--	7.2	79
19	1227	25	600	573	7.5	19.5	--	7.1	79
19	1227	31	600	573	7.5	19.5	--	7.0	77
19	1232	0.6	900	579	7.6	21.1	--	7.7	87
19	1232	3.3	900	577	7.5	20.2	--	7.6	85
19	1233	5.2	900	577	7.5	20.1	4.5	7.5	83
19	1233	10	900	574	7.5	19.7	--	7.3	80
19	1234	15	900	572	7.5	19.6	--	7.3	80
19	1234	20	900	573	7.5	19.5	--	7.3	80
19	1235	25	900	573	7.5	19.5	--	7.2	79
19	1235	30	900	573	7.5	19.5	--	7.2	80
19	1236	33	900	573	7.5	19.5	--	7.1	78
19	1238	1.0	1,300	578	7.5	20.3	--	7.4	83
19	1238	3.0	1,300	578	7.5	20.4	--	7.5	84
19	1239	5.1	1,300	576	7.5	20.2	--	7.5	83
19	1240	10	1,300	577	7.5	20.0	--	7.3	82
19	1240	15	1,300	574	7.5	19.6	--	7.3	81
19	1241	20	1,300	574	7.5	19.6	--	7.1	79
19	1241	25	1,300	574	7.5	19.6	--	7.2	80
19	1242	30	1,300	574	7.5	19.6	--	7.2	80
19	1242	33	1,300	573	7.5	19.6	--	7.1	78

Table 3. *Water-quality data for station 392121081193401, Ohio River at river mile 162.1, June to October, 1995.*

[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									
29	1120	0.2	300	352	7.3	27.4	--	7.2	93
29	1121	3.0	300	351	7.3	27.3	--	6.7	87
29	1121	4.8	300	352	7.3	27.3	--	6.7	86
29	1122	10	300	353	7.3	27.3	--	6.7	87
29	1123	15	300	349	7.2	27.3	--	6.7	87
29	1123	20	300	355	7.2	27.3	--	6.7	87
29	1124	22	300	351	7.2	27.3	--	6.7	87
29	1115	0.5	500	353	7.3	27.3	--	6.7	87
29	1114	3.0	500	352	7.3	27.3	1.5	6.7	87
29	1114	5.1	500	354	7.3	27.3	--	6.7	86
29	1113	9.9	500	354	7.2	27.3	--	6.7	86
29	1113	16	500	356	7.2	27.3	--	6.7	87
29	1109	0.2	800	352	7.3	27.4	--	7.0	90
29	1108	3.0	800	352	7.3	27.3	--	6.8	88
29	1108	5.0	800	352	7.2	27.3	--	6.8	88
29	1110	10	800	351	7.2	27.3	--	6.8	88
29	1110	14	800	351	7.2	27.3	--	6.7	87
29	1109	17	800	354	7.2	27.3	--	6.7	87
29	1100	0.2	1,000	356	7.1	27.0	--	7.0	89
29	1101	3.1	1,000	352	7.3	27.4	--	6.8	88
29	1101	4.8	1,000	354	7.3	27.4	--	6.8	88
29	1103	8.7	1,000	355	7.3	27.4	--	6.8	87
29	1102	14	1,000	353	7.3	27.4	--	6.8	87
July									
13	1232	0.9	300	424	7.4	27.6	--	7.9	102
13	1234	2.9	300	424	7.4	27.6	--	8.2	106
13	1235	4.9	300	426	7.4	27.6	--	8.0	103
13	1235	9.9	300	426	7.4	27.6	--	7.9	102
13	1236	15	300	426	7.4	27.6	--	7.9	101
13	1237	20	300	425	7.4	27.6	--	7.8	101

Table 3. *Water-quality data for station 392121081193401, Ohio River at river mile 162.1, June to October, 1995, 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									
13	1155	0.6	500	424	7.4	27.6	--	7.9	102
13	1157	3.2	500	425	7.4	27.6	3.0	7.9	102
13	1157	5.4	500	425	7.4	27.6	--	7.9	101
13	1159	10	500	422	7.4	27.6	--	7.8	101
13	1217	15	500	423	7.4	27.6	--	8.1	104
13	1149	0.5	800	424	7.4	27.5	--	7.7	99
13	1149	3.0	800	426	7.4	27.6	--	7.7	99
13	1150	4.9	800	426	7.4	27.6	--	7.7	99
13	1150	10	800	425	7.4	27.5	--	7.7	99
13	1151	15	800	427	7.4	27.5	--	7.7	99
13	1141	0.4	1,000	424	7.4	27.6	--	7.7	99
13	1142	3.0	1,000	425	7.4	27.6	--	7.8	100
13	1142	5.1	1,000	425	7.4	27.6	--	7.8	100
13	1143	10	1,000	425	7.4	27.6	--	7.8	101
13	1144	16	1,000	425	7.4	27.6	--	7.8	100
13	1145	18	1,000	425	7.4	27.6	--	7.7	100
27	1020	0.5	300	477	7.3	28.7	--	6.4	84
27	1021	3.3	300	475	7.3	28.7	--	6.4	84
27	1021	4.8	300	478	7.3	28.7	--	6.5	85
27	1022	10	300	483	7.3	28.7	--	6.5	85
27	1022	15	300	473	7.3	28.7	--	6.5	85
27	1023	20	300	486	7.3	28.7	--	6.5	85
27	1023	21	300	479	7.3	28.7	--	6.4	85
27	1026	0.5	500	477	7.3	28.8	--	6.5	85
27	1026	3.1	500	478	7.3	28.8	--	6.5	85
27	1027	5.0	500	476	7.3	28.7	--	6.5	85
27	1027	10	500	479	7.3	28.7	--	6.4	85
27	1028	14	500	474	7.3	28.7	--	6.4	84

Table 3. *Water-quality data for station 392121081193401, Ohio River at river mile 162.1, June to October, 1995, 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									
27	1030	0.4	800	476	7.3	28.7	--	6.5	85
27	1031	3.2	800	476	7.3	28.7	--	6.5	85
27	1031	5.0	800	476	7.3	28.7	--	6.5	85
27	1032	10	800	476	7.3	28.7	--	6.5	85
27	1032	15	800	477	7.3	28.7	--	6.4	85
27	1033	20	800	475	7.3	28.7	--	6.5	85
27	1038	0.5	1,000	479	7.4	28.8	--	6.6	86
27	1038	3.1	1,000	478	7.3	28.7	--	6.6	86
27	1039	5.0	1,000	478	7.3	28.7	--	6.6	86
27	1039	10	1,000	477	7.4	28.8	--	6.6	86
27	1040	13	1,000	478	7.4	28.8	--	6.5	86
August									
10	1315	1.1	300	472	7.5	29.4	--	6.5	87
10	1315	3.6	300	479	7.5	29.3	--	6.4	85
10	1316	5.7	300	478	7.5	29.3	--	6.4	85
10	1316	10	300	482	7.5	29.3	--	6.3	84
10	1317	15	300	483	7.5	29.3	--	6.3	84
10	1317	20	300	483	7.5	29.3	--	6.3	84
10	1318	23	300	477	7.5	29.3	--	6.3	83
10	1310	1.5	500	478	7.5	29.5	--	6.4	86
10	1310	3.5	500	478	7.5	29.4	2.5	6.4	86
10	1311	5.4	500	478	7.5	29.4	--	6.3	85
10	1311	10	500	482	7.5	29.3	--	6.3	84
10	1312	15	500	480	7.5	29.3	--	6.3	83
10	1312	16	500	478	7.5	29.2	--	6.2	83
10	1305	1.1	800	478	7.5	29.3	--	6.4	85
10	1305	3.4	800	478	7.5	29.3	--	6.3	84
10	1306	5.4	800	479	7.5	29.3	--	6.3	85
10	1306	10	800	479	7.5	29.3	--	6.3	85
10	1307	15	800	478	7.5	29.3	--	6.3	84
10	1307	20	800	478	7.5	29.3	--	6.3	84

Table 3. *Water-quality data for station 392121081193401, Ohio River at river mile 162.1, June to October, 1995, 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									
10	1253	0.9	1,000	480	7.5	29.4	--	6.3	84
10	1253	3.3	1,000	480	7.5	29.4	--	6.4	85
10	1254	5.4	1,000	480	7.5	29.3	--	6.4	85
10	1254	10	1,000	480	7.5	29.4	--	6.4	85
10	1255	13	1,000	482	7.5	29.3	--	6.3	84
24	1710	0.8	300	524	7.6	31.1	--	7.5	102
24	1709	3.2	300	527	7.3	30.2	--	6.6	88
24	1709	5.4	300	528	7.3	30.1	--	6.5	87
24	1708	9.8	300	524	7.3	30.0	--	6.5	87
24	1707	15	300	525	7.3	29.9	--	6.3	85
24	1707	20	300	526	7.3	29.9	--	6.1	82
24	1706	22	300	521	7.3	29.9	--	6.2	83
24	1712	0.8	500	525	7.5	30.8	--	7.2	98
24	1712	2.9	500	527	7.4	30.5	--	7.0	95
24	1713	4.8	500	528	7.3	30.1	--	6.4	87
24	1713	10	500	523	7.3	30.1	--	6.2	84
24	1714	15	500	525	7.3	30.0	--	6.2	83
24	1714	20	500	522	7.3	29.9	--	6.1	82
24	1717	0.3	800	527	7.3	30.0	--	6.4	86
24	1717	3.3	800	524	7.3	30.1	--	6.4	85
24	1718	5.1	800	524	7.3	30.1	--	6.3	85
24	1718	10	800	525	7.3	30.1	--	6.3	84
24	1719	15	800	529	7.3	30.1	--	6.3	85
24	1719	16	800	527	7.3	30.1	--	6.4	86
24	1724	0.7	1,000	526	7.3	30.1	--	6.5	88
24	1727	3.2	1,000	527	7.3	30.1	--	6.5	87
24	1726	5.0	1,000	525	7.3	30.1	--	6.4	87
24	1725	10	1,000	527	7.3	30.1	--	6.5	87
24	1724	13	1,000	526	7.3	30.1	--	6.4	86

Table 3. *Water-quality data for station 392121081193401, Ohio River at river mile 162.1, June to October, 1995, 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									
06	1121	0.5	300	576	7.2	28.1	--	7.0	90
06	1121	3.1	300	579	7.2	28.1	--	7.0	90
06	1122	4.9	300	579	7.2	28.1	--	7.0	90
06	1122	9.8	300	580	7.2	28.1	--	6.9	89
06	1123	15	300	576	7.2	28.1	--	6.8	88
06	1123	19	300	580	7.2	28.1	--	6.7	87
06	1116	0.2	500	577	7.2	28.1	--	7.0	90
06	1116	3.0	500	577	7.2	28.1	--	6.9	90
06	1117	4.8	500	579	7.2	28.1	--	6.9	89
06	1117	9.2	500	580	7.2	28.1	--	6.9	90
06	1118	15	500	579	7.2	28.1	--	7.0	90
06	1110	0.6	800	577	7.2	28.1	--	7.0	90
06	1110	2.9	800	578	7.2	28.1	--	7.0	90
06	1111	4.9	800	577	7.2	28.1	--	6.8	88
06	1111	9.7	800	576	7.2	28.1	--	6.8	88
06	1112	14	800	575	7.2	28.1	--	6.9	89
06	1105	0.5	1,000	578	7.2	28.1	--	6.8	88
06	1105	3.2	1,000	577	7.2	28.1	--	6.8	88
06	1106	4.9	1,000	577	7.2	28.1	--	6.7	86
06	1106	9.8	1,000	575	7.2	28.1	--	6.8	88
06	1107	13	1,000	575	7.2	28.1	--	6.7	87
19	1435	0.8	300	651	7.3	24.3	--	6.3	76
19	1435	3.0	300	651	7.3	24.3	--	6.5	79
19	1436	4.8	300	647	7.3	24.2	--	6.1	74
19	1436	9.5	300	650	7.3	24.2	--	6.1	74
19	1437	15	300	650	7.2	24.2	--	6.2	75
19	1437	20	300	651	7.2	24.2	--	6.1	74
19	1438	23	300	646	7.2	24.2	--	6.2	74

Table 3. *Water-quality data for station 392121081193401, Ohio River at river mile 162.1, June to October, 1995, 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									
19	1431	0.3	500	651	7.3	24.3	--	6.5	78
19	1431	2.9	500	651	7.3	24.3	--	6.6	80
19	1432	5.0	500	650	7.3	24.2	--	6.4	78
19	1432	9.5	500	654	7.3	24.2	--	6.8	82
19	1433	15	500	654	7.3	24.2	--	6.3	75
19	1433	19	500	645	7.3	24.2	--	6.2	75
19	1427	0.2	800	650	7.3	24.2	--	6.3	76
19	1427	2.9	800	650	7.3	24.2	--	6.3	76
19	1428	4.8	800	650	7.3	24.2	--	6.2	75
19	1428	9.3	800	650	7.3	24.2	--	6.2	75
19	1429	15	800	650	7.3	24.2	--	6.2	75
19	1429	20	800	650	7.3	24.2	--	6.1	73
19	1423	0.3	1,000	651	7.3	24.7	--	6.3	77
19	1424	2.8	1,000	651	7.3	24.3	--	6.2	75
19	1424	4.8	1,000	651	7.3	24.3	--	6.2	75
19	1425	9.5	1,000	650	7.3	24.3	--	6.2	75
19	1425	12	1,000	651	7.3	24.4	--	6.4	77
21	1209	0.6	300	655	7.2	24.2	--	5.8	70
21	1209	3.1	300	657	7.2	24.2	--	5.7	68
21	1210	5.1	300	656	7.2	24.2	--	5.7	69
21	1210	9.8	300	657	7.2	24.2	--	5.7	69
21	1211	15	300	658	7.2	24.2	--	5.8	70
21	1211	20	300	661	7.2	24.2	--	5.7	69
21	1212	22	300	657	7.2	24.2	--	5.7	69
21	1205	1.0	500	656	7.2	24.1	--	5.7	69
21	1205	3.3	500	656	7.2	24.2	--	5.8	69
21	1206	5.2	500	656	7.2	24.2	--	5.7	69
21	1206	9.8	500	655	7.2	24.2	--	5.7	69
21	1207	15	500	657	7.2	24.1	--	5.8	69
21	1207	18	500	657	7.2	24.1	--	5.8	69

Table 3. *Water-quality data for station 392121081193401, Ohio River at river mile 162.1, June to October, 1995, 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									
21	1201	1.0	800	657	7.2	24.2	--	5.8	71
21	1201	3.2	800	657	7.2	24.2	--	5.7	69
21	1202	5.1	800	656	7.2	24.1	--	5.7	69
21	1202	9.9	800	656	7.2	24.1	--	5.7	69
21	1203	15	800	657	7.2	24.1	--	5.8	70
21	1203	18	800	657	7.2	24.1	--	5.8	70
21	1055	0.7	1,000	656	7.2	24.2	--	5.8	70
21	1056	3.1	1,000	656	7.2	24.2	--	5.8	70
21	1056	5.0	1,000	656	7.2	24.2	--	5.8	70
21	1059	9.6	1,000	654	7.2	24.2	--	5.8	70
21	1059	13	1,000	656	7.2	24.2	--	5.8	70
October									
05	1740	0.9	300	565	7.5	22.1	--	6.8	79
05	1740	3.1	300	569	7.4	22.1	--	6.7	79
05	1741	5.2	300	570	7.4	22.1	--	6.7	79
05	1741	9.9	300	573	7.4	22.1	--	6.7	78
05	1742	15	300	577	7.4	22.1	--	6.7	78
05	1742	18	300	582	7.4	22.1	--	6.7	78
05	1744	1.1	500	568	7.4	22.1	--	6.8	80
05	1745	2.8	500	569	7.3	22.1	--	6.8	79
05	1745	5.3	500	574	7.3	22.1	--	6.8	79
05	1746	8.3	500	574	7.4	22.1	--	6.7	79
05	1747	16	500	578	7.3	22.1	--	6.8	79
05	1748	20	500	578	7.3	22.1	--	6.7	78
05	1747	25	500	579	7.3	22.1	--	6.7	81
05	1750	1.1	800	563	7.4	22.1	--	6.9	81
05	1750	3.7	800	569	7.3	22.1	--	6.8	80
05	1751	5.0	800	570	7.3	22.1	--	6.8	80
05	1752	9.4	800	574	7.3	22.1	--	6.8	79
05	1753	15	800	576	7.3	22.1	--	6.7	78
05	1752	18	800	577	7.3	22.1	--	6.7	81
05	1759	0.8	800	564	7.4	22.1	--	6.7	78
05	1759	3.3	800	566	7.3	22.1	--	6.7	78
05	1800	5.2	800	569	7.3	22.1	--	6.7	79
05	1800	9.9	800	573	7.3	22.1	--	6.8	79
05	1801	13	800	575	7.3	22.1	--	6.8	79

Table 3. *Water-quality data for station 392121081193401, Ohio River at river mile 162.1, June to October, 1995, 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									
19	1108	0.6	300	572	7.5	19.6	--	7.5	84
19	1108	3.3	300	572	7.5	19.5	--	7.4	82
19	1109	5.2	300	571	7.5	19.5	--	7.4	81
19	1109	10	300	573	7.5	19.5	--	7.4	81
19	1110	15	300	569	7.5	19.5	--	7.4	81
19	1110	20	300	570	7.5	19.5	--	7.4	82
19	1111	22	300	572	7.5	19.5	--	7.3	81
19	1113	0.6	500	569	7.5	19.7	--	7.6	84
19	1113	3.2	500	571	7.5	19.6	--	7.5	83
19	1114	5.2	500	571	7.5	19.6	4.0	7.5	83
19	1114	10	500	573	7.5	19.5	--	7.4	82
19	1115	15	500	574	7.5	19.5	--	7.4	81
19	1117	0.6	800	569	7.5	19.7	--	7.6	85
19	1117	3.3	800	571	7.5	19.6	--	7.5	83
19	1118	5.4	800	572	7.5	19.6	--	7.5	82
19	1119	10	800	568	7.5	19.6	--	7.4	82
19	1119	15	800	574	7.5	19.6	--	7.4	82
19	1120	20	800	580	7.5	19.6	--	7.4	81
19	1120	21	800	571	7.5	19.6	--	7.3	81
19	1122	0.9	1,000	574	7.5	19.6	--	7.5	83
19	1122	3.2	1,000	578	7.5	19.6	--	7.5	83
19	1123	5.1	1,000	575	7.5	19.6	--	7.5	83
19	1123	9.9	1,000	577	7.5	19.6	--	7.5	83
19	1124	13	1,000	571	7.5	19.6	--	7.5	83

Table 4. *Water-quality data for station 392055081202001, Ohio River at river mile 163.0, June to October, 1995.*

[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									
29	1126	0.2	600	351	7.3	27.5	--	6.8	88
29	1126	3.0	600	352	7.3	27.4	--	6.8	88
29	1128	7.8	600	350	7.2	27.3	--	6.7	86
29	1127	18	600	351	7.2	27.3	--	6.7	86
July									
13	1243	0.5	600	424	7.4	28.1	--	7.8	101
13	1242	3.1	600	425	7.4	27.7	--	7.7	99
13	1241	8.8	600	425	7.4	27.6	--	7.7	99
13	1241	18	600	425	7.4	27.6	--	7.7	100
27	1015	0.4	600	475	7.4	28.8	--	6.5	86
27	1015	3.2	600	475	7.3	28.8	--	6.5	86
27	1016	8.1	600	474	7.3	28.7	--	6.5	85
27	1016	16	600	476	7.3	28.7	--	6.4	85
August									
10	1320	1.2	600	482	7.6	29.5	--	6.7	90
10	1320	3.6	600	483	7.5	29.4	--	6.6	88
10	1321	9.5	600	474	7.5	29.1	--	6.3	84
10	1321	18	600	482	7.5	29.1	--	6.1	81
24	1658	0.3	600	525	7.5	31.0	--	7.5	103
24	1659	3.3	600	527	7.4	30.4	--	7.0	94
24	1700	7.9	600	522	7.3	30.0	--	6.3	85
24	1659	15	600	524	7.3	29.9	--	6.1	82
September									
06	1129	0.2	600	576	7.3	28.6	--	7.4	96
06	1131	2.9	600	576	7.2	28.2	--	6.9	89
06	1130	8.8	600	577	7.2	28.1	--	6.7	87
06	1129	17	600	574	7.2	28.1	--	6.8	88
19	1026	0.7	600	650	7.2	24.0	--	6.0	72
19	1026	3.0	600	649	7.2	23.9	--	6.0	73
19	1028	8.6	600	650	7.2	23.9	--	5.8	69
19	1027	17	600	648	7.2	23.9	--	5.9	71

Table 4. *Water-quality data for station 392055081202001, Ohio River at river mile 163.0, June to October, 1995, 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									
20	1808	0.7	600	656	7.4	24.1	--	6.1	73
20	1808	3.2	600	661	7.3	24.1	--	6.0	72
20	1810	7.9	600	663	7.3	24.1	--	5.9	71
20	1809	16	600	663	7.3	24.1	--	6.0	73
October									
05	1733	1.1	600	565	7.4	22.1	--	6.8	79
05	1733	3.1	600	564	7.4	22.1	--	6.8	79
05	1735	8.7	600	575	7.4	22.1	--	6.7	79
05	1734	18	600	578	7.4	22.1	--	6.7	78
19	1102	0.8	600	573	7.5	19.7	--	7.7	86
19	1103	3.3	600	572	7.5	19.6	--	7.6	84
19	1104	8.6	600	573	7.5	19.5	--	7.3	81
19	1103	17	600	574	7.5	19.5	--	7.4	82

Table 5. *Water-quality data for station 392025081220701, Ohio River at river mile 164.7, June to October, 1995.*

[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									
29	1133	0.4	800	355	7.3	27.3	--	6.9	88
29	1134	3.2	800	355	7.3	27.3	--	6.9	88
29	1135	7.0	800	352	7.3	27.3	--	6.8	88
29	1134	14	800	358	7.3	27.3	--	6.8	88
July									
13	1248	0.6	800	424	7.4	27.8	--	7.6	98
13	1248	3.0	800	423	7.4	27.7	--	7.6	98
13	1247	7.4	800	425	7.4	27.5	--	7.5	96
13	1247	15	800	424	7.4	27.5	--	7.4	96
27	1010	0.5	800	477	7.4	28.7	--	6.5	86
27	1010	3.1	800	478	7.4	28.7	--	6.6	86
27	1011	7.1	800	479	7.4	28.7	--	6.6	86
27	1011	14	800	478	7.3	28.7	--	6.5	86
August									
10	1326	0.9	800	449	7.6	29.3	--	7.1	94
10	1327	3.5	800	472	7.6	29.2	--	6.8	91
10	1328	7.2	800	473	7.5	29.0	--	6.5	86
10	1327	14	800	474	7.5	28.9	--	6.4	84
24	1652	0.3	800	525	7.8	31.2	--	8.7	119
24	1652	3.2	800	522	7.4	30.2	--	7.3	98
24	1654	7.1	800	522	7.3	29.9	--	6.6	88
24	1653	14	800	522	7.3	29.9	--	6.3	85
September									
06	1146	0.8	800	573	7.2	28.5	--	7.1	93
06	1147	3.0	800	574	7.2	28.3	--	7.0	91
06	1148	6.3	800	572	7.2	28.0	--	6.7	86
06	1147	13	800	570	7.2	27.9	--	6.6	85
19	1021	1.1	800	654	7.2	23.7	--	5.9	71
19	1021	3.0	800	653	7.2	23.7	--	5.9	71
19	1022	6.6	800	653	7.2	23.7	--	5.8	70
19	1022	13	800	651	7.2	23.7	--	5.9	70

Table 5. *Water-quality data for station 392025081220701, Ohio River at river mile 164.7, June to October, 1995, 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									
20	1801	0.3	800	660	7.4	24.0	--	6.2	74
20	1802	3.0	800	660	7.3	24.0	--	6.2	74
20	1803	6.8	800	661	7.3	24.0	--	6.0	73
20	1802	14	800	662	7.3	24.0	--	6.0	73
October									
05	1724	1.2	800	558	7.4	22.1	--	6.8	79
05	1724	3.2	800	562	7.4	22.1	--	6.8	79
05	1726	7.2	800	566	7.4	22.1	--	6.8	79
05	1725	14	800	569	7.4	22.1	--	6.8	79
19	1058	0.6	800	563	7.5	19.4	--	7.7	85
19	1058	3.4	800	567	7.5	19.3	--	7.6	84
19	1059	6.5	800	560	7.5	19.3	--	7.4	82
19	1059	14	800	569	7.5	19.3	--	7.4	82

Table 6. *Water-quality data for station 392110081234201, Ohio River at river mile 166.5, June to October, 1995.*

[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									
29	1141	0.4	800	354	7.3	27.5	--	7.5	97
29	1141	3.1	800	357	7.3	27.3	--	7.1	92
29	1142	9.0	800	353	7.3	27.3	--	6.9	89
29	1142	18	800	355	7.3	27.3	--	6.9	89
July									
13	1255	0.5	800	423	7.4	28.4	--	7.5	97
13	1254	2.8	800	425	7.3	28.1	--	7.3	95
13	1253	10	800	428	7.3	27.4	--	7.2	92
13	1253	19	800	431	7.3	27.4	--	7.1	92
14	1317	0.2	800	264	7.6	28.4	--	7.9	103
14	1317	1.0	800	430	7.6	28.4	--	7.9	103
14	1318	2.0	800	430	7.6	28.2	--	7.9	103
14	1318	3.0	800	430	7.5	27.9	--	7.8	101
14	1319	4.0	800	430	7.5	27.7	--	7.8	101
14	1319	5.0	800	430	7.5	27.6	4.5	7.5	97
14	1320	10	800	430	7.4	27.4	--	7.1	91
14	1320	17	800	429	7.3	21.3	--	6.7	77
27	1005	0.3	800	479	7.4	28.7	--	6.5	86
27	1005	3.2	800	480	7.3	28.7	--	6.4	85
27	1006	10	800	481	7.3	28.6	--	6.3	83
27	1006	20	800	481	7.3	28.6	--	6.3	83
August									
10	1343	1.1	800	465	7.6	29.5	--	7.2	96
10	1344	3.6	800	467	7.6	29.2	--	6.9	92
10	1345	9.5	800	464	7.5	28.9	--	6.6	87
10	1344	18	800	464	7.5	28.8	--	6.3	84
24	1646	0.4	800	528	7.7	31.0	--	8.3	114
24	1647	3.2	800	527	7.5	30.5	--	7.7	104
24	1648	9.1	800	528	7.3	29.7	--	6.5	87
24	1647	19	800	527	7.3	29.6	--	6.1	81

Table 6. *Water-quality data for station 392110081234201, Ohio River at river mile 166.5, June to October, 1995, 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									
06	1152	0.5	800	569	7.2	28.0	--	7.1	92
06	1153	2.9	800	569	7.2	27.9	--	7.0	90
06	1154	9.1	800	566	7.1	27.5	--	6.5	84
06	1153	19	800	564	7.1	27.4	--	6.6	85
19	1015	0.4	800	654	7.2	23.7	--	6.1	73
19	1015	3.0	800	654	7.2	23.7	--	6.0	71
19	1016	9.1	800	653	7.2	23.7	--	5.9	70
19	1016	18	800	653	7.2	23.7	--	5.9	71
20	1754	0.4	800	658	7.4	23.9	--	6.2	75
20	1755	2.9	800	659	7.3	23.9	--	6.1	73
20	1756	8.4	800	661	7.3	23.9	--	6.0	72
20	1755	18	800	658	7.3	23.9	--	6.1	73
October									
05	1706	0.7	800	557	7.4	22.1	--	6.9	80
05	1706	3.2	800	558	7.4	22.1	--	6.9	80
05	1707	8.8	800	566	7.4	22.1	--	6.8	79
05	1707	18	800	573	7.4	22.1	--	6.8	79
19	1053	0.8	800	556	7.5	19.2	--	7.6	84
19	1053	3.2	800	556	7.5	19.1	--	7.5	83
19	1054	9.6	800	556	7.5	19.1	--	7.4	81
19	1054	19	800	556	7.5	19.1	--	7.4	81

Table 7. *Water-quality data for station 392318081243001, Ohio River at river mile 169.1, main channel, June to October, 1995.*

[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									
29	1146	0.2	1,700	358	7.3	27.4	--	7.1	92
29	1147	3.0	1,700	356	7.3	27.2	--	7.0	90
29	1149	9.0	1,700	356	7.3	27.1	--	7.0	90
29	1148	18	1,700	358	7.3	27.0	--	7.0	89
July									
13	1301	0.5	1,700	426	7.4	28.1	--	7.8	101
13	1301	3.1	1,700	424	7.4	27.9	--	7.8	101
13	1300	8.4	1,700	424	7.4	27.7	--	7.6	98
13	1300	17	1,700	425	7.4	27.7	--	7.6	97
27	0947	0.3	1,700	481	7.4	28.6	--	6.4	84
27	0947	3.3	1,700	482	7.4	28.7	--	6.3	83
27	0949	8.7	1,700	482	7.3	28.6	--	6.3	82
27	0948	17	1,700	482	7.3	28.6	--	6.3	82
August									
10	1356	1.1	1,700	433	7.6	28.5	--	7.1	93
10	1356	3.8	1,700	442	7.6	28.8	--	7.2	95
10	1357	9.6	1,700	435	7.5	28.4	--	6.9	91
10	1357	18	1,700	407	7.5	27.5	--	6.8	88
24	1636	0.5	1,700	519	7.7	31.1	--	8.5	116
24	1636	3.2	1,700	531	7.7	31.0	--	8.4	114
24	1638	8.6	1,700	531	7.4	30.1	--	7.0	95
24	1637	17	1,700	531	7.3	29.9	--	6.5	87
September									
06	1159	0.3	1,700	554	7.2	28.0	--	7.6	98
06	1200	3.1	1,700	556	7.2	27.8	--	7.6	98
06	1201	8.4	1,700	557	7.2	27.6	--	7.5	96
06	1200	17	1,700	555	7.2	27.6	--	7.5	96
19	1008	0.8	1,700	661	7.2	23.7	--	6.1	73
19	1009	3.0	1,700	665	7.2	23.7	--	5.9	71
19	1010	8.1	1,700	665	7.2	23.6	--	5.9	71
19	1009	16	1,700	661	7.2	23.6	--	6.0	71

Table 7. *Water-quality data for station 392318081243001, Ohio River at river mile 169.1, main channel, June to October, 1995, 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									
20	1746	0.6	1,700	661	7.4	23.7	--	6.3	76
20	1746	3.2	1,700	659	7.3	23.8	--	6.3	76
20	1748	8.5	1,700	661	7.3	23.8	--	6.3	75
20	1747	17	1,700	662	7.3	23.8	--	6.3	75
October									
05	2003	0.6	1,700	553	7.4	21.9	--	6.8	79
05	2003	3.2	1,700	557	7.3	22.0	--	6.8	79
05	2004	7.7	1,700	562	7.4	22.0	--	6.9	80
05	2004	15	1,700	564	7.4	22.0	--	6.9	80
19	1047	0.6	1,700	552	7.5	19.2	--	7.8	85
19	1047	2.9	1,700	552	7.5	19.2	--	7.6	83
19	1048	8.7	1,700	552	7.5	19.2	--	7.4	82
19	1048	16	1,700	552	7.5	19.2	--	7.5	82

Table 8. *Water-quality data for station 392313081244601, Ohio River at river mile 169.1, back channel, June to October, 1995.*

[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									
29	1157	0.4	400	360	7.3	27.3	--	6.9	88
29	1156	3.1	400	359	7.3	27.3	--	6.8	88
29	1156	5.0	400	359	7.3	27.2	--	6.8	88
29	1157	11	400	356	7.2	27.2	--	6.8	87
July									
13	1306	0.5	400	425	7.4	28.5	--	7.9	104
13	1305	3.1	400	425	7.4	28.3	--	7.8	102
13	1305	10	400	427	7.3	27.6	--	7.4	95
13	1304	20	400	424	7.3	27.6	--	7.3	95
27	0951	0.4	400	482	7.3	28.6	--	6.3	83
27	0951	3.2	400	482	7.3	28.6	--	6.2	82
27	0952	5.8	400	482	7.3	28.5	--	6.2	81
27	0952	12	400	482	7.3	28.5	--	6.2	81
August									
10	1350	1.1	400	453	7.6	29.6	--	7.2	96
10	1350	3.6	400	454	7.6	28.9	--	7.2	95
10	1353	9.5	400	420	7.4	27.6	--	6.4	83
10	1353	19	400	252	7.3	23.6	--	6.2	75
24	1640	0.2	400	531	7.6	31.2	--	8.0	110
24	1640	3.2	400	531	7.4	30.5	--	7.2	97
24	1641	9.0	400	531	7.3	29.9	--	6.5	87
24	1641	19	400	530	7.2	29.8	--	6.1	81
September									
06	1203	0.2	400	551	7.2	28.0	--	7.5	97
06	1204	2.9	400	552	7.2	27.6	--	7.3	93
06	1206	5.4	400	554	7.2	27.5	--	7.2	92
06	1205	11	400	554	7.1	27.4	--	6.9	88
19	1004	0.3	400	664	7.2	23.6	--	6.2	74
19	1005	3.0	400	662	7.2	23.6	--	6.0	72
19	1006	5.4	400	665	7.2	23.6	--	5.9	71
19	1005	11	400	663	7.2	23.6	--	5.9	70

Table 8. *Water-quality data for station 392313081244601, Ohio River at river mile 169.1, back channel, June to October, 1995, 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									
20	1823	0.6	400	659	7.3	23.8	--	6.2	74
20	1823	3.0	400	660	7.3	23.8	--	6.1	74
20	1825	6.4	400	662	7.3	23.8	--	6.0	72
20	1824	12	400	659	7.3	23.8	--	6.1	73
October									
05	1657	0.7	400	549	7.4	21.9	--	6.8	79
05	1657	2.5	400	558	7.3	21.9	--	6.8	79
05	1659	6.6	400	559	7.3	21.9	--	6.7	77
05	1658	12	400	559	7.3	21.9	--	6.6	77
19	1044	0.8	400	551	7.5	19.3	--	7.7	85
19	1044	3.5	400	551	7.4	19.2	--	7.5	83
19	1045	5.6	400	551	7.4	19.2	--	7.3	80
19	1045	11	400	551	7.4	19.2	--	7.4	81

Table 9. *Water-quality data for station 392419081255001, Ohio River at river mile 170.8, main channel, June to October, 1995.*

[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									
29	1207	0.2	1,500	363	7.3	27.7	--	7.1	92
29	1207	3.2	1,500	361	7.3	27.4	--	7.1	91
29	1208	8.6	1,500	363	7.3	27.3	--	7.0	90
29	1208	16	1,500	363	7.3	27.3	--	7.0	90
July									
13	1316	0.5	1,500	424	7.5	28.1	--	8.1	106
13	1316	2.9	1,500	424	7.5	27.9	--	8.1	104
13	1318	8.5	1,500	426	7.4	27.6	--	7.9	102
13	1317	16	1,500	423	7.4	27.6	--	7.8	100
27	0942	0.4	1,500	481	7.5	28.5	--	6.3	83
27	0942	3.0	1,500	481	7.4	28.5	--	6.3	83
27	0943	7.9	1,500	482	7.4	28.5	--	6.3	83
27	0943	16	1,500	482	7.4	28.5	--	6.3	82
August									
10	1401	1.1	1,500	429	7.6	28.6	--	7.2	94
10	1401	3.0	1,500	422	7.5	27.8	--	6.6	85
10	1402	8.6	1,500	418	7.5	27.6	--	6.6	86
10	1402	16	1,500	393	7.5	26.2	--	6.2	79
24	1630	0.4	1,500	532	7.7	31.3	--	8.4	116
24	1631	3.1	1,500	532	7.5	30.3	--	7.8	106
24	1632	8.1	1,500	533	7.3	29.8	--	6.7	90
24	1631	15	1,500	528	7.3	29.4	--	6.1	82
September									
06	1217	0.2	1,500	446	7.3	27.4	--	7.6	96
06	1217	2.8	1,500	544	7.2	27.2	--	7.3	93
06	1218	7.6	1,500	544	7.2	27.2	--	7.1	91
06	1219	15	1,500	544	7.2	27.2	--	7.1	91
19	0952	1.2	1,500	664	7.3	23.5	--	6.6	78
19	0953	3.7	1,500	664	7.3	23.6	--	7.1	85
19	0954	8.2	1,500	665	7.3	23.6	--	6.2	74
19	0953	16	1,500	664	7.3	23.6	--	6.2	74

Table 9. *Water-quality data for station 392419081255001, Ohio River at river mile 170.8, main channel, June to October, 1995, 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									
20	1740	1.5	1,500	662	7.4	23.7	--	6.5	78
20	1740	3.1	1,500	661	7.3	23.7	--	6.4	77
20	1741	7.6	1,500	661	7.3	23.7	--	6.4	77
20	1741	16	1,500	664	7.3	23.7	--	6.4	77
October									
05	2009	0.7	1,500	554	7.4	21.9	--	6.8	79
05	2009	3.2	1,500	552	7.3	22.0	--	6.8	79
05	2010	8.4	1,500	555	7.3	22.0	--	6.8	79
05	2010	17	1,500	569	7.3	22.0	--	6.7	78
19	1034	1.1	1,500	552	7.4	19.2	--	7.8	85
19	1034	3.2	1,500	552	7.4	19.1	--	7.8	85
19	1035	7.5	1,500	552	7.4	19.2	--	7.4	81
19	1035	14	1,500	552	7.4	19.1	--	7.9	87

Table 10. *Water-quality data for station 392411081255901, Ohio River at river mile 170.8, back channel, June to October, 1995.*

[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									
29	1201	0.5	400	361	7.3	27.4	--	7.0	90
29	1201	3.0	400	363	7.3	27.4	--	6.9	89
29	1203	9.0	400	364	7.3	27.3	--	6.9	89
29	1202	18	400	359	7.3	27.3	--	6.9	89
July									
13	1310	0.4	400	423	7.4	28.0	--	7.9	103
13	1310	3.5	400	424	7.4	27.8	--	8.0	103
13	1311	8.2	400	423	7.4	27.6	--	7.7	100
13	1311	16	400	425	7.4	27.6	--	7.7	99
27	0955	0.3	400	476	7.3	28.6	--	6.3	83
27	0956	3.2	400	480	7.3	28.5	--	6.3	82
27	0957	7.1	400	482	7.3	28.5	--	6.2	82
27	0956	14	400	481	7.3	28.5	--	6.2	81
August									
10	1408	1.1	400	440	7.6	28.8	--	7.2	95
10	1408	3.6	400	438	7.6	28.4	--	7.1	93
10	1409	8.5	400	432	7.4	27.8	--	6.4	83
10	1409	15	400	431	7.4	27.7	--	6.2	81
24	1623	0.3	400	532	7.6	31.3	--	8.1	111
24	1623	3.2	400	532	7.5	31.0	--	8.0	109
24	1624	7.5	400	530	7.2	29.8	--	6.3	85
24	1624	15	400	531	7.2	29.7	--	5.9	78
September									
06	1210	0.3	400	544	7.2	27.8	--	7.5	96
06	1210	3.0	400	543	7.2	27.4	--	7.1	91
06	1212	7.6	400	542	7.1	27.2	--	6.8	87
06	1211	15	400	539	7.1	27.2	--	6.8	86
19	0959	1.1	400	664	7.2	23.6	--	6.2	74
19	0959	3.2	400	666	7.2	23.6	--	6.0	71
19	1001	7.3	400	667	7.2	23.6	--	6.0	72
19	1000	15	400	663	7.2	23.5	--	6.0	72

Table 10. *Water-quality data for station 392411081255901, Ohio River at river mile 170.8, back channel, June to October, 1995, 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									
20	1829	1.5	400	652	7.3	23.7	--	6.2	75
20	1829	3.1	400	663	7.3	23.7	--	6.2	75
20	1831	8.4	400	660	7.3	23.7	--	6.1	73
20	1830	16	400	660	7.3	23.7	--	6.1	74
21	1033	0.5	400	656	7.2	23.8	--	5.8	70
21	1033	3.0	400	658	7.2	23.8	--	5.9	70
21	1034	8.9	400	659	7.2	23.8	--	5.9	70
21	1034	19	400	655	7.2	23.8	--	5.9	71
October									
05	1650	0.6	400	552	7.4	21.9	--	6.7	78
05	1651	3.3	400	556	7.3	21.9	--	6.7	77
05	1652	9.0	400	561	7.3	21.9	--	6.6	76
05	1651	17	400	551	7.3	21.9	--	6.6	77
19	1039	0.6	400	552	7.4	19.3	--	7.6	84
19	1040	3.4	400	552	7.4	19.2	--	7.5	82
19	1041	7.2	400	551	7.4	19.1	--	7.2	79
19	1040	16	400	552	7.4	19.1	--	7.3	80

Table 11. *Water-quality data for station 392232081295601, Ohio River at river mile 175.5, main channel, June to October, 1995.*

[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									
29	1219	0.2	1,700	432	7.6	27.5	--	7.3	94
29	1219	3.2	1,700	431	7.6	27.4	--	7.3	94
29	1221	10	1,700	437	7.6	27.3	--	7.2	93
29	1220	21	1,700	435	7.6	27.3	--	7.2	93
July									
13	1420	0.4	1,700	467	8.5	29.6	--	10.4	139
13	1420	3.4	1,700	471	8.2	27.9	--	9.2	119
13	1422	11	1,700	470	8.0	27.8	--	8.6	111
13	1421	19	1,700	468	8.1	27.8	--	8.6	111
14	1407	0.3	1,700	470	8.5	29.2	--	10.6	140
14	1408	1.0	1,700	470	8.5	29.3	--	10.9	144
14	1408	2.1	1,700	469	8.5	29.3	2.0	10.9	145
14	1409	3.0	1,700	471	8.4	29.0	--	10.5	138
14	1410	3.7	1,700	473	8.2	28.4	--	9.5	124
14	1411	5.1	1,700	473	8.2	28.3	--	9.5	123
14	1412	10	1,700	476	7.9	28.1	--	8.5	111
14	1413	19	1,700	475	7.9	28.1	--	8.4	109
27	1305	0.4	1,700	553	7.6	29.2	--	6.9	91
27	1305	3.1	1,700	553	7.6	29.1	--	6.9	91
27	1306	10	1,700	547	7.6	29.1	--	6.8	91
27	1306	20	1,700	546	7.6	29.0	--	6.8	90
August									
10	1418	1.1	1,700	357	7.7	24.9	--	7.7	95
10	1418	3.8	1,700	354	7.7	23.9	--	7.7	93
10	1420	11	1,700	351	7.7	23.9	--	7.6	92
10	1419	20	1,700	352	7.7	23.9	--	7.6	92
24	1144	0.5	1,700	513	7.8	29.8	--	8.0	107
24	1145	3.4	1,700	514	7.7	29.2	--	7.5	99
24	1146	10	1,700	513	7.6	29.1	--	7.0	93
24	1145	20	1,700	512	7.6	29.0	--	7.1	94

Table 11. *Water-quality data for station 392232081295601, Ohio River at river mile 175.5, main channel, June to October, 1995, 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									
06	1228	0.2	1,700	555	8.1	28.5	--	9.8	128
06	1228	3.0	1,700	554	8.0	27.9	--	9.4	121
06	1229	8.5	1,700	554	7.5	27.1	--	7.5	95
06	1229	18	1,700	554	7.5	27.0	--	7.4	94
20	1107	0.2	1,700	684	7.6	23.5	--	6.9	83
20	1108	2.3	1,700	685	7.6	23.5	--	7.1	84
20	1110	10	1,700	685	7.6	23.5	--	7.0	83
20	1109	20	1,700	685	7.6	23.5	--	7.0	84
October									
05	1632	0.7	1,700	601	7.5	21.7	--	6.7	78
05	1632	3.3	1,700	596	7.4	21.7	--	6.6	76
05	1633	7.9	1,700	605	7.4	21.7	--	6.6	76
05	1633	16	1,700	608	7.4	21.7	--	6.5	76
19	1340	0.6	1,700	544	7.7	19.3	--	8.4	92
19	1341	3.2	1,700	545	7.6	19.0	--	8.2	89
19	1342	9.3	1,700	545	7.6	18.4	--	7.8	84
19	1341	18	1,700	542	7.6	18.4	--	7.7	83

Table 12. *Water-quality data for station 392227081293701, Ohio River at river mile 175.5, back channel, June to October, 1995.*

[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									
29	1222	0.2	500	414	7.6	27.7	--	7.4	96
29	1223	2.9	500	425	7.6	27.4	--	7.3	94
29	1224	10	500	429	7.6	27.3	--	7.2	92
29	1223	21	500	429	7.6	27.3	--	7.1	92
July									
13	1425	0.5	500	451	8.3	29.5	--	10.1	134
13	1425	3.2	500	461	8.2	28.4	--	9.6	125
13	1427	14	500	480	8.2	27.8	--	8.9	116
13	1426	28	500	481	8.1	27.7	--	8.6	111
27	1309	0.4	500	501	7.5	29.4	--	7.0	93
27	1309	3.3	500	496	7.5	29.0	--	6.9	91
27	1310	12	500	493	7.4	28.9	--	6.8	90
27	1310	22	500	496	7.4	28.8	--	6.7	89
August									
10	1422	1.2	500	358	7.7	24.9	--	7.6	93
10	1423	3.8	500	366	7.7	24.3	--	7.5	91
10	1424	11	500	357	7.7	23.8	--	7.6	92
10	1423	21	500	357	7.7	23.8	--	7.6	92
24	1128	0.8	500	515	7.8	29.7	--	8.2	109
24	1128	3.3	500	512	7.8	29.2	--	8.0	106
24	1129	13	500	515	7.6	28.9	--	7.1	94
24	1129	27	500	516	7.6	28.8	--	7.0	93
September									
20	1102	1.5	500	684	7.6	23.5	--	6.9	82
20	1102	6.0	500	684	7.6	23.5	--	7.0	83
20	1104	10	500	684	7.6	23.5	--	6.9	82
20	1103	20	500	684	7.6	23.5	--	6.7	80
October									
05	1627	1.1	500	605	7.4	21.7	--	6.6	76
05	1627	3.4	500	609	7.4	21.7	--	6.5	75
05	1628	12	500	615	7.4	21.6	--	6.3	73
05	1628	23	500	618	7.4	21.7	--	6.4	74

Table 12. *Water-quality data for station 392227081293701, Ohio River at river mile 175.5, back channel, June to October, 1995, 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									
19	1344	1.2	500	545	7.6	19.0	--	8.3	90
19	1345	3.0	500	543	7.6	18.6	--	8.2	88
19	1346	10	500	544	7.6	18.3	--	7.8	84
19	1345	21	500	545	7.5	18.2	--	7.8	84

Table 13. *Water-quality data for station 392139081312801, Ohio River at river mile 177.2, main channel, June to October, 1995.*

[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									
29	1237	0.4	1,200	423	7.7	27.9	--	7.6	99
29	1237	3.0	1,200	433	7.7	28.1	--	7.5	98
29	1238	9.8	1,200	424	7.6	27.4	--	7.3	95
29	1238	19	1,200	426	7.6	27.4	--	7.4	95
July									
13	1437	0.5	1,200	505	8.6	32.5	--	10.5	147
13	1438	3.4	1,200	489	8.6	28.8	--	10.8	142
13	1441	9.7	1,200	482	8.4	28.0	--	9.6	124
13	1440	20	1,200	502	8.3	27.8	--	9.2	119
27	1317	0.4	1,200	555	7.6	32.5	--	6.7	95
27	1318	3.3	1,200	537	7.6	29.5	--	7.1	94
27	1319	10	1,200	533	7.6	29.0	--	6.9	92
27	1318	21	1,200	533	7.6	28.9	--	6.8	90
August									
10	1432	1.0	1,200	388	7.7	27.1	--	7.5	96
10	1432	3.1	1,200	380	7.6	25.0	--	7.5	92
10	1433	10	1,200	374	7.7	24.4	--	7.5	91
10	1433	20	1,200	377	7.7	24.4	--	7.5	91
24	1150	0.4	1,200	537	7.8	32.0	--	7.5	104
24	1150	3.3	1,200	517	7.8	29.6	--	7.4	99
24	1151	9.2	1,200	516	7.7	29.0	--	7.2	95
24	1151	18	1,200	514	7.7	28.9	--	6.9	91
September									
06	1241	0.2	1,200	532	7.8	30.4	--	8.7	118
06	1242	3.0	1,200	550	7.8	29.8	--	9.0	119
06	1243	9.6	1,200	549	7.6	26.9	--	7.7	98
06	1243	20	1,200	549	7.5	26.8	--	7.4	94
20	1119	1.8	1,200	681	7.6	23.3	--	6.9	83
20	1119	5.3	1,200	681	7.6	23.3	--	6.8	81
20	1121	14	1,200	682	7.6	23.3	--	6.7	79
20	1120	28	1,200	683	7.6	23.3	--	6.6	79

Table 13. *Water-quality data for station 392139081312801, Ohio River at river mile 177.2, main channel, June to October, 1995, 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									
05	1617	0.6	1,200	599	7.5	24.2	--	6.8	82
05	1617	3.1	1,200	644	7.5	22.4	--	6.8	79
05	1618	10	1,200	619	7.4	21.7	--	6.5	76
05	1618	19	1,200	622	7.4	21.7	--	6.6	76
19	1352	0.4	1,200	551	7.6	20.7	--	8.2	93
19	1353	3.1	1,200	552	7.6	20.5	--	8.1	91
19	1354	9.7	1,200	545	7.6	18.4	--	7.9	85
19	1353	20	1,200	549	7.6	18.3	--	7.9	85

Table 14. *Water-quality data for station 392131081312301, Ohio River at river mile 177.2, back channel, June to October, 1995.*

[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									
29	1233	0.5	500	424	7.7	27.7	--	7.5	97
29	1233	2.9	500	424	7.6	27.5	--	7.4	96
29	1235	10	500	423	7.6	27.5	--	7.3	94
29	1234	20	500	425	7.6	27.4	--	7.3	94
July									
13	1432	0.5	500	475	8.8	29.7	--	12.2	163
13	1432	3.0	500	474	8.6	28.3	--	10.9	142
13	1435	9.9	500	486	8.3	27.8	--	9.3	120
13	1434	20	500	496	8.3	27.7	--	9.0	116
27	1313	0.5	500	525	7.7	29.6	--	7.4	99
27	1314	3.3	500	520	7.6	29.0	--	7.0	92
27	1315	8.6	500	520	7.5	28.9	--	6.8	90
27	1314	18	500	519	7.5	28.8	--	6.7	88
August									
10	1428	1.3	500	377	7.7	25.8	--	7.6	95
10	1428	3.6	500	375	7.7	25.4	--	7.6	94
10	1429	11	500	375	7.7	24.3	--	7.5	91
10	1429	21	500	377	7.7	24.3	--	7.5	91
24	1122	0.5	500	510	8.0	29.3	--	8.4	112
24	1123	3.6	500	515	7.9	28.9	--	8.0	106
24	1124	13	500	515	7.6	28.7	--	6.8	89
24	1123	25	500	517	7.6	28.7	--	6.7	87
September									
06	1238	0.2	500	552	8.1	28.6	--	9.7	127
06	1239	2.9	500	549	7.6	27.1	--	8.0	102
06	1240	12	500	548	7.5	26.8	--	7.0	89
06	1239	17	500	548	7.5	26.8	--	6.9	88
20	1116	1.6	500	720	7.8	25.0	--	7.3	89
20	1116	2.9	500	713	7.7	24.8	--	7.2	88
20	1117	9.8	500	703	7.6	24.0	--	6.9	84
20	1117	20	500	691	7.7	23.6	--	6.9	83

Table 14. *Water-quality data for station 392131081312301, Ohio River at river mile 177.2, back channel, June to October, 1995, 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									
05	1620	0.7	500	586	7.5	21.6	--	6.8	79
05	1620	3.4	500	612	7.4	21.6	--	6.6	77
05	1622	14	500	620	7.4	21.5	--	6.5	75
05	1621	27	500	622	7.4	21.5	--	6.6	76
19	1349	0.5	500	547	7.6	18.7	--	8.4	91
19	1349	3.2	500	548	7.6	18.3	--	8.1	87
19	1350	7.5	500	546	7.6	18.3	--	8.0	85
19	1350	15	500	547	7.5	18.1	--	7.6	81

Table 15. *Water-quality data for station 392042081330101, Ohio River at river mile 179.0, June to October, 1995.*

[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									
29	1245	0.2	800	431	7.6	27.5	--	7.4	95
29	1245	3.1	800	432	7.6	27.5	--	7.3	95
29	1246	11	800	436	7.6	27.5	--	7.3	94
29	1246	23	800	438	7.6	27.4	--	7.3	94
July									
13	1447	0.5	800	513	8.8	29.2	--	13.0	172
13	1448	3.5	800	512	8.6	28.2	--	10.9	143
13	1452	14	800	514	8.3	27.4	--	8.7	112
13	1450	19	800	515	8.2	27.4	--	8.6	110
27	1322	0.3	800	530	7.7	30.0	--	7.5	100
27	1322	3.3	800	530	7.6	29.4	--	7.4	98
27	1323	13	800	531	7.5	29.0	--	6.7	89
27	1323	26	800	528	7.5	29.0	--	6.7	89
August									
10	1438	1.1	800	383	7.7	26.1	--	7.5	95
10	1438	3.8	800	379	7.7	24.7	--	7.4	91
10	1440	11	800	377	7.7	24.6	--	7.3	90
10	1439	21	800	381	7.7	24.6	--	7.4	90
24	1117	0.4	800	523	7.8	29.4	--	7.7	102
24	1117	3.4	800	524	7.7	29.1	--	7.5	99
24	1118	13	800	520	7.7	29.0	--	6.8	90
24	1118	26	800	521	7.7	28.9	--	6.8	89
September									
06	1250	0.3	800	552	8.3	28.7	--	10.7	139
06	1250	2.9	800	554	8.3	28.4	--	10.7	139
06	1252	9.7	800	553	7.7	27.6	--	8.2	105
06	1251	20	800	554	7.7	27.6	--	7.9	102
20	1126	1.0	800	690	7.6	23.8	--	6.7	81
20	1126	3.4	800	688	7.6	23.8	--	6.8	81
20	1128	13	800	690	7.6	23.8	--	6.8	81
20	1127	25	800	692	7.6	23.8	--	6.8	81

Table 15. *Water-quality data for station 392042081330101, Ohio River at river mile 179.0, June to October, 1995, 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									
05	1609	0.2	800	614	7.5	21.8	--	7.1	83
05	1609	2.7	800	617	7.5	21.8	--	7.0	81
05	1611	10	800	621	7.4	21.7	--	7.0	81
05	1610	20	800	624	7.4	21.7	--	6.9	80
19	1359	0.5	800	553	7.6	19.6	--	8.1	90
19	1359	3.2	800	551	7.5	19.3	--	7.8	86
19	1401	12	800	542	7.5	18.7	--	7.6	83
19	1400	25	800	546	7.5	18.7	--	7.5	82

Table 16. *Water-quality data for station 391822081334701, Ohio River at river mile 181.8, June to October, 1995.*

[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									
29	1337	0.4	500	428	7.7	27.7	--	7.6	99
29	1337	3.1	500	428	7.6	27.6	--	7.6	98
29	1338	11	500	428	7.6	27.5	--	7.3	94
29	1338	24	500	433	7.6	27.5	--	7.3	94
July									
13	1459	0.4	500	496	8.6	29.8	--	11.7	157
13	1500	3.0	500	495	8.5	29.0	--	11.1	147
13	1501	12	500	492	8.1	28.0	--	8.9	116
13	1501	23	500	493	8.0	27.9	--	8.7	113
27	1329	0.4	500	547	7.7	30.2	--	7.6	103
27	1329	3.4	500	547	7.7	29.7	--	7.6	101
27	1330	12	500	542	7.6	29.3	--	7.0	93
27	1330	24	500	542	7.6	29.3	--	6.9	91
August									
10	1446	1.1	500	424	7.6	26.7	--	6.9	88
10	1446	3.6	500	422	7.6	26.1	--	6.9	87
10	1447	13	500	422	7.6	25.8	--	6.9	86
10	1447	23	500	422	7.6	25.8	--	6.9	86
24	1108	0.8	500	548	8.2	29.6	--	8.3	111
24	1109	3.3	500	551	8.0	29.1	--	7.6	100
24	1110	11	500	554	7.9	29.0	--	7.3	96
24	1109	23	500	553	7.9	29.0	--	7.2	95
September									
06	1300	0.2	500	551	7.8	28.1	--	8.3	107
06	1300	2.9	500	552	7.7	27.8	--	7.9	101
06	1302	11	500	552	7.6	27.6	--	7.5	97
06	1301	23	500	552	7.6	27.6	--	7.4	95
20	1136	1.0	500	674	7.6	23.7	--	6.7	81
20	1136	3.4	500	676	7.6	23.7	--	6.8	81
20	1138	12	500	674	7.6	23.8	--	6.7	81
20	1137	23	500	676	7.6	23.8	--	6.7	81

Table 16. *Water-quality data for station 391822081334701, Ohio River at river mile 181.8, June to October, 1995, 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									
05	1559	0.3	500	612	7.5	21.7	--	6.7	78
05	1600	2.9	500	619	7.5	21.7	--	6.7	77
05	1601	11	500	626	7.5	21.7	--	6.7	78
05	1600	23	500	622	7.5	21.7	--	6.7	77
19	1407	0.6	500	557	7.6	19.9	--	8.2	90
19	1407	3.3	500	555	7.5	19.0	--	7.8	85
19	1408	11	500	553	7.5	18.8	--	7.7	84
19	1408	23	500	554	7.5	18.7	--	7.7	84

Table 17. *Water-quality data for station 391720081334701, Ohio River at river mile 183.0, June to October, 1995.*

[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									
29	0458	0.2	300	401	7.5	27.3	--	7.1	92
29	0458	3.1	300	402	7.5	27.3	--	7.1	92
29	0459	5.3	300	398	7.5	27.3	--	7.1	92
29	0459	10	300	397	7.4	27.3	--	7.1	91
29	0500	15	300	398	7.4	27.3	--	7.1	91
29	0500	20	300	397	7.4	27.3	--	7.0	91
29	0501	23	300	389	7.4	27.3	--	7.0	90
29	0447	0.2	700	433	7.7	27.5	--	7.2	93
29	0447	2.9	700	433	7.6	27.5	--	7.2	93
29	0448	5.3	700	432	7.6	27.5	--	7.2	93
29	0448	9.9	700	434	7.6	27.5	--	7.2	93
29	0449	15	700	435	7.6	27.5	--	7.2	93
29	0449	20	700	440	7.6	27.5	--	7.2	93
29	0450	25	700	438	7.6	27.5	--	7.2	93
29	0450	26	700	435	7.7	27.5	--	7.2	93
29	0452	0.4	1,000	469	7.7	27.5	--	7.0	90
29	0452	3.2	1,000	468	7.7	27.6	--	7.0	90
29	0453	5.4	1,000	470	7.7	27.6	--	7.0	91
29	0453	10	1,000	470	7.7	27.6	--	7.0	90
29	0454	15	1,000	473	7.7	27.6	--	7.0	90
29	0454	20	1,000	470	7.7	27.6	--	7.0	90
29	1355	0.3	300	400	7.5	27.8	--	7.6	98
29	1355	3.2	300	400	7.5	27.7	--	7.6	98
29	1356	5.3	300	401	7.5	27.6	--	7.4	95
29	1356	9.6	300	406	7.5	27.5	--	7.3	94
29	1357	15	300	409	7.5	27.5	--	7.3	94
29	1357	18	300	405	7.5	27.5	--	7.3	94
29	1349	0.4	700	428	7.7	27.8	--	7.4	96
29	1349	2.9	700	420	7.7	27.9	--	7.8	102
29	1350	5.1	700	428	7.7	27.7	--	7.6	99
29	1350	9.6	700	436	7.6	27.5	--	7.4	95
29	1351	15	700	437	7.6	27.5	--	7.3	94
29	1352	20	700	434	7.6	27.5	--	7.3	94
29	1352	26	700	434	7.6	27.5	--	7.3	94
29	1353	28	700	432	7.6	27.5	--	7.3	94

Table 17. *Water-quality data for station 391720081334701, Ohio River at river mile 183.0, June to October, 1995, 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									
29	1345	0.3	1,000	459	7.9	28.2	--	8.0	104
29	1345	2.9	1,000	460	7.9	28.2	--	8.1	105
29	1346	4.8	1,000	459	7.8	27.8	--	7.9	103
29	1346	10	1,000	460	7.8	27.7	--	7.5	97
29	1347	17	1,000	460	7.7	27.7	--	7.5	97
29	1347	19	1,000	460	7.7	27.7	--	7.4	95
July									
13	0532	0.6	300	495	8.0	27.5	--	8.2	106
13	0532	3.7	300	495	8.0	27.5	--	8.2	106
13	0533	5.3	300	494	8.0	27.5	--	8.2	106
13	0533	10	300	495	8.0	27.6	--	8.2	106
13	0534	15	300	496	8.0	27.6	--	8.2	106
13	0534	20	300	495	7.9	27.5	--	7.9	102
13	0535	25	300	492	7.8	27.3	--	7.3	94
13	0535	27	300	495	7.7	27.3	--	7.3	94
13	0527	0.5	700	496	7.9	27.5	--	8.1	105
13	0527	3.3	700	496	7.9	27.5	--	8.1	105
13	0528	5.0	700	495	7.9	27.5	--	8.1	105
13	0528	9.9	700	496	7.9	27.5	--	8.2	105
13	0529	15	700	496	7.9	27.5	--	8.1	104
13	0529	20	700	496	7.9	27.5	--	8.0	103
13	0530	25	700	494	7.8	27.4	--	7.4	96
13	0530	26	700	494	7.8	27.4	--	7.4	95
13	0522	0.5	1,000	496	8.0	27.6	--	8.5	109
13	0522	3.1	1,000	496	8.0	27.6	--	8.5	110
13	0523	5.3	1,000	496	8.0	27.6	--	8.4	109
13	0523	10	1,000	496	8.0	27.6	--	8.3	108
13	0524	15	1,000	496	8.0	27.6	--	8.3	107
13	0524	20	1,000	496	8.0	27.6	--	8.3	107
13	0525	23	1,000	496	8.0	27.5	--	8.2	106

Table 17. *Water-quality data for station 391720081334701, Ohio River at river mile 183.0, June to October, 1995, 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									
13	1539	0.4	300	485	8.7	30.1	--	12.4	167
13	1539	2.8	300	493	8.7	30.2	--	12.6	170
13	1542	5.0	300	490	8.6	29.6	--	11.1	148
13	1543	10	300	493	8.0	27.6	--	8.7	112
13	1544	15	300	500	7.9	27.6	--	8.5	109
13	1545	19	300	499	7.9	27.5	--	8.1	104
13	1532	0.4	700	492	8.6	29.8	--	11.5	154
13	1532	3.3	700	492	8.3	28.3	2.0	10.0	131
13	1533	5.0	700	495	8.2	28.1	--	9.8	127
13	1534	10	700	497	8.1	27.9	--	9.1	118
13	1535	15	700	498	8.0	27.7	--	8.5	110
13	1536	20	700	495	7.9	27.6	--	8.2	106
13	1537	23	700	495	7.9	27.6	--	8.2	106
13	1548	0.4	1,000	494	8.7	30.3	--	10.1	136
13	1549	3.1	1,000	494	8.6	29.4	--	11.5	153
13	1549	4.9	1,000	494	8.5	29.1	--	10.7	142
13	1550	10	1,000	496	8.1	28.0	--	9.1	119
13	1551	15	1,000	498	8.1	28.0	--	9.0	116
13	1551	20	1,000	495	8.0	27.9	--	8.9	115
13	1552	23	1,000	499	8.0	27.9	--	9.0	116
14	1532	0.3	700	499	8.5	29.4	--	10.2	136
14	1532	1.0	700	499	8.6	29.6	--	10.4	138
14	1533	2.0	700	499	8.5	29.5	--	10.5	140
14	1534	3.1	700	499	8.6	29.4	--	10.5	140
14	1534	4.2	700	497	8.5	29.4	--	10.4	138
14	1535	5.1	700	496	8.5	28.8	--	10.0	132
14	1536	9.9	700	497	8.2	28.2	--	8.5	110
14	1537	27	700	500	8.1	28.0	--	8.0	104
27	0455	0.5	300	544	7.6	29.0	--	7.4	98
27	0455	3.7	300	542	7.6	29.0	--	7.3	97
27	0456	5.5	300	544	7.6	29.0	--	7.3	97
27	0456	10	300	544	7.6	29.0	--	7.2	96
27	0457	16	300	543	7.6	29.0	--	7.2	96
27	0457	21	300	546	7.6	29.0	--	7.2	96
27	0458	26	300	540	7.6	29.0	--	7.2	96

Table 17. *Water-quality data for station 391720081334701, Ohio River at river mile 183.0, June to October, 1995, 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									
27	0450	0.5	700	550	7.6	29.1	--	7.4	99
27	0450	3.6	700	548	7.6	29.1	--	7.4	98
27	0451	5.6	700	548	7.6	29.1	--	7.3	97
27	0451	11	700	548	7.6	29.1	--	7.3	97
27	0452	16	700	547	7.6	29.1	--	7.3	97
27	0452	21	700	547	7.6	29.1	--	7.3	97
27	0453	25	700	548	7.6	29.1	--	7.2	96
27	0453	26	700	548	7.6	29.1	--	7.3	97
27	0446	0.5	1,000	562	7.7	29.1	--	7.5	99
27	0446	3.6	1,000	558	7.6	29.1	--	7.4	98
27	0447	5.9	1,000	559	7.6	29.2	--	7.4	98
27	0447	10	1,000	558	7.6	29.2	--	7.4	98
27	0448	16	1,000	563	7.6	29.2	--	7.3	98
27	0448	20	1,000	561	7.6	29.1	--	7.3	97
27	1334	0.6	300	531	7.8	29.9	--	8.4	112
27	1334	3.1	300	530	7.7	29.3	--	7.6	101
27	1335	5.1	300	528	7.6	29.2	--	7.3	97
27	1335	10	300	527	7.5	29.0	--	6.9	91
27	1336	15	300	527	7.5	29.0	--	6.8	90
27	1336	20	300	526	7.5	29.0	--	6.8	90
27	1337	25	300	527	7.5	29.0	--	6.8	89
27	1345	0.2	700	535	7.7	29.8	--	7.7	103
27	1345	3.0	700	535	7.7	30.0	--	7.8	104
27	1346	5.1	700	537	7.7	29.6	3.5	7.5	100
27	1347	10	700	538	7.6	29.4	--	7.2	96
27	1347	15	700	539	7.6	29.2	--	6.8	91
27	1348	20	700	543	7.5	29.1	--	6.6	88
27	1348	25	700	547	7.5	29.1	--	6.6	87
27	1349	27	700	545	7.5	29.1	--	6.6	88

Table 17. *Water-quality data for station 391720081334701, Ohio River at river mile 183.0, June to October, 1995, 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									
27	1339	0.6	1,000	551	7.9	30.5	--	8.4	113
27	1339	3.1	1,000	554	7.9	29.8	--	8.3	111
27	1340	5.0	1,000	554	7.8	29.5	--	7.6	101
27	1340	10	1,000	554	7.6	29.2	--	7.0	92
27	1341	15	1,000	552	7.6	29.2	--	6.8	90
27	1341	20	1,000	553	7.6	29.2	--	6.8	90
27	1342	24	1,000	553	7.6	29.2	--	6.7	89
August									
10	1513	0.9	300	419	7.6	27.6	--	7.0	90
10	1513	3.5	300	415	7.6	26.2	--	6.7	84
10	1514	5.5	300	415	7.5	26.1	--	6.6	84
10	1514	10	300	414	7.5	26.0	--	6.6	83
10	1515	15	300	416	7.5	26.0	--	6.6	83
10	1515	20	300	411	7.5	25.9	--	6.5	82
10	1516	23	300	410	7.5	25.9	--	6.4	81
10	1518	1.1	700	420	7.6	27.5	--	7.0	90
10	1518	3.4	700	417	7.6	26.4	--	6.8	86
10	1519	5.5	700	415	7.6	26.2	--	6.7	84
10	1519	10	700	417	7.6	26.1	--	6.7	84
10	1520	15	700	415	7.5	26.1	--	6.7	84
10	1520	20	700	420	7.6	26.0	--	6.7	85
10	1521	25	700	420	7.6	26.1	--	6.7	84
10	1521	28	700	417	7.6	26.1	--	6.7	84
10	1523	1.0	1,000	424	7.6	26.7	--	6.8	86
10	1523	3.4	1,000	419	7.6	26.3	--	6.8	86
10	1524	5.5	1,000	419	7.6	26.1	--	6.8	85
10	1524	10	1,000	419	7.6	26.1	--	6.8	85
10	1525	15	1,000	416	7.6	26.1	--	6.8	85
10	1525	20	1,000	417	7.6	26.1	--	6.7	85
10	1526	25	1,000	418	7.6	26.1	--	6.7	84

Table 17. *Water-quality data for station 391720081334701, Ohio River at river mile 183.0, June to October, 1995, 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									
24	0559	0.5	300	546	7.8	29.2	--	7.3	97
24	0559	2.9	300	552	7.9	29.2	--	7.3	97
24	0600	5.2	300	550	7.8	29.2	--	7.2	96
24	0600	10	300	552	7.8	29.2	--	7.2	95
24	0601	15	300	554	7.8	29.2	--	7.2	95
24	0601	20	300	552	7.8	29.2	--	7.2	96
24	0602	25	300	553	7.8	29.2	--	7.2	95
24	0604	0.4	700	551	7.8	29.2	--	7.3	97
24	0604	3.3	700	541	7.8	29.2	--	7.3	96
24	0605	5.8	700	545	7.8	29.2	--	7.3	96
24	0605	9.8	700	546	7.8	29.2	--	7.3	96
24	0606	15	700	547	7.8	29.2	--	7.2	96
24	0606	20	700	543	7.8	29.2	--	7.2	96
24	0607	25	700	552	7.8	29.2	--	7.2	96
24	0607	27	700	541	7.8	29.2	--	7.2	95
24	0609	0.8	1,000	542	7.8	29.2	--	7.2	95
24	0609	3.3	1,000	541	7.8	29.2	--	7.2	95
24	0610	5.4	1,000	542	7.8	29.2	--	7.2	95
24	0610	9.8	1,000	542	7.8	29.2	--	7.2	95
24	0611	15	1,000	544	7.8	29.2	--	7.1	95
24	0611	20	1,000	543	7.8	29.2	--	7.1	94
24	0612	23	1,000	549	7.8	29.2	--	6.9	92
24	1248	0.8	300	554	8.4	30.8	--	10.3	140
24	1248	3.3	300	555	8.3	29.6	--	9.3	124
24	1249	5.1	300	553	8.2	29.3	--	9.0	119
24	1249	10	300	554	8.0	29.0	--	7.6	101
24	1250	15	300	556	7.9	29.0	--	7.4	97
24	1250	20	300	550	7.9	28.9	--	7.2	95
24	1251	25	300	549	7.9	28.9	--	7.3	96
24	1251	26	300	549	7.9	28.9	--	7.3	96

Table 17. *Water-quality data for station 391720081334701, Ohio River at river mile 183.0, June to October, 1995, 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									
24	1242	1.1	700	554	8.1	29.6	--	8.3	111
24	1242	3.4	700	553	8.0	29.1	2.5	7.6	100
24	1243	5.4	700	555	7.9	29.1	--	7.5	99
24	1243	10	700	554	7.9	29.1	--	7.3	97
24	1244	15	700	553	7.9	29.0	--	7.3	96
24	1244	20	700	551	7.9	29.0	--	7.2	95
24	1245	25	700	550	7.9	28.9	--	7.1	93
24	1245	28	700	550	7.8	28.9	--	7.0	92
24	1238	0.4	1,000	550	8.5	30.7	--	10.6	144
24	1238	3.3	1,000	553	8.5	29.9	--	10.8	145
24	1239	5.2	1,000	553	8.1	29.3	--	8.4	112
24	1239	9.9	1,000	556	7.9	29.1	--	7.4	98
24	1240	15	1,000	556	7.9	29.1	--	7.4	97
24	1240	16	1,000	550	7.9	29.1	--	7.2	96
September									
06	0517	0.3	300	546	7.7	27.3	--	7.6	97
06	0517	2.5	300	549	7.7	27.3	--	7.6	97
06	0518	4.7	300	546	7.7	27.4	--	7.6	97
06	0518	9.7	300	545	7.7	27.3	--	7.2	93
06	0519	15	300	549	7.7	27.4	--	7.2	93
06	0519	20	300	547	7.7	27.3	--	7.2	92
06	0520	25	300	543	7.7	27.3	--	7.1	90
06	0520	27	300	544	7.7	27.3	--	7.0	89
06	0512	0.4	700	546	7.7	27.4	--	7.6	97
06	0515	3.0	700	547	7.7	27.4	--	7.5	96
06	0512	5.0	700	550	7.7	27.4	--	7.5	97
06	0513	9.5	700	551	7.7	27.4	--	7.5	96
06	0513	15	700	547	7.7	27.4	--	7.5	96
06	0514	20	700	549	7.7	27.4	--	7.5	95
06	0515	22	700	545	7.7	27.4	--	7.2	92
06	0514	24	700	551	7.7	27.4	--	7.4	95

Table 17. *Water-quality data for station 391720081334701, Ohio River at river mile 183.0, June to October, 1995, 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									
06	0507	0.4	1,000	547	7.7	27.3	--	7.5	95
06	0507	3.1	1,000	547	7.7	27.4	--	7.5	96
06	0508	4.7	1,000	549	7.7	27.4	--	7.5	96
06	0508	9.6	1,000	549	7.7	27.4	--	7.5	96
06	0509	15	1,000	548	7.7	27.4	--	7.5	96
06	0509	20	1,000	549	7.7	27.4	--	7.5	96
06	0510	21	1,000	546	7.7	27.4	--	7.3	93
06	1335	0.8	300	548	8.1	28.4	--	9.8	127
06	1335	2.9	300	549	8.2	28.3	--	9.9	129
06	1336	5.2	300	549	8.1	28.0	--	9.7	125
06	1336	9.4	300	548	7.8	27.6	--	8.4	107
06	1337	15	300	548	7.6	27.2	--	7.7	98
06	1337	18	300	548	7.6	27.2	--	7.5	95
06	1352	0.7	700	548	8.2	28.6	--	9.8	128
06	1352	2.9	700	548	7.9	28.1	--	9.0	116
06	1353	5.1	700	550	7.7	27.5	--	7.8	99
06	1353	9.6	700	550	7.6	27.5	--	7.6	97
06	1354	15	700	551	7.6	27.4	--	7.5	96
06	1354	19	700	550	7.6	27.4	--	7.5	96
06	1355	24	700	542	7.6	27.3	--	7.5	96
06	1355	27	700	544	7.6	27.3	--	7.5	95
06	1357	0.6	1,000	547	8.1	28.3	--	9.3	121
06	1357	2.9	1,000	551	7.8	27.8	--	8.1	105
06	1358	4.9	1,000	550	7.7	27.6	--	7.9	101
06	1358	9.7	1,000	548	7.6	27.5	--	7.5	96
06	1359	15	1,000	551	7.6	27.4	--	7.5	96
06	1359	20	1,000	551	7.6	27.3	--	7.4	95
06	1400	24	1,000	551	7.6	27.2	--	7.3	93
20	0520	0.4	300	681	7.5	24.0	--	6.5	79
20	0520	2.9	300	681	7.5	24.0	--	6.4	77
20	0521	5.2	300	680	7.5	24.0	--	6.3	76
20	0521	9.8	300	680	7.5	24.0	--	6.3	77
20	0522	15	300	681	7.5	24.0	--	6.3	76
20	0522	20	300	682	7.5	24.0	--	6.3	76
20	0523	25	300	680	7.5	24.0	--	6.3	76
20	0523	27	300	680	7.5	24.0	--	6.1	74

Table 17. *Water-quality data for station 391720081334701, Ohio River at river mile 183.0, June to October, 1995, 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									
20	0525	0.3	700	678	7.5	23.9	--	6.5	79
20	0525	3.3	700	684	7.5	24.0	--	6.5	79
20	0526	5.2	700	679	7.5	24.0	--	6.4	78
20	0526	9.8	700	678	7.5	23.9	--	6.4	77
20	0527	15	700	680	7.5	24.0	--	6.4	78
20	0527	20	700	678	7.5	24.0	--	6.4	77
20	0528	25	700	682	7.5	24.0	--	6.3	76
20	0528	27	700	684	7.5	24.0	--	6.2	75
20	0530	0.5	1,000	681	7.5	23.9	--	5.8	71
20	0530	3.2	1,000	683	7.5	23.9	--	6.2	75
20	0531	5.4	1,000	681	7.5	23.9	--	6.2	75
20	0531	9.8	1,000	679	7.5	23.9	--	6.1	74
20	0532	15	1,000	681	7.5	23.9	--	6.1	74
20	0532	20	1,000	680	7.5	23.9	--	6.0	73
20	0533	24	1,000	681	7.5	23.9	--	6.1	74
20	1217	0.6	300	684	7.6	23.7	--	6.3	75
20	1218	3.0	300	686	7.5	23.8	--	6.2	75
20	1218	5.1	300	685	7.5	23.8	--	6.2	74
20	1219	9.9	300	686	7.5	23.8	--	6.2	74
20	1219	14	300	686	7.5	23.8	--	6.1	74
20	1220	19	300	685	7.5	23.8	--	5.9	71
20	1223	1.2	700	687	7.6	23.8	--	6.4	77
20	1223	3.2	700	686	7.5	23.8	--	6.4	77
20	1224	5.7	700	687	7.5	23.8	--	6.3	76
20	1224	10	700	686	7.5	23.8	--	6.4	77
20	1225	15	700	686	7.5	23.8	--	6.3	76
20	1225	20	700	687	7.5	23.8	--	6.3	76
20	1226	25	700	685	7.5	23.8	--	6.3	76
20	1226	26	700	686	7.5	23.8	--	6.2	75

Table 17. *Water-quality data for station 391720081334701, Ohio River at river mile 183.0, June to October, 1995, 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									
20	1228	0.5	1,000	673	7.5	23.8	--	6.5	78
20	1229	3.0	1,000	686	7.5	23.8	--	6.4	77
20	1229	5.0	1,000	687	7.5	23.8	--	6.4	77
20	1230	10	1,000	687	7.5	23.9	--	6.5	78
20	1231	15	1,000	686	7.5	23.9	--	6.5	78
20	1231	20	1,000	686	7.5	23.9	--	6.4	77
20	1232	23	1,000	687	7.5	23.9	--	6.3	76
October									
05	0816	0.5	300	621	7.3	21.7	--	6.7	77
05	0816	3.1	300	627	7.3	21.7	--	6.7	77
05	0817	5.0	300	627	7.3	21.7	--	6.7	77
05	0817	9.9	300	629	7.3	21.7	--	6.7	77
05	0818	15	300	634	7.3	21.7	--	6.7	77
05	0818	20	300	639	7.3	21.7	--	6.7	77
05	0819	21	300	636	7.3	21.7	--	6.6	76
05	0809	0.5	700	631	7.3	21.8	--	6.8	79
05	0809	3.2	700	641	7.3	21.8	--	6.8	79
05	0810	5.2	700	642	7.3	21.8	--	6.7	78
05	0810	10	700	642	7.3	21.8	--	6.7	78
05	0811	15	700	645	7.3	21.8	--	6.7	78
05	0811	20	700	652	7.3	21.8	--	6.7	77
05	0812	25	700	636	7.3	21.8	--	6.7	77
05	0804	0.2	1,000	630	7.3	21.7	--	7.0	81
05	0804	2.9	1,000	635	7.3	21.8	--	6.8	78
05	0805	5.1	1,000	637	7.3	21.8	--	6.8	78
05	0806	10	1,000	642	7.3	21.8	--	6.7	78
05	0806	15	1,000	641	7.3	21.7	--	6.7	78
05	0807	17	1,000	640	7.3	21.7	--	6.7	78
05	1539	0.4	300	617	7.5	21.7	--	6.7	78
05	1539	3.2	300	622	7.5	21.7	--	6.6	77
05	1540	4.9	300	622	7.5	21.7	--	6.6	77
05	1540	10	300	629	7.5	21.7	--	6.7	77
05	1541	15	300	625	7.5	21.6	--	6.6	76
05	1541	20	300	620	7.5	21.6	--	6.5	75
05	1542	24	300	621	7.5	21.6	--	6.5	75

Table 17. *Water-quality data for station 391720081334701, Ohio River at river mile 183.0, June to October, 1995, 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									
05	1544	0.2	700	617	7.5	21.7	--	6.8	79
05	1544	2.8	700	624	7.5	21.7	2.0	6.7	77
05	1545	4.7	700	623	7.5	21.7	--	6.7	77
05	1545	9.8	700	630	7.5	21.7	--	6.6	77
05	1546	15	700	633	7.5	21.7	--	6.6	77
05	1546	20	700	635	7.5	21.7	--	6.6	77
05	1547	25	700	633	7.5	21.7	--	6.7	77
05	1547	28	700	639	7.5	21.7	--	6.7	77
05	1549	0.2	1,000	617	7.5	21.8	--	7.0	81
05	1549	2.7	1,000	621	7.5	21.8	--	6.7	78
05	1550	4.7	1,000	622	7.5	21.7	--	6.7	78
05	1550	9.5	1,000	627	7.5	21.7	--	6.7	77
05	1551	14	1,000	630	7.5	21.7	--	6.6	76
05	1551	20	1,000	630	7.5	21.7	--	6.6	76
05	1552	21	1,000	632	7.5	21.7	--	6.5	76
19	0638	0.4	300	551	7.6	18.6	--	7.6	83
19	0638	3.0	300	550	7.6	18.6	--	7.4	81
19	0641	5.0	300	549	7.6	18.6	--	7.4	80
19	0639	10	300	547	7.6	18.6	--	7.4	80
19	0640	15	300	551	7.6	18.6	--	7.4	80
19	0640	20	300	544	7.6	18.6	--	7.3	79
19	0633	0.9	700	552	7.6	18.6	--	7.5	82
19	0633	3.2	700	553	7.6	18.7	--	7.5	81
19	0634	5.5	700	548	7.6	18.7	--	7.4	80
19	0634	10	700	554	7.6	18.7	--	7.4	81
19	0635	15	700	554	7.6	18.7	--	7.4	81
19	0635	20	700	550	7.6	18.7	--	7.4	81
19	0636	25	700	548	7.6	18.7	--	7.4	80
19	0628	0.9	1,000	548	7.6	18.6	--	7.5	82
19	0628	3.0	1,000	547	7.6	18.6	--	7.6	82
19	0629	5.7	1,000	548	7.6	18.6	--	7.5	82
19	0630	10	1,000	548	7.6	18.6	--	7.5	81
19	0630	15	1,000	548	7.6	18.6	--	7.5	82
19	0631	20	1,000	548	7.6	18.6	--	7.3	79
19	0631	21	1,000	550	7.6	18.6	--	7.3	79

Table 17. *Water-quality data for station 391720081334701, Ohio River at river mile 183.0, June to October, 1995, 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									
19	1422	0.9	300	553	7.6	19.9	--	8.1	90
19	1422	3.3	300	552	7.6	19.6	--	8.0	88
19	1423	5.1	300	554	7.6	19.3	--	8.0	87
19	1423	9.9	300	553	7.5	19.0	--	7.9	86
19	1424	15	300	553	7.5	18.8	--	7.7	83
19	1424	20	300	549	7.5	18.7	--	7.7	83
19	1425	24	300	553	7.5	18.7	--	7.5	81
19	1417	0.4	700	554	7.6	19.9	--	8.2	90
19	1417	3.1	700	555	7.6	19.4	2.5	8.0	87
19	1418	5.1	700	552	7.5	18.9	--	7.7	84
19	1418	10	700	554	7.5	18.9	--	7.7	83
19	1419	15	700	555	7.5	18.8	--	7.6	83
19	1419	20	700	553	7.5	18.7	--	7.5	82
19	1420	25	700	547	7.5	18.6	--	7.6	82
19	1420	28	700	552	7.5	18.6	--	7.5	81
19	1412	1.1	1,000	554	7.6	19.7	--	8.1	90
19	1412	3.1	1,000	555	7.6	19.5	--	8.0	88
19	1413	5.0	1,000	555	7.5	19.0	--	7.8	85
19	1413	10	1,000	553	7.5	18.9	--	7.6	83
19	1414	15	1,000	555	7.5	18.9	--	7.6	83
19	1414	20	1,000	555	7.5	18.9	--	7.6	82

Table 18. *Water-quality data for station 391559081341201, Ohio River at river mile 184.6, June to October, 1995.*

[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									
29	0435	0.2	300	406	7.5	27.3	--	7.1	91
29	0434	2.9	300	406	7.5	27.3	--	7.1	91
29	0434	5.7	300	408	7.5	27.3	--	7.1	91
29	0433	10	300	407	7.5	27.3	--	7.0	91
29	0432	15	300	406	7.5	27.3	--	7.1	92
29	0432	20	300	405	7.5	27.3	--	7.1	91
29	0431	26	300	397	7.4	27.3	--	7.0	90
29	0431	30	300	378	7.4	27.1	--	6.9	89
29	0430	36	300	341	7.3	26.6	--	6.8	86
29	0437	0.3	600	431	7.6	27.4	--	7.1	92
29	0437	3.1	600	428	7.6	27.5	--	7.1	92
29	0438	4.9	600	435	7.6	27.4	--	7.1	92
29	0438	9.6	600	436	7.6	27.5	--	7.1	92
29	0439	15	600	439	7.6	27.5	--	7.1	92
29	0439	20	600	431	7.6	27.4	--	7.1	92
29	0440	25	600	417	7.6	27.3	--	7.1	91
29	0440	30	600	382	7.5	27.0	--	7.1	90
29	0441	35	600	383	7.4	26.9	--	6.9	88
29	0441	37	600	356	7.4	26.7	--	6.7	86
29	0443	0.3	900	467	7.7	27.5	--	6.9	89
29	0443	3.0	900	472	7.7	27.5	--	6.8	88
29	0444	5.1	900	470	7.7	27.5	--	6.8	88
29	0444	9.5	900	474	7.7	27.5	--	6.8	88
29	0445	15	900	469	7.7	27.5	--	6.8	88
29	0445	18	900	471	7.7	27.5	--	6.8	88
July									
13	0443	0.4	300	492	8.1	27.7	--	8.7	112
13	0442	3.1	300	491	8.0	27.7	--	8.6	112
13	0442	5.2	300	491	8.0	27.7	--	8.7	112
13	0441	9.9	300	492	8.0	27.7	--	8.7	112
13	0440	15	300	490	7.9	27.6	--	8.2	105
13	0440	20	300	483	7.8	27.5	--	7.9	102
13	0439	26	300	475	7.7	27.4	--	7.8	101
13	0439	30	300	468	7.7	27.4	--	7.8	100
13	0438	36	300	278	7.4	25.9	--	5.9	74

Table 18. *Water-quality data for station 391559081341201, Ohio River at river mile 184.6, June to October, 1995, 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									
13	0515	0.4	600	490	8.1	27.7	--	8.7	112
13	0514	3.2	600	490	8.1	27.7	--	8.7	112
13	0514	5.3	600	490	8.1	27.7	--	8.7	112
13	0513	10	600	490	8.0	27.7	--	8.6	111
13	0513	15	600	491	8.0	27.6	--	8.3	108
13	0512	20	600	491	7.9	27.5	--	7.9	102
13	0512	25	600	478	7.8	27.4	--	7.7	99
13	0511	30	600	446	7.7	27.2	--	7.5	96
13	0511	34	600	362	7.5	26.6	--	6.5	83
13	0452	0.5	900	488	8.0	27.6	--	8.4	108
13	0451	3.4	900	492	8.0	27.6	--	8.4	108
13	0451	5.1	900	490	8.0	27.6	--	8.4	108
13	0450	10	900	490	8.0	27.6	--	8.3	108
13	0450	15	900	491	7.9	27.6	--	8.3	108
13	0449	20	900	489	7.9	27.5	--	8.2	106
13	0449	26	900	441	7.6	27.1	--	7.2	92
13	1626	0.4	300	492	8.7	30.0	--	12.8	172
13	1626	3.0	300	493	8.7	29.6	--	12.8	170
13	1627	5.2	300	494	8.5	29.1	--	11.5	153
13	1628	9.9	300	499	8.2	28.0	--	11.1	144
13	1628	15	300	497	8.0	27.6	--	8.4	109
13	1629	20	300	497	7.9	27.5	--	8.3	107
13	1629	25	300	488	7.9	27.5	--	8.2	106
13	1630	30	300	483	7.9	27.5	--	8.1	105
13	1631	34	300	478	7.9	27.5	--	8.1	104
13	1619	0.9	600	495	8.5	29.2	--	11.2	149
13	1618	3.0	600	494	8.5	29.1	--	11.6	153
13	1618	5.2	600	495	8.4	28.7	--	10.5	138
13	1617	10	600	498	8.0	27.7	--	8.4	109
13	1616	15	600	499	7.9	27.6	--	8.2	105
13	1616	20	600	496	7.9	27.5	--	8.1	105
13	1615	25	600	496	7.9	27.5	--	8.1	105
13	1614	31	600	497	7.9	27.5	--	8.0	103
13	1614	34	600	349	7.5	26.4	--	6.3	79

Table 18. *Water-quality data for station 391559081341201, Ohio River at river mile 184.6, June to October, 1995, 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									
13	1608	0.2	900	496	8.3	28.4	--	10.1	132
13	1608	2.9	900	498	8.0	27.7	--	8.5	109
13	1609	5.1	900	499	7.9	27.6	--	8.3	107
13	1609	10	900	499	7.9	27.6	--	8.2	105
13	1610	16	900	495	7.9	27.5	--	8.1	104
13	1610	21	900	501	7.9	27.5	--	7.9	102
13	1611	25	900	502	7.9	27.5	--	7.9	102
27	0507	0.6	300	544	7.6	28.9	--	7.1	94
27	0506	3.4	300	545	7.6	28.9	--	7.1	94
27	0505	5.5	300	545	7.6	28.9	--	7.1	94
27	0505	11	300	546	7.6	28.9	--	7.1	94
27	0504	16	300	544	7.6	28.9	--	7.1	94
27	0503	21	300	542	7.6	28.9	--	7.1	94
27	0502	25	300	543	7.6	28.9	--	7.1	94
27	0502	31	300	538	7.5	28.8	--	7.0	92
27	0501	36	300	535	7.5	28.8	--	7.0	93
27	0509	0.6	600	549	7.6	28.9	--	7.1	94
27	0509	3.6	600	550	7.6	28.9	--	7.0	94
27	0510	5.2	600	550	7.6	28.9	--	7.0	93
27	0510	11	600	551	7.6	29.0	--	7.0	93
27	0511	16	600	550	7.6	28.9	--	7.0	93
27	0511	21	600	547	7.6	28.9	--	7.0	93
27	0512	26	600	544	7.6	28.9	--	7.0	93
27	0512	31	600	544	7.6	28.9	--	7.0	93
27	0513	34	600	544	7.6	28.9	--	6.9	92
27	0515	0.8	900	551	7.6	28.9	--	7.0	92
27	0515	3.7	900	551	7.6	28.9	--	7.0	93
27	0516	5.2	900	551	7.6	28.9	--	7.0	93
27	0516	10	900	552	7.6	28.9	--	6.9	92
27	0517	16	900	551	7.6	28.9	--	6.9	92
27	0517	21	900	551	7.6	28.8	--	6.9	91

Table 18. *Water-quality data for station 391559081341201, Ohio River at river mile 184.6, June to October, 1995, 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									
27	1400	0.5	300	544	7.8	30.0	--	7.8	105
27	1400	3.1	300	543	7.7	29.3	--	7.3	97
27	1401	4.9	300	541	7.6	29.2	--	7.1	94
27	1401	10	300	542	7.6	29.1	--	7.0	93
27	1402	15	300	542	7.6	29.1	--	7.0	93
27	1402	20	300	541	7.6	29.1	--	6.9	92
27	1403	25	300	541	7.6	29.1	--	6.9	91
27	1403	30	300	542	7.6	29.1	--	6.9	91
27	1404	35	300	544	7.6	29.1	--	6.9	91
27	1404	37	300	540	7.6	29.1	--	6.9	91
27	1407	0.6	600	544	7.7	29.7	--	7.4	99
27	1407	3.1	600	547	7.6	29.3	--	7.1	94
27	1408	5.0	600	545	7.6	29.2	3.5	6.9	91
27	1408	10	600	551	7.6	29.2	--	6.9	91
27	1409	15	600	552	7.6	29.2	--	6.8	90
27	1409	20	600	554	7.6	29.2	--	6.8	90
27	1410	25	600	554	7.6	29.2	--	6.8	90
27	1411	30	600	542	7.5	29.1	--	6.8	90
27	1411	31	600	554	7.5	29.1	--	6.8	90
27	1413	0.3	900	549	7.7	30.3	--	7.4	100
27	1413	3.3	900	549	7.6	29.3	--	7.1	94
27	1416	5.0	900	549	7.7	29.4	--	7.2	96
27	1414	10	900	545	7.6	29.2	--	6.8	90
27	1414	15	900	551	7.6	29.2	--	6.8	90
27	1415	20	900	547	7.6	29.2	--	6.8	90
27	1415	25	900	549	7.5	29.1	--	6.8	90
August									
10	1541	1.1	300	407	7.6	25.9	--	6.7	84
10	1541	3.6	300	402	7.5	25.6	--	6.6	82
10	1542	5.7	300	403	7.5	25.6	--	6.6	82
10	1542	10	300	403	7.5	25.6	--	6.5	81
10	1543	15	300	399	7.5	25.6	--	6.5	81
10	1543	20	300	395	7.5	25.6	--	6.5	81
10	1544	25	300	375	7.5	25.3	--	6.5	81
10	1544	30	300	364	7.5	25.3	--	6.5	81
10	1545	35	300	361	7.5	25.2	--	6.5	81

Table 18. *Water-quality data for station 391559081341201, Ohio River at river mile 184.6, June to October, 1995, 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									
10	1535	1.4	600	409	7.6	25.9	<0.5	6.6	83
10	1535	3.6	600	408	7.5	25.8	--	6.6	82
10	1536	5.6	600	406	7.5	25.8	--	6.5	82
10	1536	10	600	407	7.5	25.7	--	6.5	81
10	1537	15	600	406	7.5	25.7	--	6.5	81
10	1537	20	600	404	7.5	25.7	--	6.5	81
10	1538	25	600	402	7.5	25.7	--	6.5	81
10	1538	30	600	389	7.5	25.5	--	6.5	80
10	1539	35	600	371	7.5	25.2	--	6.4	80
10	1539	37	600	327	7.5	24.9	--	6.4	79
10	1530	1.2	900	383	7.5	25.8	--	6.6	82
10	1530	3.9	900	406	7.5	25.7	--	6.5	82
10	1531	5.7	900	406	7.5	25.6	--	6.5	81
10	1531	10	900	406	7.5	25.6	--	6.5	81
10	1532	15	900	405	7.5	25.6	--	6.5	81
10	1532	20	900	406	7.5	25.6	--	6.5	81
10	1533	25	900	406	7.5	25.6	--	6.5	81
10	1533	27	900	406	7.5	25.6	--	6.4	80
24	0535	0.7	300	550	7.9	29.4	--	7.5	100
24	0535	2.8	300	546	8.0	29.4	--	7.5	100
24	0536	4.9	300	545	8.0	29.4	--	7.5	100
24	0536	10	300	545	8.0	29.4	--	7.5	100
24	0537	15	300	552	8.0	29.4	--	7.5	100
24	0537	20	300	546	8.0	29.4	--	7.5	100
24	0538	25	300	543	8.0	29.4	--	7.5	100
24	0538	30	300	551	8.0	29.4	--	7.5	99
24	0539	35	300	381	7.5	28.4	--	5.3	69
24	0539	38	300	345	7.4	28.2	--	5.3	69
24	0542	0.5	600	553	8.0	29.3	--	7.5	99
24	0542	2.9	600	540	7.9	29.4	--	7.4	98
24	0543	5.1	600	546	7.9	29.4	--	7.4	98
24	0543	10	600	552	7.9	29.4	--	7.4	99
24	0544	15	600	554	7.9	29.4	--	7.4	98
24	0544	20	600	550	7.9	29.4	--	7.4	99
24	0545	25	600	550	7.9	29.4	--	7.6	101

Table 18. *Water-quality data for station 391559081341201, Ohio River at river mile 184.6, June to October, 1995, 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									
24	0549	0.9	900	551	7.9	29.3	--	7.2	96
24	0550	3.1	900	544	7.9	29.3	--	7.4	98
24	0550	5.0	900	556	7.9	29.3	--	7.4	98
24	0551	10	900	543	7.9	29.3	--	7.4	98
24	0551	15	900	540	7.9	29.3	--	7.4	98
24	0552	20	900	543	7.9	29.3	--	7.1	95
24	1309	0.4	300	545	8.3	30.7	--	9.5	130
24	1309	3.1	300	544	8.2	29.7	--	9.2	123
24	1310	5.2	300	546	8.0	29.3	--	7.9	105
24	1311	10	300	547	7.9	29.2	--	7.3	97
24	1311	15	300	549	7.9	29.2	--	7.2	95
24	1312	20	300	546	7.8	29.2	--	7.2	95
24	1313	25	300	543	7.8	29.1	--	6.9	92
24	1313	30	300	540	7.8	29.1	--	6.9	91
24	1314	35	300	537	7.8	29.1	--	7.0	92
24	1315	37	300	537	7.8	29.1	--	6.8	90
24	1317	0.4	600	546	8.3	30.4	--	9.7	131
24	1317	3.3	600	547	8.0	29.3	2.5	7.9	105
24	1318	5.4	600	550	7.9	29.3	--	7.5	100
24	1319	10	600	547	7.9	29.2	--	7.4	98
24	1319	15	600	548	7.8	29.2	--	7.3	96
24	1320	20	600	547	7.8	29.1	--	7.1	94
24	1320	25	600	548	7.8	29.1	--	7.1	93
24	1321	30	600	546	7.8	29.1	--	7.1	94
24	1323	0.4	900	545	8.3	30.4	--	9.7	132
24	1323	3.2	900	549	8.0	29.3	--	7.8	104
24	1324	5.2	900	550	7.9	29.2	--	7.3	97
24	1324	9.9	900	549	7.8	29.2	--	7.1	94
24	1325	15	900	546	7.8	29.1	--	7.1	95
24	1325	20	900	548	7.8	29.1	--	7.0	93
24	1326	24	900	546	7.8	29.1	--	6.7	89

Table 18. *Water-quality data for station 391559081341201, Ohio River at river mile 184.6, June to October, 1995, 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									
06	0457	0.5	300	548	7.8	27.3	--	7.7	98
06	0457	2.9	300	544	7.8	27.3	--	7.6	97
06	0458	5.9	300	546	7.8	27.4	--	7.6	97
06	0458	10	300	545	7.8	27.4	--	7.6	97
06	0459	15	300	545	7.8	27.3	--	7.6	97
06	0459	20	300	545	7.8	27.3	--	7.5	96
06	0449	1.1	600	544	7.8	27.3	--	7.7	98
06	0450	3.3	600	546	7.8	27.4	--	7.6	97
06	0452	5.0	600	547	7.8	27.4	--	7.6	98
06	0450	10	600	547	7.8	27.4	--	7.7	98
06	0451	15	600	546	7.8	27.4	--	7.6	98
06	0452	20	600	543	7.8	27.4	--	7.6	97
06	0453	25	600	539	7.7	27.4	--	7.5	96
06	0455	30	600	535	7.7	27.3	--	7.4	95
06	0454	35	600	540	7.7	27.4	--	7.5	96
06	0454	38	600	535	7.8	27.4	--	7.4	95
06	0443	1.2	900	544	7.8	27.3	--	7.7	98
06	0443	3.4	900	545	7.8	27.4	--	7.7	99
06	0444	4.9	900	545	7.8	27.4	--	7.8	100
06	0444	10	900	545	7.8	27.4	--	7.7	99
06	0445	15	900	546	7.8	27.4	--	7.7	98
06	0445	20	900	544	7.8	27.4	--	7.7	98
06	0446	25	900	547	7.8	27.4	--	7.6	98
06	0446	30	900	546	7.8	27.4	--	7.6	97
06	0447	34	900	545	7.8	27.3	--	7.7	99
06	1421	0.4	300	547	7.9	28.0	--	8.9	115
06	1421	2.8	300	548	7.9	27.7	--	8.4	108
06	1422	5.0	300	548	7.7	27.4	--	7.5	96
06	1422	9.6	300	549	7.7	27.3	--	7.3	93
06	1423	15	300	547	7.6	27.3	--	7.4	94
06	1423	19	300	549	7.6	27.3	--	7.1	91
06	1424	25	300	543	7.6	27.2	--	7.1	90
06	1424	30	300	541	7.6	27.2	--	7.1	90
06	1425	35	300	540	7.6	27.2	--	7.0	89
06	1425	36	300	542	7.6	27.2	--	6.8	87

Table 18. *Water-quality data for station 391559081341201, Ohio River at river mile 184.6, June to October, 1995, 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									
06	1415	0.5	600	549	8.1	28.6	--	9.1	119
06	1415	2.9	600	548	7.8	27.6	2.0	8.1	104
06	1416	4.9	600	547	7.7	27.5	--	7.6	98
06	1416	9.5	600	546	7.7	27.4	--	7.5	96
06	1417	15	600	549	7.7	27.3	--	7.4	94
06	1417	20	600	547	7.6	27.3	--	7.1	91
06	1418	25	600	545	7.6	27.2	--	7.0	90
06	1418	30	600	547	7.6	27.2	--	7.0	89
06	1419	34	600	545	7.6	27.2	--	7.0	89
06	1410	0.2	900	546	8.1	28.4	--	9.5	123
06	1410	2.8	900	546	8.1	28.3	--	9.5	124
06	1411	4.8	900	545	8.1	28.0	--	9.4	122
06	1411	9.8	900	547	7.6	27.3	--	7.3	93
06	1412	15	900	549	7.6	27.3	--	7.2	92
06	1412	20	900	549	7.6	27.2	--	7.1	90
06	1413	22	900	550	7.6	27.2	--	6.8	87
20	0543	0.5	300	673	7.5	23.9	--	6.4	77
20	0542	3.1	300	672	7.5	23.9	--	6.3	76
20	0542	5.1	300	675	7.5	23.9	--	6.3	76
20	0541	10	300	671	7.5	23.9	--	6.3	76
20	0540	15	300	671	7.5	23.9	--	6.3	76
20	0540	20	300	675	7.5	23.9	--	6.2	75
20	0539	25	300	677	7.4	23.9	--	6.3	76
20	0538	30	300	650	7.4	23.8	--	6.1	74
20	0538	36	300	533	7.3	23.5	--	5.6	68
20	0552	0.6	600	674	7.5	23.9	--	6.4	77
20	0551	3.3	600	672	7.5	23.9	--	6.5	79
20	0550	5.0	600	675	7.5	23.9	--	6.5	79
20	0549	9.9	600	675	7.5	23.9	--	6.4	78
20	0549	15	600	675	7.5	23.9	--	6.4	78
20	0548	20	600	675	7.5	23.9	--	6.4	78
20	0547	25	600	676	7.5	23.9	--	6.6	80
20	0546	31	600	674	7.5	23.9	--	6.3	77
20	0546	32	600	675	7.5	23.9	--	6.4	78

Table 18. *Water-quality data for station 391559081341201, Ohio River at river mile 184.6, June to October, 1995, 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									
20	0557	0.9	900	675	7.5	23.9	--	7.0	85
20	0557	3.2	900	673	7.5	23.9	--	6.4	77
20	0558	5.3	900	673	7.5	23.9	--	6.3	76
20	0559	10	900	672	7.5	23.9	--	6.4	77
20	0600	15	900	672	7.5	23.9	--	6.2	76
20	0601	20	900	675	7.5	23.9	--	6.2	76
20	0602	23	900	674	7.5	23.9	--	6.3	76
20	1249	0.7	300	680	7.6	23.8	--	7.1	85
20	1249	2.9	300	681	7.5	23.9	--	7.3	88
20	1250	5.0	300	680	7.5	23.9	--	6.3	76
20	1250	9.7	300	678	7.5	23.9	--	6.4	77
20	1251	15	300	681	7.5	23.9	--	6.4	77
20	1251	20	300	682	7.5	23.9	--	6.3	75
20	1252	25	300	679	7.5	23.9	--	6.4	77
20	1252	30	300	679	7.5	23.9	--	6.4	77
20	1253	34	300	678	7.5	23.9	--	6.3	75
20	1253	36	300	680	7.5	23.9	--	6.3	76
20	1255	1.2	600	678	7.5	23.9	--	6.4	77
20	1255	2.9	600	680	7.5	23.9	--	6.3	76
20	1256	5.1	600	678	7.5	23.9	--	6.3	76
20	1256	10	600	681	7.5	23.9	--	6.4	76
20	1257	15	600	683	7.5	23.9	--	6.3	76
20	1257	20	600	678	7.5	23.9	--	6.4	77
20	1258	25	600	679	7.5	23.9	--	6.4	77
20	1258	26	600	683	7.5	23.9	--	6.3	75
20	1304	0.7	900	680	7.5	23.9	--	6.4	76
20	1303	2.9	900	681	7.5	23.9	--	6.3	76
20	1303	5.0	900	679	7.5	23.9	--	6.3	76
20	1302	10	900	680	7.5	23.9	--	6.3	76
20	1301	14	900	681	7.5	23.9	--	6.3	76
20	1301	20	900	680	7.5	23.9	--	6.3	76
20	1300	25	900	680	7.5	23.9	--	6.3	76

Table 18. *Water-quality data for station 391559081341201, Ohio River at river mile 184.6, June to October, 1995, 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									
05	0726	1.0	300	633	7.4	21.7	--	6.7	78
05	0727	2.8	300	641	7.4	21.7	--	6.8	78
05	0727	5.1	300	644	7.3	21.8	--	6.8	79
05	0728	9.8	300	628	7.3	21.7	--	6.6	76
05	0729	15	300	617	7.3	21.7	--	6.6	76
05	0730	20	300	619	7.3	21.7	--	6.5	75
05	0731	24	300	616	7.3	21.7	--	6.5	75
05	0733	29	300	611	7.3	21.6	--	6.4	74
05	0732	32	300	591	7.3	21.6	--	6.2	71
05	0736	0.4	600	642	7.3	21.7	--	6.8	79
05	0736	2.9	600	648	7.3	21.8	--	6.9	80
05	0737	4.5	600	645	7.3	21.8	--	6.9	80
05	0738	9.8	600	647	7.3	21.8	--	6.9	80
05	0738	15	600	648	7.3	21.8	--	6.8	79
05	0739	19	600	606	7.3	21.5	--	6.6	76
05	0740	25	600	580	7.2	21.5	--	6.2	72
05	0740	30	600	587	7.2	21.5	--	6.2	72
05	0741	34	600	581	7.2	21.5	--	6.2	71
05	0748	0.5	900	643	7.4	21.8	--	7.1	82
05	0749	3.0	900	646	7.3	21.8	--	7.0	81
05	0750	4.8	900	648	7.3	21.8	--	6.9	80
05	0750	9.6	900	651	7.3	21.8	--	6.8	79
05	0751	15	900	655	7.3	21.8	--	6.8	79
05	0752	20	900	643	7.3	21.7	--	6.7	77
05	0753	25	900	619	7.1	21.2	--	5.4	62
05	0754	30	900	431	7.1	21.1	--	5.2	60
05	1451	0.2	300	624	7.5	21.8	--	6.8	78
05	1451	3.1	300	625	7.5	21.8	--	6.7	78
05	1452	5.1	300	628	7.5	21.8	--	6.7	77
05	1453	9.9	300	516	7.4	21.3	--	6.7	77
05	1453	15	300	607	7.4	21.7	--	6.2	71
05	1454	20	300	475	7.3	21.1	--	5.7	65
05	1454	25	300	477	7.2	21.1	--	5.4	62
05	1455	30	300	395	7.2	20.8	--	5.3	60
05	1456	35	300	404	7.2	20.8	--	5.0	57

Table 18. *Water-quality data for station 391559081341201, Ohio River at river mile 184.6, June to October, 1995, 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									
05	1459	1.0	600	625	7.5	21.8	--	6.8	78
05	1500	3.2	600	627	7.5	21.8	--	6.7	78
05	1500	5.1	600	631	7.5	21.8	--	6.7	78
05	1501	10	600	636	7.5	21.8	--	6.7	77
05	1502	14	600	627	7.5	21.8	--	6.7	78
05	1503	21	600	428	7.3	20.9	--	5.4	61
05	1503	25	600	445	7.2	21.0	--	5.1	58
05	1504	27	600	355	7.1	20.6	--	4.7	53
05	1505	36	600	316	7.1	20.4	--	4.5	51
05	1508	0.7	900	625	7.5	21.8	--	6.8	79
05	1509	2.8	900	631	7.5	21.8	--	6.8	79
05	1509	4.9	900	632	7.5	21.8	--	6.8	79
05	1510	9.9	900	638	7.5	21.8	--	6.7	77
05	1511	15	900	582	7.4	21.5	--	6.3	73
05	1512	20	900	268	7.1	20.3	--	4.3	48
19	0612	0.6	300	546	7.6	18.4	--	7.4	80
19	0612	3.2	300	547	7.6	18.4	--	7.4	81
19	0611	5.7	300	551	7.6	18.4	--	7.4	81
19	0611	10	300	554	7.6	18.4	--	7.4	80
19	0610	16	300	544	7.6	18.4	--	7.4	80
19	0610	20	300	551	7.6	18.4	--	7.4	80
19	0609	25	300	525	7.5	18.2	--	7.3	78
19	0609	30	300	422	7.4	17.3	--	7.2	76
19	0608	35	300	277	7.3	15.8	--	7.2	73
19	0608	37	300	252	7.3	15.6	--	7.1	73
19	0614	0.5	600	551	7.6	18.4	--	7.7	83
19	0614	3.2	600	545	7.6	18.5	--	7.6	82
19	0615	5.4	600	552	7.6	18.5	--	7.5	81
19	0615	9.9	600	542	7.6	18.5	--	7.4	81
19	0616	15	600	547	7.6	18.5	--	7.4	81
19	0616	20	600	496	7.6	17.9	--	7.3	79
19	0617	25	600	360	7.5	16.5	--	7.1	74
19	0617	30	600	267	7.4	15.6	--	7.1	73
19	0618	32	600	259	7.3	15.6	--	7.1	73

Table 18. *Water-quality data for station 391559081341201, Ohio River at river mile 184.6, June to October, 1995, 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									
19	0623	0.8	900	547	7.6	18.4	--	7.4	80
19	0622	3.3	900	545	7.6	18.4	--	7.4	80
19	0622	5.1	900	545	7.6	18.4	--	7.4	80
19	0621	10	900	549	7.6	18.4	--	7.3	79
19	0621	15	900	540	7.5	18.3	--	7.3	79
19	0620	21	900	398	7.5	16.9	--	7.3	77
19	0620	23	900	374	7.4	16.7	--	7.2	75
19	1433	1.1	300	552	7.5	18.8	--	7.8	85
19	1433	3.1	300	550	7.5	18.9	--	7.8	85
19	1434	5.0	300	553	7.5	18.8	--	7.8	85
19	1434	9.9	300	553	7.5	18.7	--	7.7	83
19	1435	15	300	554	7.5	18.7	--	7.7	83
19	1435	20	300	547	7.5	18.7	--	7.7	83
19	1436	25	300	526	7.5	18.5	--	7.7	83
19	1436	30	300	503	7.5	18.1	--	7.7	82
19	1437	35	300	337	7.3	16.1	--	7.4	76
19	1437	37	300	305	7.3	15.9	--	7.4	76
19	1439	0.4	600	552	7.5	19.3	--	7.9	86
19	1439	3.1	600	552	7.5	18.7	2.5	7.7	83
19	1440	5.2	600	550	7.5	18.7	--	7.7	83
19	1440	9.9	600	551	7.5	18.7	--	7.7	83
19	1441	15	600	530	7.5	18.4	--	7.6	81
19	1441	20	600	508	7.5	18.2	--	7.6	81
19	1442	25	600	444	7.4	17.3	--	7.3	77
19	1442	30	600	340	7.3	16.3	--	7.4	76
19	1444	0.6	900	553	7.5	19.3	--	8.0	88
19	1444	3.1	900	552	7.5	18.8	--	7.9	86
19	1445	5.2	900	552	7.5	18.7	--	7.8	84
19	1445	9.9	900	552	7.5	18.7	--	7.7	83
19	1446	15	900	552	7.5	18.7	--	7.6	83
19	1446	20	900	509	7.5	18.3	--	7.6	82
19	1447	22	900	453	7.4	17.6	--	7.3	77

Table 19. *Water-quality data for station 391628081360401, Ohio River at river mile 186.5, main channel, June to October, 1995.*

[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									
29	1442	0.2	2,600	382	7.5	27.4	--	7.6	98
29	1443	3.0	2,600	382	7.5	27.2	--	7.4	95
29	1444	14	2,600	380	7.5	27.1	--	7.1	91
29	1445	28	2,600	380	7.5	27.1	--	7.1	91
July									
13	1709	0.4	2,600	488	8.6	30.0	--	11.3	152
13	1710	3.1	2,600	489	8.5	29.2	--	10.4	138
13	1712	13	2,600	491	8.0	27.8	--	8.4	109
13	1711	27	2,600	492	8.0	27.7	--	8.4	108
27	1426	0.4	2,600	542	7.9	30.6	--	8.2	112
27	1426	3.3	2,600	541	7.9	30.1	--	8.1	109
27	1427	15	2,600	544	7.6	29.3	--	7.1	94
27	1427	29	2,600	547	7.6	29.3	--	7.1	94
August									
10	1829	1.1	2,600	404	7.6	26.3	--	6.6	83
10	1829	3.6	2,600	397	7.5	25.8	--	6.5	81
10	1830	16	2,600	398	7.5	25.6	--	6.4	80
10	1830	28	2,600	391	7.5	25.5	--	6.4	79
24	1046	0.4	2,600	544	8.1	29.4	--	8.1	107
24	1046	3.2	2,600	544	8.1	29.4	--	7.8	104
24	1048	13	2,600	545	8.0	29.3	--	7.2	96
24	1047	27	2,600	546	7.9	29.3	--	7.2	95
September									
06	1431	0.2	2,600	548	8.1	28.6	--	9.5	124
06	1431	2.9	2,600	546	7.8	27.6	--	8.3	106
06	1433	9.2	2,600	547	7.7	27.3	--	7.5	95
06	1432	18	2,600	549	7.6	27.3	--	7.1	91
20	1318	0.7	2,600	665	7.5	23.7	--	6.3	75
20	1318	3.0	2,600	665	7.5	23.7	--	6.2	74
20	1320	14	2,600	662	7.5	23.7	--	6.2	74
20	1319	28	2,600	660	7.5	23.7	--	6.0	72

Table 19. *Water-quality data for station 391628081360401, Ohio River at river mile 186.5, main channel, June to October, 1995, 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									
05	1104	0.3	2,600	599	7.3	21.6	--	6.8	79
05	1104	3.1	2,600	604	7.3	21.6	--	6.8	78
05	1106	13	2,600	613	7.3	21.6	--	6.7	77
05	1105	26	2,600	616	7.3	21.7	--	6.7	77
19	1455	0.3	2,600	535	7.5	18.7	--	8.1	88
19	1456	3.1	2,600	536	7.5	18.6	--	7.9	85
19	1457	13	2,600	538	7.5	18.5	--	7.8	84
19	1456	27	2,600	531	7.5	18.5	--	7.8	84

Table 20. *Water-quality data for station 391604081361301, Ohio River at river mile 186.5, back channel, June to October, 1995.*

[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									
29	1455	0.7	400	390	7.6	28.0	--	7.8	102
29	1455	3.1	400	370	7.5	27.2	--	7.6	98
29	1456	10	400	370	7.4	27.1	--	7.1	91
29	1457	20	400	364	7.4	27.0	--	7.1	91
July									
13	1637	0.5	400	490	8.3	28.3	--	9.6	126
13	1637	3.2	400	490	8.0	27.6	--	8.5	110
13	1639	10	400	488	7.8	27.5	--	7.8	101
13	1638	21	400	486	7.8	27.5	--	7.9	102
27	1431	0.4	400	535	8.1	30.5	--	8.5	116
27	1431	3.1	400	541	7.7	29.4	--	7.3	97
27	1433	11	400	537	7.6	29.3	--	7.2	96
27	1432	21	400	544	7.6	29.3	--	7.1	95
August									
10	1825	1.0	400	392	7.6	26.7	--	6.5	83
10	1825	3.8	400	389	7.5	25.6	--	6.4	80
10	1826	11	400	377	7.5	25.4	--	6.3	79
10	1826	21	400	371	7.5	25.2	--	6.4	79
24	1051	0.4	400	543	8.3	29.6	--	9.1	121
24	1052	3.3	400	542	8.1	29.4	--	7.9	105
24	1052	9.1	400	541	7.9	29.3	--	7.0	93
24	1053	19	400	541	7.9	29.3	--	--	--
September									
06	1436	0.2	400	547	8.2	28.8	--	9.7	127
06	1437	2.8	400	544	7.9	27.6	--	8.6	110
06	1438	13	400	545	7.6	27.3	--	7.2	92
06	1437	19	400	546	7.6	27.3	--	7.1	91
20	1309	0.6	400	659	7.5	23.7	--	6.1	73
20	1310	3.0	400	660	7.5	23.7	--	6.1	73
20	1311	11	400	659	7.5	23.7	--	6.2	74
20	1310	19	400	658	7.5	23.7	--	6.1	73

Table 20. *Water-quality data for station 391604081361301, Ohio River at river mile 186.5, back channel, June to October, 1995, 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									
05	1110	0.3	400	616	7.3	21.7	--	6.7	78
05	1110	2.9	400	621	7.3	21.7	--	6.7	78
05	1116	9.6	400	630	7.3	21.7	--	6.7	77
05	1113	21	400	633	7.3	21.7	--	6.6	76
19	1451	0.5	400	544	7.6	19.2	--	8.2	90
19	1451	3.0	400	544	7.6	19.2	--	8.1	89
19	1452	9.7	400	518	7.5	18.2	--	7.6	81
19	1452	21	400	494	7.4	17.9	--	7.4	78

Table 21. *Water-quality data for station 391636081384701, Ohio River at river mile 189.0, main channel, June to October, 1995.*

[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									
29	1513	0.3	2,400	391	7.6	27.6	--	7.4	96
29	1514	3.0	2,400	392	7.5	27.5	--	7.1	92
29	1515	12	2,400	391	7.5	27.3	--	7.0	90
29	1514	26	2,400	397	7.5	27.3	--	7.0	91
July									
13	1723	0.6	2,400	481	8.7	30.3	--	12.0	163
13	1723	2.9	2,400	480	8.5	28.9	--	10.7	142
13	1724	13	2,400	480	7.9	27.7	--	8.2	106
13	1724	26	2,400	480	7.9	27.5	--	8.3	107
27	1445	0.4	2,400	538	8.2	29.9	--	9.3	125
27	1445	3.3	2,400	541	7.8	29.3	--	7.5	100
27	1446	13	2,400	542	7.6	29.1	--	7.0	93
27	1446	26	2,400	542	7.6	29.1	--	7.0	92
August									
10	1814	1.1	2,400	379	7.6	26.6	--	6.7	85
10	1814	3.5	2,400	381	7.5	25.8	--	6.5	82
10	1815	13	2,400	386	7.5	25.0	--	6.4	78
10	1815	26	2,400	378	7.5	25.0	--	6.3	78
24	1039	0.5	2,400	554	8.4	30.0	--	9.0	122
24	1039	3.5	2,400	548	8.1	29.5	--	7.8	104
24	1040	13	2,400	548	8.1	29.4	--	7.4	98
24	1040	25	2,400	547	8.0	29.4	--	7.1	95
September									
06	1455	0.2	2,400	569	8.3	30.3	--	9.6	129
06	1455	2.8	2,400	540	8.2	28.5	--	9.7	127
06	1456	12	2,400	540	7.6	27.4	--	7.1	90
06	1455	25	2,400	537	7.6	27.4	--	6.9	88
20	1343	0.9	2,400	656	7.6	23.7	--	6.3	75
20	1343	2.9	2,400	656	7.5	23.7	--	6.2	75
20	1345	13	2,400	655	7.5	23.7	--	6.2	74
20	1344	26	2,400	656	7.5	23.7	--	6.1	73

Table 21. *Water-quality data for station 391636081384701, Ohio River at river mile 189.0, main channel, June to October, 1995, 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									
05	1135	0.5	2,400	629	7.3	21.7	--	6.8	79
05	1134	2.8	2,400	630	7.3	21.7	--	6.8	79
05	1134	12	2,400	642	7.3	21.7	--	6.7	78
05	1133	24	2,400	643	7.3	21.7	--	6.7	77
19	1504	0.9	2,400	536	7.6	19.4	--	7.8	86
19	1504	3.2	2,400	536	7.6	19.2	--	7.8	85
19	1506	13	2,400	537	7.5	18.6	--	7.6	82
19	1505	25	2,400	536	7.5	18.4	--	7.6	82

Table 22. *Water-quality data for station 391616081385001, Ohio River at river mile 189.0, back channel, June to October, 1995.*

[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									
29	1505	0.2	500	388	7.6	28.3	--	7.7	101
29	1506	3.2	500	387	7.5	27.6	--	7.5	96
29	1508	14	500	379	7.4	27.3	--	7.0	90
29	1507	29	500	378	7.4	27.2	--	7.0	90
July									
13	1731	0.4	500	481	8.8	30.6	--	13.0	177
13	1730	3.1	500	483	8.7	30.1	--	12.8	172
13	1730	15	500	481	7.8	27.4	--	7.6	98
13	1729	30	500	470	7.6	27.2	--	6.9	88
27	1438	0.5	500	533	8.1	30.0	--	9.1	122
27	1439	3.0	500	531	7.9	29.7	--	8.3	111
27	1440	15	500	535	7.6	29.1	--	7.1	93
27	1439	30	500	536	7.6	29.0	--	6.9	91
August									
10	1819	1.0	500	386	7.6	26.7	--	6.8	86
10	1819	3.6	500	388	7.6	26.0	--	6.6	83
10	1820	16	500	383	7.5	24.8	--	6.3	78
10	1820	31	500	383	7.5	24.8	--	6.3	78
24	1033	0.5	500	544	8.3	29.7	--	8.6	115
24	1033	3.3	500	546	8.0	29.4	--	7.0	94
24	1035	15	500	546	7.9	29.3	--	6.5	86
24	1034	31	500	545	7.9	29.2	--	6.5	86
September									
06	1444	0.2	500	537	8.5	29.0	--	11.3	148
06	1444	2.8	500	537	8.5	28.8	--	11.1	145
06	1446	12	500	541	7.6	27.4	--	7.0	89
06	1445	25	500	539	7.6	27.4	--	6.7	85
20	1351	1.1	500	651	7.5	23.5	--	6.0	71
20	1351	3.0	500	651	7.5	23.5	--	5.9	70
20	1352	15	500	651	7.5	23.5	--	5.7	68
20	1352	30	500	652	7.5	23.5	--	5.7	68

Table 22. *Water-quality data for station 391616081385001, Ohio River at river mile 189.0, back channel, June to October, 1995, 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									
05	1127	0.4	500	628	7.3	21.7	--	6.7	78
05	1126	3.4	500	626	7.3	21.7	--	6.8	78
05	1124	12	500	626	7.3	21.7	--	6.7	77
05	1122	27	500	638	7.3	21.7	--	6.5	75
19	1510	0.5	500	531	7.7	19.8	--	8.5	94
19	1510	3.2	500	523	7.5	18.4	--	7.7	83
19	1512	14	500	519	7.4	18.1	--	7.5	81
19	1511	30	500	511	7.4	18.1	--	7.4	79

Table 23. *Water-quality data for station 391601081411101, Ohio River at river mile 191.3, June to October, 1995.*

[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									
29	1520	0.2	600	405	7.6	28.0	--	7.4	96
29	1520	3.1	600	414	7.5	27.6	--	7.3	94
29	1522	16	600	414	7.5	27.5	--	6.9	89
29	1521	34	600	418	7.5	27.5	--	6.9	89
July									
13	1737	0.5	600	468	8.8	29.5	--	12.6	168
13	1737	3.3	600	468	8.7	29.2	--	12.3	164
13	1739	16	600	468	7.8	27.6	--	7.7	99
13	1738	33	600	464	7.7	27.2	--	6.8	88
27	1452	0.5	600	525	8.3	30.5	--	9.8	133
27	1452	3.3	600	529	7.8	29.4	--	7.8	104
27	1453	17	600	524	7.6	29.1	--	6.9	92
27	1453	35	600	521	7.6	28.9	--	6.6	87
August									
10	1807	0.9	600	485	7.8	27.6	--	7.3	95
10	1807	3.5	600	471	7.7	26.8	--	7.0	89
10	1808	18	600	443	7.6	25.6	--	6.7	83
10	1808	36	600	451	7.6	25.7	--	6.6	83
24	1026	0.4	600	522	8.3	29.8	--	8.6	116
24	1026	3.5	600	525	8.0	29.6	--	7.3	97
24	1028	17	600	521	8.0	29.5	--	6.9	93
24	1027	33	600	518	8.0	29.5	--	6.9	92
September									
06	1503	0.2	600	541	8.4	29.3	--	10.4	137
06	1503	2.9	600	538	8.4	28.5	--	10.2	133
06	1505	18	600	544	7.7	27.5	--	7.1	91
06	1504	36	600	542	7.7	27.4	--	6.8	88
20	1358	1.3	600	666	7.5	23.8	--	6.1	74
20	1359	3.3	600	666	7.5	23.8	--	6.1	73
20	1400	17	600	665	7.5	23.8	--	6.1	73
20	1359	31	600	663	7.5	23.8	--	6.0	72

Table 23. *Water-quality data for station 391601081411101, Ohio River at river mile 191.3, June to October, 1995, 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									
05	1144	0.3	600	638	7.4	22.0	--	6.9	81
05	1145	3.4	600	640	7.4	22.0	--	6.9	80
05	1152	15	600	635	7.4	22.0	--	6.8	79
05	1150	31	600	639	7.4	22.0	--	6.7	77
19	1518	0.6	600	542	7.5	18.7	--	7.8	84
19	1518	3.0	600	544	7.5	18.8	--	7.8	84
19	1519	14	600	546	7.5	18.8	--	7.8	85
19	1519	27	600	541	7.5	18.5	--	7.6	82

Table 24. *Water-quality data for station 391447081414201, Ohio River at river mile 192.9, June to October, 1995.*

[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									
29	0533	0.3	300	394	7.4	27.1	--	6.5	84
29	0533	3.0	300	394	7.4	27.1	--	6.5	83
29	0534	4.9	300	394	7.4	27.1	--	6.5	83
29	0534	9.9	300	394	7.4	27.1	--	6.5	83
29	0535	15	300	394	7.4	27.1	--	6.5	83
29	0535	20	300	394	7.4	27.1	--	6.5	83
29	0536	25	300	394	7.4	27.1	--	6.5	83
29	0536	30	300	394	7.4	27.1	--	6.5	83
29	0537	32	300	395	7.4	27.1	--	6.5	83
29	0528	0.2	600	394	7.4	27.0	--	6.5	84
29	0527	2.8	600	394	7.4	27.1	--	6.5	83
29	0527	4.8	600	394	7.4	27.1	--	6.5	83
29	0528	10	600	394	7.4	27.1	--	6.5	83
29	0529	15	600	394	7.4	27.1	--	6.5	83
29	0529	20	600	394	7.4	27.1	--	6.5	83
29	0530	25	600	394	7.4	27.1	--	6.5	83
29	0530	30	600	395	7.4	27.1	--	6.5	83
29	0531	33	600	394	7.4	27.1	--	6.5	84
29	0522	0.2	800	400	7.4	27.0	--	6.5	83
29	0522	3.0	800	401	7.4	27.0	--	6.4	82
29	0523	5.1	800	401	7.4	27.0	--	6.4	83
29	0523	10	800	400	7.4	27.0	--	6.4	83
29	0524	15	800	401	7.4	27.0	--	6.4	82
29	0524	20	800	401	7.4	27.0	--	6.4	82
29	0525	27	800	401	7.4	27.0	--	6.4	82
29	1538	0.5	300	416	7.6	28.3	--	7.4	97
29	1538	3.3	300	415	7.6	28.3	--	7.2	94
29	1539	5.0	300	413	7.4	27.4	--	6.7	87
29	1539	10	300	412	7.4	27.3	--	6.7	86
29	1540	15	300	411	7.4	27.3	--	6.6	85
29	1541	20	300	411	7.4	27.3	--	6.7	87
29	1541	25	300	412	7.4	27.3	--	6.6	85
29	1542	29	300	413	7.4	27.3	--	6.6	85

Table 24. *Water-quality data for station 391447081414201, Ohio River at river mile 192.9, June to October, 1995, 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									
29	1532	0.5	600	416	7.6	27.8	--	7.2	94
29	1532	3.0	600	417	7.5	27.6	1.5	7.1	92
29	1534	5.0	600	414	7.5	27.7	--	6.9	90
29	1533	10	600	421	7.5	27.5	--	7.1	92
29	1534	15	600	423	7.5	27.5	--	6.8	88
29	1535	20	600	423	7.5	27.5	--	6.8	87
29	1535	25	600	422	7.5	27.5	--	6.8	87
29	1536	30	600	425	7.5	27.5	--	6.7	87
29	1526	0.2	800	422	7.7	28.1	--	7.7	100
29	1527	3.1	800	424	7.7	28.0	--	7.4	96
29	1527	4.5	800	423	7.6	27.9	--	7.4	96
29	1528	9.6	800	423	7.6	27.7	--	7.2	93
29	1528	15	800	425	7.5	27.6	--	7.0	90
29	1529	20	800	422	7.5	27.7	--	7.0	90
29	1529	25	800	424	7.5	27.6	--	6.9	90
29	1530	27	800	423	7.5	27.7	--	6.9	90
July									
13	0555	0.5	300	468	7.7	27.1	--	7.5	96
13	0556	3.1	300	471	7.7	27.2	--	7.5	96
13	0556	5.3	300	472	7.7	27.2	--	7.5	96
13	0557	9.9	300	473	7.7	27.2	--	7.5	96
13	0557	15	300	471	7.7	27.2	--	7.5	96
13	0558	20	300	473	7.7	27.2	--	7.4	95
13	0558	25	300	472	7.7	27.2	--	7.4	95
13	0559	26	300	465	7.7	27.2	--	7.4	95
13	0601	0.5	600	471	7.7	27.2	--	7.5	96
13	0601	3.3	600	469	7.7	27.2	--	7.5	96
13	0602	5.2	600	470	7.7	27.2	--	7.5	96
13	0602	9.9	600	471	7.7	27.2	--	7.4	95
13	0603	15	600	469	7.7	27.2	--	7.5	95
13	0603	20	600	473	7.7	27.2	--	7.4	95
13	0604	25	600	470	7.7	27.2	--	7.4	94
13	0605	30	600	474	7.7	27.2	--	7.4	94
13	0605	35	600	467	7.7	27.2	--	7.4	95
13	0606	36	600	472	7.7	27.2	--	7.4	95

Table 24. *Water-quality data for station 391447081414201, Ohio River at river mile 192.9, June to October, 1995, 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									
13	0608	0.5	800	470	7.7	27.1	--	7.4	95
13	0608	3.2	800	473	7.7	27.2	--	7.4	95
13	0609	5.2	800	470	7.7	27.2	--	7.4	95
13	0609	10	800	469	7.7	27.2	--	7.4	95
13	0610	15	800	474	7.7	27.2	--	7.4	94
13	0610	20	800	468	7.7	27.2	--	7.2	93
13	0611	25	800	468	7.7	27.2	--	7.2	93
13	0611	30	800	471	7.6	27.2	--	7.2	92
13	0612	31	800	471	7.6	27.2	--	7.2	92
13	1804	0.6	300	468	9.0	31.4	--	13.3	183
13	1805	2.9	300	472	8.9	30.5	--	12.7	172
13	1805	5.1	300	481	8.1	28.2	--	8.8	115
13	1806	10	300	475	7.7	27.5	--	7.5	96
13	1807	15	300	471	7.7	27.4	--	7.0	90
13	1807	20	300	470	7.6	27.3	--	6.8	87
13	1808	25	300	469	7.6	27.3	--	6.7	86
13	1752	0.7	600	469	8.8	30.2	--	12.6	170
13	1752	3.2	600	471	8.6	29.1	--	10.9	144
13	1753	4.8	600	471	8.2	28.2	--	9.1	119
13	1754	9.8	600	468	7.8	27.5	--	7.7	99
13	1754	15	600	468	7.8	27.5	--	7.6	98
13	1755	20	600	467	7.7	27.4	--	7.4	95
13	1756	25	600	469	7.7	27.3	--	7.1	91
13	1756	30	600	468	7.6	27.2	--	6.7	86
13	1757	35	600	466	7.6	27.2	--	6.6	85
13	1758	37	600	468	7.6	27.2	--	6.6	84
13	1744	0.7	800	471	8.8	29.9	--	12.0	162
13	1744	3.1	800	470	8.7	29.1	--	12.0	159
13	1745	4.9	800	468	8.6	28.8	--	11.6	152
13	1746	10	800	469	8.0	27.8	--	8.6	112
13	1747	15	800	469	7.9	27.6	--	8.0	103
13	1748	20	800	470	7.8	27.6	--	7.9	101
13	1747	25	800	468	7.6	27.3	--	6.9	89
13	1749	28	800	469	7.6	27.2	--	6.7	86

Table 24. *Water-quality data for station 391447081414201, Ohio River at river mile 192.9, June to October, 1995, 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									
14	1615	0.5	800	479	8.3	29.3	--	9.4	125
14	1616	1.1	800	481	8.2	28.9	--	8.3	110
14	1616	1.9	800	482	8.0	28.4	--	8.1	106
14	1617	3.0	800	482	7.9	28.2	--	7.7	101
14	1618	4.1	800	483	7.9	28.2	--	7.6	98
14	1619	5.1	800	485	7.8	28.1	--	7.4	96
14	1619	10	800	482	7.8	28.1	--	7.6	99
14	1620	34	800	486	7.7	27.7	--	7.0	91
27	0549	0.5	300	496	7.6	28.7	--	6.7	88
27	0549	3.4	300	494	7.6	28.8	--	6.5	86
27	0550	5.1	300	495	7.6	28.8	--	6.4	84
27	0550	10	300	500	7.5	28.8	--	6.3	83
27	0551	15	300	502	7.5	28.8	--	6.2	82
27	0551	20	300	502	7.5	28.8	--	6.2	82
27	0552	25	300	498	7.5	28.8	--	6.2	81
27	0552	28	300	501	7.5	28.8	--	6.1	81
27	0554	0.6	600	500	7.5	28.8	--	6.2	82
27	0554	3.1	600	496	7.5	28.7	--	6.1	81
27	0555	5.2	600	500	7.5	28.7	--	6.1	81
27	0555	10	600	501	7.5	28.8	--	6.0	80
27	0556	16	600	498	7.5	28.8	--	6.0	79
27	0556	20	600	499	7.5	28.8	--	6.0	79
27	0557	26	600	502	7.5	28.8	--	5.9	78
27	0557	30	600	501	7.5	28.8	--	5.9	78
27	0558	31	600	500	7.5	28.8	--	5.8	77
27	0601	0.6	800	496	7.5	28.7	--	5.6	74
27	0601	3.0	800	500	7.5	28.7	--	5.5	73
27	0602	5.1	800	497	7.5	28.8	--	5.5	73
27	0602	10	800	496	7.5	28.7	--	5.5	72
27	0603	16	800	496	7.4	28.7	--	5.4	72
27	0603	20	800	502	7.4	28.7	--	5.4	71
27	0604	25	800	495	7.4	28.7	--	5.3	71
27	0604	30	800	494	7.4	28.7	--	5.3	70

Table 24. *Water-quality data for station 391447081414201, Ohio River at river mile 192.9, June to October, 1995, 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									
27	1504	0.6	300	527	7.8	30.1	--	8.1	109
27	1505	3.0	300	514	7.7	29.2	--	7.3	97
27	1505	4.9	300	514	7.7	29.2	--	7.3	97
27	1506	10	300	514	7.6	29.0	--	6.8	90
27	1506	15	300	516	7.5	28.9	--	6.6	88
27	1507	20	300	517	7.5	28.9	--	6.6	87
27	1507	25	300	517	7.5	28.9	--	6.5	86
27	1508	28	300	518	7.5	28.9	--	6.5	85
27	1458	0.3	600	513	8.1	30.2	--	9.0	121
27	1458	3.0	600	513	7.9	29.9	--	8.1	109
27	1459	5.0	600	511	7.7	29.3	--	7.1	94
27	1459	10	600	508	7.6	29.0	--	6.8	90
27	1500	15	600	513	7.6	29.0	--	6.8	89
27	1500	20	600	513	7.6	29.0	--	6.7	89
27	1501	25	600	515	7.6	28.9	--	6.7	88
27	1501	30	600	515	7.5	28.9	--	6.7	88
27	1502	35	600	515	7.5	28.9	--	6.6	88
27	1502	36	600	516	7.5	28.9	--	6.7	88
27	1512	0.5	800	510	8.3	29.9	--	9.8	132
27	1513	3.0	800	511	8.1	29.7	--	9.0	121
27	1514	5.0	800	510	7.9	29.6	--	8.3	111
27	1514	10	800	510	7.6	29.0	--	6.9	91
27	1516	15	800	503	7.6	29.0	--	6.4	85
27	1515	20	800	507	7.6	29.0	--	6.8	90
27	1517	25	800	512	7.6	29.0	--	6.7	89
27	1518	31	800	510	7.5	29.0	--	6.7	88
August									
10	1556	0.9	300	493	7.7	27.6	--	7.1	92
10	1556	3.4	300	492	7.7	27.1	--	7.0	89
10	1557	5.4	300	493	7.7	27.1	--	6.9	89
10	1557	10	300	492	7.6	26.8	--	6.8	87
10	1558	15	300	492	7.6	26.7	--	6.8	86
10	1558	20	300	486	7.6	26.6	--	6.7	85
10	1559	25	300	492	7.6	26.6	--	6.7	85
10	1559	30	300	487	7.6	26.6	--	6.6	84
10	1600	31	300	490	7.6	26.6	--	6.6	84

Table 24. *Water-quality data for station 391447081414201, Ohio River at river mile 192.9, June to October, 1995, 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									
10	1600	0.8	600	495	7.7	27.9	--	7.2	94
10	1600	3.5	600	492	7.7	27.2	--	6.9	89
10	1601	5.1	600	490	7.6	26.9	--	6.8	87
10	1602	10	600	493	7.6	26.7	--	6.8	86
10	1602	15	600	492	7.6	26.7	--	6.7	86
10	1603	20	600	490	7.6	26.6	--	6.7	85
10	1603	25	600	492	7.6	26.6	--	6.7	85
10	1604	30	600	488	7.6	26.6	--	6.7	85
10	1604	34	600	492	7.6	26.6	--	6.7	85
10	1605	37	600	492	7.6	26.6	--	6.6	84
10	1607	1.1	800	494	7.7	27.6	--	7.0	90
10	1607	3.6	800	490	7.7	26.9	--	6.8	87
10	1608	5.4	800	491	7.6	26.7	--	6.6	83
10	1609	10	800	488	7.6	26.7	--	6.6	83
10	1609	15	800	490	7.6	26.7	--	6.5	83
10	1610	20	800	490	7.6	26.7	--	6.6	84
10	1610	25	800	494	7.6	26.7	--	6.5	83
10	1611	29	800	490	7.6	26.6	--	6.6	84
24	0758	0.5	300	502	8.0	29.5	--	7.4	99
24	0758	3.3	300	499	8.0	29.6	--	7.4	99
24	0759	5.2	300	501	8.0	29.6	--	7.4	99
24	0759	10	300	501	8.0	29.6	--	7.4	98
24	0800	15	300	500	8.0	29.6	--	7.4	98
24	0800	20	300	501	8.0	29.6	--	7.3	98
24	0801	25	300	499	8.0	29.6	--	7.2	96
24	0801	29	300	501	8.0	29.5	--	7.2	97
24	0752	1.0	600	494	7.9	29.5	--	7.4	98
24	0752	3.3	600	495	7.9	29.5	--	7.3	98
24	0753	5.1	600	493	7.9	29.5	--	7.3	98
24	0753	10	600	493	7.9	29.5	--	7.3	97
24	0754	15	600	492	7.9	29.5	--	7.2	97
24	0754	20	600	496	7.9	29.6	--	7.2	96
24	0755	25	600	498	7.9	29.6	--	7.2	96
24	0755	30	600	494	7.9	29.5	--	7.3	97
24	0756	34	600	495	7.9	29.5	--	7.2	96

Table 24. *Water-quality data for station 391447081414201, Ohio River at river mile 192.9, June to October, 1995, 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									
24	0746	0.2	800	493	7.9	29.5	--	7.3	98
24	0746	3.2	800	491	7.9	29.5	--	7.3	98
24	0747	5.1	800	490	7.9	29.5	--	7.3	98
24	0747	9.8	800	488	7.9	29.5	--	7.3	98
24	0748	15	800	494	7.9	29.5	--	7.3	97
24	0749	20	800	491	7.9	29.5	--	7.2	95
24	0749	25	800	488	7.9	29.5	--	7.1	94
24	0750	29	800	495	7.9	29.5	--	7.0	94
24	1402	0.5	300	507	8.8	31.4	--	12.3	169
24	1402	3.3	300	509	8.3	29.9	--	8.8	118
24	1403	5.4	300	512	8.1	29.7	--	7.9	105
24	1403	10	300	513	8.0	29.6	--	7.2	97
24	1404	15	300	519	8.0	29.6	--	6.9	92
24	1405	20	300	521	7.9	29.5	--	6.7	90
24	1405	25	300	518	7.9	29.5	--	6.8	90
24	1406	29	300	517	7.9	29.5	--	6.7	89
24	1351	0.5	600	509	8.2	29.9	--	8.3	112
24	1351	3.0	600	508	8.2	29.8	--	7.5	101
24	1352	5.1	600	506	8.0	29.6	--	7.5	100
24	1352	10	600	509	8.0	29.6	--	7.4	98
24	1353	15	600	508	8.0	29.6	--	7.3	98
24	1353	20	600	510	8.0	29.6	--	7.3	97
24	1354	25	600	509	8.0	29.5	--	7.1	95
24	1354	30	600	507	8.0	29.6	--	7.1	94
24	1355	35	600	507	8.0	29.6	--	7.1	95
24	1355	36	600	510	8.0	29.6	--	7.1	95
24	1340	0.3	800	505	8.7	31.4	--	11.5	159
24	1343	3.2	800	506	8.7	30.4	--	12.3	166
24	1344	5.2	800	508	8.4	29.8	--	9.4	126
24	1347	9.8	800	511	8.0	29.6	--	7.4	99
24	1347	15	800	508	8.0	29.6	--	7.2	96
24	1348	20	800	510	8.0	29.6	--	7.2	96
24	1349	25	800	510	8.0	29.6	--	7.2	96

Table 24. *Water-quality data for station 391447081414201, Ohio River at river mile 192.9, June to October, 1995, 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									
06	0602	1.0	300	537	7.6	27.5	--	6.6	85
06	0602	3.1	300	541	7.6	27.5	--	6.7	85
06	0603	5.0	300	536	7.6	27.5	--	6.7	86
06	0603	10	300	535	7.6	27.5	--	6.6	84
06	0604	16	300	540	7.6	27.5	--	6.6	85
06	0604	20	300	538	7.6	27.5	--	6.6	85
06	0605	25	300	549	7.6	27.5	--	6.6	85
06	0607	0.3	600	540	7.6	27.4	--	6.8	87
06	0607	2.1	600	546	7.6	27.5	--	6.7	86
06	0608	5.0	600	540	7.6	27.5	--	6.8	87
06	0608	10	600	541	7.6	27.5	--	6.8	87
06	0609	15	600	540	7.6	27.5	--	6.8	87
06	0609	20	600	547	7.6	27.5	--	6.8	87
06	0610	26	600	541	7.6	27.5	--	6.8	87
06	0610	28	600	542	7.6	27.5	--	6.6	85
06	0613	1.0	800	542	7.6	27.5	--	6.9	88
06	0613	3.3	800	540	7.6	27.5	--	6.9	88
06	0614	6.2	800	540	7.7	27.5	--	6.9	89
06	0614	10	800	544	7.7	27.5	--	6.9	88
06	0615	16	800	544	7.7	27.5	--	6.9	88
06	0615	20	800	545	7.7	27.5	--	6.9	89
06	0616	25	800	542	7.7	27.5	--	6.9	89
06	0616	29	800	547	7.7	27.5	--	6.8	87
06	1535	0.2	300	541	8.4	30.0	--	10.6	142
06	1535	2.9	300	540	8.4	29.4	--	10.4	138
06	1536	4.9	300	540	8.3	29.2	--	10.2	134
06	1536	9.5	300	545	7.6	27.5	--	6.7	86
06	1537	15	300	542	7.6	27.4	--	6.5	83
06	1537	20	300	543	7.5	27.4	--	6.5	84
06	1538	25	300	545	7.5	27.4	--	6.5	83
06	1538	28	300	539	7.5	27.4	--	6.5	83

Table 24. *Water-quality data for station 391447081414201, Ohio River at river mile 192.9, June to October, 1995, 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									
06	1529	0.2	600	540	8.5	29.9	--	10.8	144
06	1530	2.9	600	539	8.6	28.6	--	10.2	133
06	1530	5.0	600	543	7.9	27.9	--	8.2	106
06	1531	9.5	600	543	7.6	27.5	--	6.8	87
06	1531	15	600	543	7.6	27.4	--	6.6	85
06	1532	20	600	543	7.6	27.5	--	6.6	84
06	1532	25	600	543	7.5	27.4	--	6.4	82
06	1533	30	600	543	7.5	27.4	--	6.4	82
06	1533	35	600	543	7.5	27.5	--	6.4	82
06	1522	0.2	800	543	8.2	29.7	--	9.4	126
06	1523	2.9	800	543	8.2	29.6	--	9.2	123
06	1523	4.7	800	539	8.3	28.4	--	9.8	128
06	1524	9.7	800	542	7.7	27.6	--	7.0	90
06	1525	15	800	543	7.6	27.5	--	6.7	85
06	1525	20	800	543	7.6	27.5	--	6.7	85
06	1526	25	800	543	7.6	27.5	--	6.5	84
06	1526	28	800	544	7.6	27.5	--	6.5	83
20	0634	0.3	300	678	7.5	24.0	--	5.9	71
20	0634	3.1	300	679	7.4	24.0	--	5.9	71
20	0635	4.9	300	679	7.4	24.0	--	5.9	71
20	0635	10	300	680	7.4	24.0	--	5.9	72
20	0636	15	300	679	7.4	24.0	--	5.8	71
20	0637	20	300	680	7.4	24.0	--	5.8	71
20	0637	25	300	679	7.4	24.0	--	5.8	70
20	0638	30	300	680	7.4	24.0	--	5.7	69
20	0620	0.3	600	680	7.5	24.0	--	5.9	72
20	0620	2.7	600	680	7.4	24.0	--	5.9	72
20	0621	5.0	600	680	7.4	24.0	--	5.9	72
20	0621	9.8	600	680	7.4	24.1	--	5.9	72
20	0622	14	600	680	7.4	24.1	--	5.9	72
20	0622	19	600	680	7.4	24.1	--	5.9	72
20	0623	26	600	680	7.4	24.1	--	5.9	71
20	0623	30	600	680	7.4	24.1	--	5.8	71
20	0624	34	600	680	7.4	24.1	--	5.8	71

Table 24. *Water-quality data for station 391447081414201, Ohio River at river mile 192.9, June to October, 1995, 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									
20	0629	0.4	800	679	7.5	24.0	--	5.9	72
20	0629	3.0	800	680	7.4	24.0	--	5.9	72
20	0630	5.1	800	680	7.4	24.0	--	5.9	72
20	0630	9.6	800	680	7.4	24.0	--	5.9	72
20	0631	15	800	680	7.4	24.0	--	5.9	72
20	0631	19	800	680	7.4	24.0	--	5.9	71
20	0632	25	800	680	7.4	24.0	--	5.9	71
20	0632	27	800	681	7.4	24.0	--	5.7	69
20	1418	1.2	300	673	7.5	24.0	--	6.1	73
20	1418	3.5	300	676	7.5	24.0	--	6.0	72
20	1419	5.1	300	674	7.5	24.0	--	6.0	72
20	1419	11	300	675	7.5	24.0	--	6.0	73
20	1420	15	300	672	7.5	24.0	--	6.0	72
20	1421	20	300	676	7.5	23.9	--	6.0	72
20	1411	1.1	600	679	7.5	24.0	--	6.1	73
20	1412	3.4	600	678	7.5	24.0	--	6.0	72
20	1412	5.0	600	673	7.5	24.0	--	6.0	73
20	1413	10	600	670	7.5	24.0	--	6.0	72
20	1413	15	600	674	7.5	24.0	--	6.1	73
20	1414	20	600	672	7.5	24.0	--	6.1	73
20	1415	24	600	674	7.5	24.0	--	6.1	73
20	1415	31	600	678	7.5	24.0	--	6.0	73
20	1416	35	600	670	7.5	24.0	--	5.9	71
20	1406	1.1	800	673	7.5	24.0	--	6.1	73
20	1406	3.0	800	673	7.5	24.0	--	6.0	72
20	1407	5.1	800	675	7.5	24.0	--	5.9	72
20	1407	10	800	673	7.5	24.0	--	6.0	72
20	1408	15	800	670	7.5	24.0	--	5.9	72
20	1408	20	800	671	7.5	24.0	--	5.9	71
20	1409	24	800	671	7.5	24.0	--	5.9	71
20	1409	27	800	685	7.5	24.0	--	5.9	71

Table 24. *Water-quality data for station 391447081414201, Ohio River at river mile 192.9, June to October, 1995, 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									
05	0616	0.6	300	620	7.3	21.8	--	7.2	84
05	0617	3.1	300	624	7.3	21.8	--	7.1	82
05	0617	4.9	300	627	7.3	21.8	--	7.1	82
05	0618	9.8	300	630	7.3	21.8	--	7.1	82
05	0625	15	300	627	7.3	21.8	--	7.0	81
05	0626	20	300	638	7.3	21.8	--	6.9	80
05	0627	25	300	623	7.3	21.8	--	6.9	80
05	0632	1.1	600	626	7.3	21.9	--	7.0	82
05	0633	3.0	600	626	7.3	21.9	--	6.8	79
05	0633	5.0	600	628	7.3	21.9	--	6.9	80
05	0634	10	600	633	7.3	21.9	--	6.9	80
05	0635	15	600	631	7.3	21.9	--	7.0	81
05	0635	20	600	639	7.3	21.9	--	6.9	81
05	0636	25	600	643	7.3	21.2	--	6.8	80
05	0637	30	600	637	7.3	21.9	--	6.2	72
05	0642	1.0	800	630	7.3	21.9	--	6.8	79
05	0642	3.0	800	627	7.3	21.9	--	6.9	80
05	0643	4.9	800	638	7.3	21.9	--	6.8	79
05	0643	10	800	634	7.3	21.9	--	6.8	79
05	0644	15	800	635	7.3	21.9	--	6.7	78
05	0644	20	800	638	7.3	21.9	--	6.7	78
05	0645	25	800	643	7.3	21.9	--	6.8	79
05	0645	29	800	646	7.3	21.9	--	6.9	80
05	1217	0.9	300	633	7.4	22.1	--	6.9	81
05	1217	2.9	300	636	7.4	22.1	--	6.9	81
05	1218	4.8	300	639	7.3	22.0	--	6.9	80
05	1218	10	300	636	7.3	21.9	--	6.7	78
05	1219	15	300	639	7.3	21.9	--	6.7	78
05	1219	20	300	640	7.3	21.9	--	6.7	78
05	1220	25	300	640	7.3	21.9	--	6.7	78
05	1220	28	300	640	7.3	21.9	--	6.7	78

Table 24. *Water-quality data for station 391447081414201, Ohio River at river mile 192.9, June to October, 1995, 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									
05	1206	1.1	600	631	7.4	22.0	--	6.9	80
05	1205	3.1	600	636	7.4	22.0	--	6.9	80
05	1205	5.0	600	632	7.3	21.9	3.5	6.8	79
05	1204	9.8	600	638	7.3	21.9	--	6.8	79
05	1203	15	600	639	7.3	21.8	--	6.8	79
05	1203	21	600	635	7.3	21.8	--	6.7	78
05	1202	26	600	639	7.3	21.8	--	6.8	79
05	1202	28	600	635	7.3	21.8	--	6.7	78
05	1209	0.4	800	629	7.3	22.0	--	7.0	81
05	1209	2.9	800	631	7.4	22.0	--	7.0	81
05	1210	4.9	800	633	7.4	21.9	--	7.0	81
05	1210	10	800	635	7.4	21.9	--	6.9	80
05	1211	16	800	638	7.4	21.9	--	6.9	80
05	1211	20	800	636	7.4	21.8	--	6.8	79
05	1212	25	800	639	7.4	21.8	--	6.9	80
19	1525	0.9	300	541	7.6	19.3	--	8.1	89
19	1525	3.1	300	537	7.6	19.2	--	8.1	88
19	1526	5.0	300	540	7.6	19.0	--	8.0	87
19	1526	9.7	300	538	7.5	18.6	--	7.6	83
19	1527	15	300	541	7.5	18.5	--	7.6	82
19	1527	20	300	545	7.5	18.5	--	7.5	81
19	1528	25	300	541	7.5	18.5	--	7.5	80
19	1528	29	300	544	7.5	18.5	--	7.4	80
19	1530	1.0	600	540	7.6	19.1	--	8.0	88
19	1531	3.1	600	537	7.6	19.1	2.0	8.1	88
19	1531	5.1	600	539	7.5	19.1	--	8.0	87
19	1532	9.9	600	536	7.5	18.6	--	7.7	83
19	1532	15	600	539	7.5	18.6	--	7.5	81
19	1533	20	600	541	7.5	18.6	--	7.5	81
19	1533	25	600	536	7.5	18.6	--	7.5	81
19	1534	29	600	531	7.5	18.6	--	7.5	80

Table 24. *Water-quality data for station 391447081414201, Ohio River at river mile 192.9, June to October, 1995, 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									
19	1536	0.9	800	541	7.6	19.3	--	8.1	89
19	1536	3.1	800	538	7.5	19.0	--	8.0	87
19	1537	5.1	800	536	7.5	19.0	--	7.9	86
19	1537	10	800	536	7.5	18.6	--	7.7	83
19	1538	15	800	538	7.5	18.6	--	7.6	82
19	1538	20	800	546	7.5	18.6	--	7.5	81
19	1539	25	800	546	7.5	18.6	--	7.5	81

Table 25. *Water-quality data for station 391351081412201, Ohio River at river mile 194.0, June to October, 1995.*

[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									
29	1547	0.5	600	427	7.7	27.9	--	7.5	97
29	1547	3.1	600	426	7.6	27.8	--	7.2	94
29	1548	15	600	422	7.5	27.5	--	6.7	86
29	1548	31	600	417	7.5	27.4	--	6.7	86
July									
13	1814	0.5	600	470	8.9	30.3	--	13.0	176
13	1814	3.1	600	472	8.7	29.4	--	11.5	153
13	1816	16	600	472	7.8	27.5	--	7.7	100
13	1815	34	600	471	7.8	27.3	--	8.1	104
27	1530	0.9	600	501	8.3	30.0	--	9.6	130
27	1530	3.0	600	504	8.2	29.9	--	9.3	125
27	1532	17	600	506	7.6	29.0	--	6.8	90
27	1531	33	600	510	7.6	28.9	--	6.5	86
August									
10	1614	0.9	600	502	7.7	28.4	--	7.3	96
10	1614	3.5	600	500	7.7	27.5	--	7.2	93
10	1615	16	600	500	7.6	26.8	--	6.6	84
10	1615	32	600	501	7.6	26.8	--	6.6	84
24	1018	0.5	600	491	8.1	29.7	--	8.2	109
24	1019	3.3	600	494	7.9	29.6	--	7.3	97
24	1020	17	600	496	7.9	29.6	--	7.0	93
24	1019	34	600	495	7.8	29.5	--	6.8	90
September									
06	1541	0.8	600	541	8.5	29.8	--	10.9	146
06	1542	3.0	600	541	8.5	29.1	--	10.8	143
06	1544	18	600	542	7.5	27.5	--	6.5	83
06	1543	34	600	542	7.5	27.5	--	6.1	78
20	1431	0.5	600	682	7.5	23.9	--	6.0	72
20	1431	3.1	600	678	7.5	23.9	--	5.9	71
20	1433	16	600	680	7.5	23.9	--	5.8	70
20	1432	32	600	682	7.5	23.9	--	5.8	70

Table 25. *Water-quality data for station 391351081412201, Ohio River at river mile 194.0, June to October, 1995, 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									
05	1228	0.5	600	631	7.4	22.1	--	7.1	82
05	1228	3.1	600	636	7.4	22.0	--	7.0	81
05	1230	16	600	640	7.3	21.8	--	6.9	79
05	1229	32	600	640	7.3	21.8	--	6.8	79
19	1600	0.9	600	538	7.5	18.6	--	7.5	81
19	1601	3.0	600	538	7.5	18.8	--	7.7	84
19	1603	17	600	542	7.5	18.7	--	7.6	82
19	1602	33	600	540	7.5	18.6	--	7.5	80

Table 26. *Water-quality data for station 391302081425101, Ohio River at river mile 195.8, June to October, 1995.*

[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									
29	1552	0.3	600	407	7.5	28.0	--	7.2	93
29	1552	2.6	600	409	7.5	27.7	--	6.9	89
29	1553	19	600	418	7.4	27.4	--	6.5	84
29	1553	38	600	418	7.4	27.3	--	6.5	83
July									
13	1820	0.5	600	465	8.8	29.9	--	12.7	170
13	1820	3.4	600	467	8.7	29.2	--	12.4	164
13	1822	19	600	472	7.7	27.4	--	7.5	97
13	1822	38	600	471	7.7	27.3	--	7.3	93
27	1547	0.4	600	498	7.7	29.4	--	7.7	102
27	1547	3.0	600	495	7.7	29.4	--	7.7	102
27	1549	18	600	495	7.5	29.1	--	6.7	88
27	1548	37	600	494	7.5	29.0	--	6.6	87
August									
10	1619	1.3	600	503	7.7	27.9	--	7.1	92
10	1619	3.4	600	504	7.7	27.9	--	7.0	91
10	1621	18	600	502	7.6	27.1	--	6.3	81
10	1620	37	600	502	7.6	27.0	--	6.3	81
24	1013	0.4	600	489	8.0	29.8	--	7.9	105
24	1013	3.4	600	489	7.9	29.7	--	7.2	97
24	1014	19	600	488	7.8	29.7	--	6.7	90
24	1014	38	600	489	7.8	29.6	--	6.6	88
September									
06	1550	0.5	600	540	8.2	29.8	--	9.6	128
06	1550	2.9	600	538	8.2	28.9	--	9.6	126
06	1552	19	600	538	7.4	27.5	--	6.1	79
06	1551	39	600	543	7.4	27.4	--	5.8	74
20	1439	0.9	600	688	7.5	24.0	--	5.7	68
20	1439	2.9	600	681	7.4	24.1	--	5.7	68
20	1441	21	600	684	7.4	24.1	--	5.6	68
20	1440	40	600	683	7.4	24.0	--	5.6	68

Table 26. *Water-quality data for station 391302081425101, Ohio River at river mile 195.8, June to October, 1995, 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									
05	1237	0.6	600	624	7.3	21.9	--	7.0	81
05	1238	3.0	600	621	7.3	21.9	--	7.0	81
05	1236	19	600	635	7.3	21.8	--	6.9	80
05	1236	35	600	631	7.3	21.8	--	6.8	79
19	1608	0.4	600	537	7.6	19.2	--	8.0	88
19	1608	3.2	600	536	7.5	18.7	--	7.6	83
19	1610	19	600	535	7.5	18.5	--	7.4	80
19	1609	37	600	532	7.4	18.4	--	7.4	79

Table 27. *Water-quality data for station 391146081440501, Ohio River at river mile 197.9, June to October, 1995.*

[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									
29	1557	0.5	500	404	7.5	27.6	--	6.8	88
29	1557	3.0	500	403	7.4	27.6	--	6.7	87
29	1559	16	500	410	7.4	27.3	--	6.4	82
29	1558	31	500	409	7.4	27.3	--	6.4	83
July									
13	1826	0.5	500	461	8.9	30.2	--	13.2	179
13	1827	2.9	500	463	8.7	29.2	--	11.7	155
13	1829	15	500	467	7.9	27.6	--	8.1	105
13	1828	29	500	467	7.8	27.3	--	7.5	97
27	1555	0.5	500	495	7.7	29.5	--	7.5	100
27	1555	3.0	500	495	7.7	29.5	--	7.5	100
27	1557	15	500	495	7.5	29.1	--	6.8	90
27	1556	31	500	495	7.5	29.0	--	6.6	88
August									
10	1624	1.1	500	488	7.7	28.1	--	6.9	90
10	1624	3.4	500	490	7.6	27.9	--	6.8	88
10	1625	15	500	498	7.6	27.1	--	6.2	79
10	1625	30	500	498	7.6	27.1	--	6.3	80
24	1008	0.5	500	485	8.0	29.8	--	7.6	102
24	1008	3.4	500	487	7.9	29.8	--	7.2	96
24	1009	17	500	487	7.8	29.6	--	6.6	88
24	1009	34	500	490	7.8	29.6	--	6.5	87
September									
06	1558	0.2	500	536	8.2	29.7	--	9.8	130
06	1558	2.8	500	537	8.2	29.6	--	9.2	122
06	1600	20	500	535	7.5	27.5	--	5.9	76
06	1559	41	500	538	7.5	27.5	--	5.6	72
20	1445	0.5	500	681	7.4	24.0	--	5.6	68
20	1446	2.3	500	685	7.4	24.0	--	5.6	68
20	1448	13	500	684	7.4	24.0	--	5.6	67
20	1447	26	500	678	7.4	24.0	--	5.5	67

Table 27. *Water-quality data for station 391146081440501, Ohio River at river mile 197.9, June to October, 1995, 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									
05	1242	0.4	500	621	7.3	21.8	--	6.9	80
05	1242	2.8	500	623	7.3	21.8	--	6.9	80
05	1243	15	500	632	7.3	21.8	--	6.8	79
05	1243	31	500	635	7.3	21.8	--	6.8	78
19	1613	0.5	500	525	7.5	18.8	--	7.8	85
19	1614	3.1	500	525	7.5	18.8	--	7.6	83
19	1615	15	500	524	7.5	18.9	--	7.6	83
19	1614	30	500	523	7.4	18.3	--	7.3	78

Table 28. *Water-quality data for station 391049081451601, Ohio River at river mile 199.5, June to October, 1995.*

[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									
29	1603	0.4	500	393	7.4	27.6	--	6.6	85
29	1603	3.0	500	395	7.4	27.4	--	6.4	82
29	1605	21	500	399	7.3	27.2	--	6.2	80
29	1604	39	500	396	7.3	27.2	--	6.2	80
July									
13	1847	0.5	500	465	8.8	29.3	--	12.3	163
13	1847	3.1	500	465	8.7	28.8	--	11.7	154
13	1849	22	500	473	7.7	27.2	--	7.2	92
13	1848	43	500	515	7.7	26.8	--	7.2	91
27	1614	0.6	500	493	7.8	29.3	--	7.8	104
27	1614	3.6	500	493	7.6	29.2	--	6.8	91
27	1616	22	500	494	7.5	28.9	--	6.3	84
27	1615	39	500	506	7.5	28.8	--	6.2	81
August									
10	1642	1.0	500	471	7.6	28.3	--	6.7	88
10	1642	3.4	500	471	7.6	27.3	--	6.5	83
10	1644	21	500	471	7.5	26.9	--	6.0	77
10	1643	42	500	449	7.5	25.3	--	5.5	68
24	0959	0.8	500	492	7.8	29.8	--	7.1	95
24	0959	3.3	500	493	7.8	29.8	--	6.8	91
24	1001	24	500	492	7.7	29.7	--	6.3	85
24	1000	47	500	562	7.6	29.1	--	4.7	63
September									
06	1622	0.7	500	531	8.3	29.8	--	9.8	130
06	1622	2.9	500	529	8.4	29.1	--	10.2	134
06	1625	25	500	528	7.5	27.5	--	5.9	76
06	1624	54	500	660	7.5	26.3	--	4.6	57
20	1453	0.9	500	668	7.4	24.0	--	5.7	69
20	1453	2.8	500	670	7.4	24.0	--	5.7	69
20	1456	23	500	668	7.4	24.0	--	5.6	68
20	1455	39	500	685	7.4	23.8	--	5.5	66

Table 28. *Water-quality data for station 391049081451601, Ohio River at river mile 199.5, June to October, 1995, 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									
05	1248	0.6	500	617	7.3	22.0	--	6.9	80
05	1248	3.1	500	621	7.3	21.9	--	6.8	79
05	1250	23	500	631	7.3	21.8	--	6.6	76
05	1249	48	500	683	7.3	21.3	--	6.3	73
19	1620	0.4	500	522	7.5	18.5	--	7.5	81
19	1620	3.0	500	524	7.4	18.5	--	7.4	80
19	1622	24	500	521	7.4	18.5	--	7.3	79
19	1621	48	500	556	7.4	17.2	--	6.5	68

Table 29. *Water-quality data for station 390803081443501, Ohio River at river mile 202.8, June to October, 1995.*

[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									
29	1610	0.2	600	393	7.4	27.6	--	6.8	87
29	1610	3.0	600	393	7.3	27.1	--	6.2	80
29	1612	19	600	400	7.3	27.1	--	6.2	80
29	1611	37	600	400	7.3	27.1	--	6.3	80
July									
13	1856	0.4	600	468	8.9	30.3	--	13.4	181
13	1856	3.5	600	467	8.9	29.6	--	13.9	186
13	1857	16	600	480	7.7	27.2	--	7.3	94
13	1858	36	600	482	7.6	27.0	--	6.5	82
27	1627	0.7	600	510	7.7	29.2	--	7.3	97
27	1627	3.0	600	509	7.6	29.1	--	6.5	86
27	1629	19	600	526	7.5	28.9	--	6.0	79
27	1628	38	600	524	7.4	28.7	--	5.6	74
August									
10	1650	0.9	600	457	7.6	27.8	--	6.5	84
10	1651	3.5	600	460	7.5	27.2	--	6.2	79
10	1652	18	600	455	7.5	26.7	--	5.8	74
10	1651	37	600	456	7.4	26.6	--	5.7	73
24	0955	0.7	600	496	7.7	29.6	--	6.8	90
24	0955	3.3	600	496	7.7	29.6	--	6.5	87
24	0956	19	600	496	7.7	29.6	--	6.3	84
24	0956	36	600	497	7.6	29.5	--	6.0	80
September									
06	1634	0.2	600	533	7.8	30.1	--	7.5	101
06	1636	3.0	600	534	8.0	28.4	--	7.7	100
06	1637	16	600	536	7.4	27.6	--	5.3	67
06	1637	37	600	537	7.4	27.4	--	4.9	62
20	1504	1.1	600	658	7.5	23.9	--	5.5	66
20	1505	2.7	600	657	7.4	23.9	--	5.4	65
20	1506	17	600	655	7.4	23.9	--	5.4	65
20	1505	31	600	659	7.4	23.9	--	5.4	65

Table 29. *Water-quality data for station 390803081443501, Ohio River at river mile 202.8, June to October, 1995, 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									
05	1256	0.5	600	636	7.3	22.0	--	6.8	80
05	1256	2.9	600	640	7.3	22.0	--	6.8	79
05	1258	17	600	649	7.3	21.9	--	6.7	78
05	1257	34	600	652	7.3	21.9	--	6.6	76
19	1630	0.5	600	512	7.5	18.8	--	7.4	81
19	1630	3.3	600	510	7.4	18.7	--	7.4	80
19	1632	19	600	512	7.4	18.3	--	7.1	76
19	1631	35	600	512	7.4	18.3	--	7.0	75

Table 30. *Water-quality data for station 390721081443001, Ohio River at river mile 203.6, June to October, 1995.*

[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									
29	1617	0.3	200	403	7.5	27.7	--	6.7	87
29	1617	3.1	200	402	7.4	27.4	--	6.7	86
29	1618	5.1	200	402	7.4	27.4	--	6.4	83
29	1618	9.9	200	399	7.4	27.4	--	6.4	82
29	1619	15	200	399	7.3	27.3	--	6.3	80
29	1619	20	200	401	7.3	27.2	--	6.2	80
29	1620	25	200	400	7.3	27.2	--	6.2	79
29	1620	30	200	404	7.3	27.2	--	6.2	79
29	1621	33	200	406	7.3	27.2	--	6.0	77
29	1623	0.4	500	398	7.5	27.8	--	7.0	90
29	1623	3.2	500	399	7.5	27.8	--	6.8	88
29	1624	4.5	500	397	7.5	27.8	--	6.8	88
29	1624	10	500	397	7.4	27.4	--	6.6	85
29	1625	15	500	396	7.3	27.2	--	6.3	81
29	1625	20	500	400	7.3	27.2	--	6.3	80
29	1626	24	500	400	7.3	27.2	--	6.2	80
29	1627	31	500	398	7.3	27.2	--	6.2	80
29	1627	36	500	394	7.3	27.2	--	6.2	80
29	1628	40	500	397	7.3	27.2	--	6.2	79
29	1630	0.3	700	393	7.5	27.6	--	6.8	88
29	1630	2.5	700	395	7.4	27.7	--	6.7	87
29	1631	4.6	700	397	7.4	27.6	--	6.7	87
29	1631	10	700	397	7.4	27.3	--	6.4	82
29	1632	15	700	396	7.3	27.2	--	6.2	80
29	1632	20	700	396	7.3	27.2	--	6.2	80
29	1633	25	700	397	7.3	27.2	--	6.2	80
29	1633	30	700	399	7.3	27.2	--	6.2	80
29	1634	36	700	397	7.3	27.2	--	6.2	80
29	1634	43	700	392	7.3	27.2	--	6.2	79
29	1707	0.3	900	391	7.4	27.3	--	6.5	84
29	1707	3.2	900	391	7.4	27.4	--	6.5	84
29	1708	5.0	900	396	7.4	27.4	--	6.5	84
29	1708	11	900	395	7.4	27.4	--	6.5	83
29	1709	15	900	395	7.4	27.4	--	6.4	83
29	1710	20	900	394	7.4	27.4	--	6.4	83
29	1710	25	900	395	7.4	27.3	--	6.4	82
29	1711	30	900	393	7.3	27.3	--	6.4	82
29	1711	36	900	389	7.3	27.3	--	6.4	82

Table 30. *Water-quality data for station 390721081443001, Ohio River at river mile 203.6, June to October, 1995, 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									
13	1904	0.7	200	460	9.0	30.7	--	13.6	184
13	1905	2.8	200	464	8.7	28.9	--	11.9	157
13	1905	4.9	200	463	8.4	28.2	--	10.7	139
13	1906	9.9	200	465	8.0	27.7	--	9.1	118
13	1907	15	200	466	7.7	27.4	--	7.4	95
13	1908	20	200	462	7.6	27.2	--	6.7	86
13	1908	25	200	468	7.6	27.1	--	6.3	80
13	1909	30	200	472	7.5	27.1	--	6.1	78
13	1910	32	200	471	7.5	27.1	--	6.0	76
13	1913	0.6	500	460	9.0	30.3	--	14.2	191
13	1914	3.0	500	464	8.8	29.2	--	12.0	159
13	1914	5.0	500	474	8.3	28.0	--	10.2	132
13	1915	9.9	500	476	8.0	27.6	--	8.9	115
13	1916	15	500	479	7.8	27.4	--	8.0	102
13	1916	20	500	478	7.7	27.2	--	7.0	90
13	1917	25	500	475	7.6	27.1	--	6.7	86
13	1918	30	500	472	7.6	27.1	--	6.5	83
13	1918	35	500	469	7.6	27.1	--	6.5	83
13	1919	40	500	480	7.6	27.1	--	6.4	82
13	1925	0.7	700	465	8.9	30.0	--	13.4	181
13	1925	3.1	700	468	8.7	28.9	--	12.3	163
13	1926	5.0	700	474	8.3	28.3	--	10.1	132
13	1927	10	700	471	7.9	27.6	--	8.0	103
13	1928	15	700	473	7.7	27.3	--	7.3	93
13	1928	20	700	476	7.7	27.2	--	7.2	92
13	1929	24	700	472	7.7	27.2	--	7.2	92
13	1930	30	700	476	7.7	27.1	--	6.9	88
13	1930	35	700	484	7.6	27.1	--	6.8	87
13	1931	40	700	482	7.6	27.1	--	6.6	84
13	1932	45	700	474	7.6	27.1	--	6.6	84

Table 30. *Water-quality data for station 390721081443001, Ohio River at river mile 203.6, June to October, 1995, 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									
13	1938	0.5	900	469	8.6	29.2	--	11.6	154
13	1939	3.1	900	470	8.6	29.1	--	11.4	151
13	1940	4.9	900	470	8.5	29.1	--	11.6	153
13	1942	9.8	900	473	7.8	27.5	--	7.9	102
13	1943	15	900	475	7.7	27.4	--	7.4	95
13	1944	20	900	474	7.7	27.2	--	7.1	91
13	1945	25	900	477	7.6	27.2	--	6.9	88
13	1945	30	900	478	7.6	27.1	--	6.8	87
13	1946	35	900	478	7.6	27.1	--	6.8	87
13	1947	40	900	476	7.6	27.1	--	6.8	87
13	1948	45	900	476	7.6	27.1	--	6.8	87
14	1252	0.3	900	588	8.6	28.8	--	11.2	147
14	1252	0.9	900	614	8.6	28.6	--	11.0	144
14	1253	2.0	900	615	8.6	28.4	--	10.3	135
14	1254	3.0	900	616	8.6	28.3	--	10.0	131
14	1254	4.0	900	618	8.5	28.2	--	9.8	128
14	1255	5.1	900	616	8.5	28.2	--	9.8	127
14	1256	10	900	618	8.5	28.1	--	9.3	120
27	1639	0.4	200	517	7.8	30.1	--	7.9	106
27	1639	3.1	200	519	7.8	30.1	--	7.8	105
27	1640	5.1	200	519	7.7	29.8	--	7.4	99
27	1640	10	200	519	7.7	29.6	--	7.1	95
27	1641	15	200	516	7.5	28.9	--	6.3	83
27	1641	20	200	523	7.5	28.9	--	6.2	82
27	1644	0.2	500	481	7.5	27.7	--	9.1	118
27	1644	3.1	500	511	8.0	29.8	--	8.3	112
27	1645	5.0	500	507	7.9	29.5	--	8.2	110
27	1645	10	500	513	7.8	29.3	--	7.5	99
27	1646	15	500	514	7.6	29.0	--	6.7	88
27	1647	20	500	522	7.5	28.9	--	6.2	82
27	1647	25	500	517	7.5	28.9	--	6.1	81
27	1648	30	500	519	7.5	28.8	--	6.1	81
27	1648	35	500	515	7.5	28.8	--	6.1	80
27	1649	40	500	521	7.5	28.8	--	6.0	79

Table 30. *Water-quality data for station 390721081443001, Ohio River at river mile 203.6, June to October, 1995, 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									
27	1653	0.3	700	516	7.7	29.1	--	7.0	93
27	1653	3.1	700	521	7.6	29.2	--	6.9	92
27	1654	5.1	700	515	7.6	29.1	--	6.6	88
27	1654	10	700	509	7.6	29.0	--	6.5	86
27	1655	15	700	517	7.5	29.0	--	6.4	84
27	1655	20	700	520	7.5	29.0	--	6.3	84
27	1656	25	700	520	7.5	28.9	--	6.2	82
27	1656	30	700	511	7.5	28.9	--	6.1	81
27	1657	35	700	512	7.5	28.9	--	6.1	80
27	1657	40	700	525	7.5	28.8	--	6.1	80
27	1658	45	700	515	7.5	28.8	--	6.0	79
27	1701	0.3	900	520	7.6	29.1	--	6.6	87
27	1701	3.1	900	519	7.6	29.1	--	6.6	87
27	1702	5.0	900	520	7.5	29.0	--	6.4	85
27	1702	10	900	522	7.5	29.0	--	6.4	84
27	1703	15	900	518	7.5	29.0	--	6.4	85
27	1703	20	900	513	7.5	29.0	--	6.4	85
27	1704	25	900	527	7.5	29.0	--	6.4	84
27	1704	31	900	525	7.5	29.0	--	6.3	84
27	1705	36	900	526	7.5	28.9	--	6.3	83
27	1705	41	900	513	7.5	28.9	--	6.1	81
27	1706	45	900	519	7.5	28.9	--	6.1	80
August									
10	1657	1.2	200	439	7.6	28.3	--	6.5	85
10	1657	3.5	200	439	7.5	27.1	--	5.9	76
10	1658	5.5	200	440	7.4	27.0	--	5.9	75
10	1658	10	200	443	7.4	26.7	--	5.8	74
10	1659	15	200	443	7.4	26.6	--	5.8	73
10	1659	20	200	443	7.4	26.6	--	5.7	73
10	1700	25	200	443	7.4	26.6	--	5.7	73
10	1700	30	200	442	7.4	26.6	--	5.7	72
10	1701	34	200	442	7.4	26.6	--	5.6	71

Table 30. *Water-quality data for station 390721081443001, Ohio River at river mile 203.6, June to October, 1995, 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									
10	1705	0.9	500	446	7.6	28.1	--	6.6	86
10	1705	3.5	500	444	7.5	27.5	--	6.3	81
10	1706	5.5	500	447	7.5	27.0	--	6.0	77
10	1706	10	500	447	7.4	26.7	--	5.9	76
10	1707	15	500	447	7.4	26.6	--	5.8	74
10	1707	20	500	444	7.4	26.6	--	5.8	74
10	1708	25	500	443	7.4	26.6	--	5.8	73
10	1708	30	500	436	7.4	26.6	--	5.8	73
10	1709	35	500	443	7.4	26.5	--	5.7	73
10	1709	39	500	437	7.4	26.5	--	5.7	73
10	1712	0.8	700	450	7.6	27.6	--	6.6	86
10	1712	3.4	700	449	7.5	27.1	--	6.3	80
10	1713	5.4	700	448	7.5	27.0	--	6.1	78
10	1713	10	700	451	7.5	26.8	--	6.0	76
10	1714	15	700	455	7.4	26.6	--	5.9	75
10	1714	20	700	445	7.4	26.6	--	5.8	74
10	1715	24	700	454	7.4	26.6	--	5.8	74
10	1715	29	700	438	7.4	26.6	--	5.8	74
10	1716	34	700	449	7.4	26.6	--	5.8	74
10	1716	39	700	448	7.4	26.6	--	5.8	73
10	1717	44	700	447	7.4	26.6	--	5.7	73
10	1720	0.9	900	451	7.5	26.9	--	6.1	78
10	1721	3.4	900	451	7.5	26.8	--	6.0	76
10	1721	5.5	900	448	7.5	26.8	--	5.9	76
10	1722	10	900	446	7.4	26.7	--	5.9	75
10	1722	15	900	443	7.4	26.7	--	5.9	75
10	1723	20	900	445	7.4	26.7	--	5.8	74
10	1723	25	900	447	7.4	26.7	--	5.8	74
10	1724	30	900	443	7.4	26.7	--	5.8	73
10	1724	35	900	449	7.4	26.7	--	5.8	74
10	1725	40	900	447	7.4	26.6	--	5.8	74
10	1725	44	900	442	7.4	26.6	--	5.8	73
10	1726	47	900	446	7.4	26.6	--	5.7	73

Table 30. *Water-quality data for station 390721081443001, Ohio River at river mile 203.6, June to October, 1995, 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									
24	0948	0.7	200	492	7.7	29.5	--	6.2	82
24	0948	3.3	200	492	7.7	29.5	--	6.0	81
24	0949	5.2	200	494	7.6	29.5	--	6.1	81
24	0949	10	200	493	7.6	29.5	--	6.1	81
24	0950	15	200	493	7.6	29.5	--	6.0	81
24	0951	20	200	498	7.6	29.5	--	6.1	81
24	0951	25	200	496	7.6	29.5	--	6.0	80
24	0952	30	200	491	7.6	29.5	--	6.0	80
24	0952	35	200	500	7.6	29.5	--	6.0	80
24	0953	38	200	494	7.6	29.5	--	5.8	77
24	0941	0.7	500	495	7.7	29.6	--	6.3	84
24	0941	3.3	500	496	7.7	29.5	--	6.1	82
24	0942	5.4	500	494	7.7	29.5	--	6.2	83
24	0943	9.9	500	497	7.6	29.6	--	6.2	83
24	0943	15	500	495	7.6	29.5	--	6.2	82
24	0944	20	500	496	7.6	29.5	--	6.2	82
24	0944	25	500	492	7.6	29.5	--	6.1	81
24	0945	30	500	491	7.6	29.5	--	6.1	81
24	0945	35	500	494	7.6	29.5	--	6.1	81
24	0946	40	500	492	7.6	29.5	--	6.0	80
24	0934	0.5	700	493	7.7	29.5	--	6.4	85
24	0934	3.3	700	493	7.7	29.6	--	6.2	83
24	0935	5.4	700	492	7.7	29.6	--	6.2	83
24	0935	9.9	700	498	7.6	29.6	--	6.2	83
24	0936	16	700	496	7.6	29.6	--	6.1	82
24	0936	20	700	492	7.6	29.6	--	6.1	81
24	0937	25	700	499	7.6	29.6	--	6.0	81
24	0937	30	700	492	7.6	29.6	--	6.1	81
24	0938	35	700	499	7.6	29.5	--	6.0	80
24	0938	40	700	494	7.6	29.5	--	6.0	80
24	0939	45	700	488	7.6	29.5	--	6.0	81

Table 30. *Water-quality data for station 390721081443001, Ohio River at river mile 203.6, June to October, 1995, 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									
24	0926	0.5	900	494	7.7	29.5	--	6.5	86
24	0926	3.1	900	495	7.7	29.5	--	6.2	82
24	0927	5.1	900	494	7.6	29.6	--	6.1	82
24	0927	9.8	900	495	7.6	29.6	--	6.0	80
24	0928	15	900	496	7.6	29.6	--	6.0	80
24	0928	20	900	493	7.6	29.6	--	6.1	81
24	0929	25	900	493	7.6	29.6	--	6.1	81
24	0929	30	900	497	7.6	29.6	--	6.1	81
24	0930	35	900	492	7.6	29.6	--	6.1	81
24	0930	40	900	492	7.6	29.6	--	6.1	81
24	0931	45	900	492	7.6	29.6	--	6.1	81
24	0931	49	900	499	7.7	29.6	--	6.0	81
September									
06	1705	0.2	200	530	7.9	30.4	--	8.3	111
06	1705	3.0	200	530	7.8	28.7	--	7.5	97
06	1706	6.6	200	531	7.4	27.8	--	5.5	71
06	1706	9.7	200	529	7.4	27.7	--	5.2	67
06	1707	15	200	527	7.4	27.6	--	5.0	65
06	1707	20	200	529	7.4	27.6	--	5.0	64
06	1708	25	200	534	7.4	27.5	--	5.0	64
06	1708	30	200	529	7.4	27.5	--	4.9	63
06	1709	34	200	534	7.3	27.5	--	4.8	61
06	1659	0.2	500	534	7.8	30.1	--	7.9	106
06	1659	2.9	500	531	8.1	28.5	--	8.8	114
06	1700	4.8	500	532	7.7	28.1	--	7.1	92
06	1700	9.2	500	530	7.5	27.8	--	5.9	76
06	1701	15	500	533	7.4	27.6	--	5.4	69
06	1701	20	500	533	7.4	27.6	--	5.3	67
06	1702	24	500	531	7.4	27.5	--	5.2	66
06	1702	30	500	535	7.4	27.5	--	5.1	65
06	1703	35	500	534	7.4	27.5	--	5.1	65
06	1703	40	500	529	7.4	27.5	--	5.0	64

Table 30. *Water-quality data for station 390721081443001, Ohio River at river mile 203.6, June to October, 1995, 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									
06	1651	0.2	700	531	7.7	29.6	--	7.5	99
06	1651	2.8	700	532	7.8	29.2	--	7.8	103
06	1656	5.0	700	524	7.7	28.2	--	5.9	77
06	1652	9.8	700	531	7.4	27.8	--	5.6	72
06	1652	15	700	532	7.4	27.6	--	5.4	69
06	1653	20	700	532	7.4	27.5	--	5.2	67
06	1653	25	700	532	7.4	27.5	--	5.1	65
06	1654	30	700	533	7.4	27.5	--	5.1	66
06	1654	35	700	530	7.4	27.5	--	5.2	66
06	1655	40	700	532	7.4	27.5	--	5.0	65
06	1655	45	700	530	7.4	27.5	--	4.9	63
06	1644	0.2	900	531	7.7	29.7	--	7.0	94
06	1644	2.8	900	529	7.7	29.3	--	7.3	96
06	1645	4.9	900	530	7.7	28.7	--	7.1	93
06	1645	9.7	900	531	7.4	27.7	--	5.7	73
06	1646	15	900	529	7.4	27.6	--	5.3	69
06	1646	20	900	533	7.4	27.6	--	5.2	67
06	1647	25	900	529	7.4	27.6	--	5.2	66
06	1647	30	900	532	7.4	27.5	--	5.1	65
06	1648	35	900	528	7.4	27.6	--	5.1	65
06	1649	40	900	532	7.4	27.5	--	5.1	65
06	1649	45	900	533	7.4	27.5	--	5.1	65
20	1545	0.5	200	646	7.5	24.0	--	5.3	64
20	1545	2.8	200	646	7.4	24.0	--	5.2	63
20	1546	4.9	200	646	7.4	24.0	--	5.2	63
20	1546	10	200	647	7.4	24.0	--	5.2	63
20	1547	15	200	647	7.4	24.0	--	5.2	62
20	1547	20	200	647	7.4	24.0	--	5.2	62
20	1548	25	200	646	7.4	24.0	--	5.2	63
20	1549	30	200	645	7.4	24.0	--	5.2	63
20	1549	35	200	649	7.4	24.0	--	5.2	63
20	1550	40	200	652	7.4	24.0	--	5.1	61

Table 30. *Water-quality data for station 390721081443001, Ohio River at river mile 203.6, June to October, 1995, 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									
20	1522	0.7	700	647	7.4	24.0	--	5.3	64
20	1522	3.3	700	647	7.4	24.0	--	5.3	64
20	1523	4.9	700	648	7.4	24.0	--	5.3	63
20	1524	10	700	647	7.4	24.0	--	5.2	63
20	1524	15	700	649	7.4	24.0	--	5.2	63
20	1525	20	700	645	7.4	24.0	--	5.2	63
20	1525	25	700	649	7.4	24.0	--	5.2	63
20	1526	30	700	648	7.4	24.0	--	5.2	63
20	1527	35	700	647	7.4	24.0	--	5.2	63
20	1527	40	700	648	7.4	24.0	--	5.2	63
20	1528	45	700	648	7.4	24.0	--	5.2	62
20	1530	0.5	700	647	7.4	24.0	--	5.2	63
20	1530	3.3	700	647	7.4	24.0	--	5.2	63
20	1531	5.0	700	648	7.4	24.0	--	5.2	63
20	1531	11	700	648	7.4	24.0	--	5.2	63
20	1532	15	700	648	7.4	24.0	--	5.2	63
20	1532	20	700	647	7.4	24.0	--	5.2	63
20	1533	25	700	648	7.4	24.0	--	5.2	63
20	1533	30	700	648	7.4	24.0	--	5.2	63
20	1534	35	700	648	7.4	24.0	--	5.2	63
20	1534	40	700	648	7.4	24.0	--	5.2	62
20	1535	42	700	648	7.4	24.0	--	5.2	62
20	1513	1.0	900	645	7.4	24.0	--	5.2	63
20	1514	3.2	900	642	7.4	24.0	--	5.2	62
20	1514	5.0	900	644	7.4	24.0	--	5.2	63
20	1515	9.9	900	647	7.4	24.0	--	5.1	61
20	1515	15	900	648	7.4	24.0	--	5.2	63
20	1516	21	900	649	7.4	24.0	--	5.2	63
20	1517	25	900	642	7.4	24.0	--	5.2	63
20	1517	30	900	648	7.4	24.0	--	5.2	63
20	1518	36	900	642	7.4	24.0	--	5.2	63
20	1518	40	900	645	7.4	24.0	--	5.2	63
20	1519	46	900	643	7.4	24.0	--	5.2	63

Table 30. *Water-quality data for station 390721081443001, Ohio River at river mile 203.6, June to October, 1995, 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									
05	1337	0.3	200	645	7.3	21.9	--	6.4	74
05	1336	3.0	200	647	7.3	21.9	--	6.4	75
05	1335	5.3	200	651	7.3	21.9	--	6.4	74
05	1335	10	200	646	7.3	21.8	--	6.4	74
05	1334	15	200	654	7.3	21.8	--	6.4	74
05	1334	20	200	651	7.3	21.8	--	6.4	74
05	1333	25	200	654	7.3	21.8	--	6.4	74
05	1332	30	200	656	7.3	21.8	--	6.4	74
05	1332	38	200	666	7.3	21.8	--	6.4	75
05	1330	0.3	500	646	7.3	21.9	--	6.5	76
05	1330	3.1	500	646	7.3	21.9	--	6.6	77
05	1329	5.1	500	650	7.3	21.9	--	6.5	75
05	1329	10	500	655	7.3	21.8	--	6.5	75
05	1328	15	500	659	7.3	21.8	--	6.5	75
05	1328	20	500	653	7.3	21.8	--	6.5	75
05	1327	25	500	653	7.3	21.8	--	6.4	74
05	1327	31	500	659	7.3	21.8	--	6.4	75
05	1326	35	500	660	7.3	21.8	--	6.4	74
05	1326	39	500	659	7.3	21.8	--	6.4	75
05	1324	0.3	700	641	7.3	21.9	--	6.6	76
05	1322	3.7	700	647	7.3	21.9	--	6.7	77
05	1323	5.0	700	649	7.3	21.9	--	6.6	76
05	1321	10	700	652	7.3	21.9	--	6.6	76
05	1321	15	700	656	7.3	21.9	--	6.5	75
05	1320	18	700	653	7.3	21.8	--	6.5	75
05	1319	25	700	658	7.3	21.8	--	6.5	75
05	1319	30	700	658	7.3	21.8	--	6.5	75
05	1318	35	700	655	7.3	21.8	--	6.5	75
05	1317	41	700	659	7.3	21.8	--	6.5	75
05	1317	45	700	662	7.3	21.8	--	6.5	75

Table 30. *Water-quality data for station 390721081443001, Ohio River at river mile 203.6, June to October, 1995, 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									
05	1307	0.6	900	640	7.4	21.9	--	6.8	79
05	1307	2.9	900	648	7.3	21.9	--	6.7	77
05	1308	4.8	900	646	7.3	22.0	--	6.7	78
05	1308	10	900	655	7.3	21.9	--	6.6	77
05	1309	15	900	650	7.3	21.9	--	6.6	76
05	1310	20	900	655	7.3	21.9	--	6.5	76
05	1310	25	900	654	7.3	21.9	--	6.6	76
05	1311	30	900	650	7.3	21.9	--	6.5	75
05	1311	35	900	656	7.3	21.9	--	6.4	74
05	1312	40	900	660	7.3	21.9	--	6.3	74
05	1312	45	900	653	7.3	21.9	--	6.5	75
05	1313	49	900	653	7.3	21.9	--	6.4	74
19	1638	0.9	200	517	7.5	19.3	--	7.8	86
19	1638	3.1	200	516	7.5	19.2	--	7.7	84
19	1639	5.1	200	516	7.5	18.8	--	7.4	80
19	1639	9.7	200	514	7.4	18.5	--	7.2	77
19	1640	15	200	513	7.4	18.2	--	7.1	76
19	1640	21	200	513	7.4	18.2	--	7.1	76
19	1641	25	200	514	7.4	18.2	--	7.0	75
19	1641	29	200	514	7.4	18.1	--	6.9	74
19	1642	35	200	514	7.4	18.1	--	6.9	74
19	1644	0.9	500	515	7.5	19.2	--	7.7	85
19	1644	3.2	500	515	7.5	19.0	--	7.4	80
19	1645	5.2	500	514	7.4	18.5	--	7.3	78
19	1645	9.9	500	513	7.4	18.2	--	7.1	76
19	1646	15	500	513	7.4	18.2	--	7.1	76
19	1646	20	500	513	7.4	18.2	--	7.0	75
19	1647	25	500	514	7.4	18.2	--	7.0	74
19	1647	30	500	514	7.4	18.2	--	6.9	74
19	1648	35	500	515	7.4	18.2	--	6.9	74
19	1648	39	500	514	7.4	18.2	--	6.9	74

Table 30. *Water-quality data for station 390721081443001, Ohio River at river mile 203.6, June to October, 1995, 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									
19	1650	1.1	700	516	7.5	19.0	--	7.5	82
19	1650	3.2	700	515	7.4	18.7	--	7.3	79
19	1651	5.1	700	514	7.4	18.5	--	7.2	77
19	1651	9.6	700	514	7.4	18.2	--	7.1	76
19	1652	15	700	514	7.4	18.2	--	7.1	76
19	1653	20	700	514	7.4	18.2	--	7.0	75
19	1652	25	700	514	7.4	18.2	--	7.0	75
19	1655	30	700	514	7.4	18.2	--	6.9	74
19	1654	36	700	514	7.4	18.2	--	6.9	74
19	1654	40	700	514	7.4	18.2	--	6.9	74
19	1653	45	700	514	7.4	18.2	--	6.9	74
19	1658	1.1	900	514	7.4	18.5	--	7.1	77
19	1658	3.2	900	513	7.4	18.5	--	7.1	77
19	1659	5.1	900	513	7.4	18.4	--	7.1	76
19	1659	9.9	900	514	7.4	18.3	--	6.9	74
19	1700	15	900	515	7.4	18.3	--	7.0	75
19	1700	20	900	514	7.4	18.4	--	7.0	75
19	1701	25	900	514	7.4	18.4	--	7.0	76
19	1701	30	900	513	7.4	18.4	--	6.8	73
19	1702	35	900	516	7.4	18.3	--	6.8	73
19	1702	40	900	513	7.4	18.3	--	6.8	73
19	1703	45	900	517	7.4	18.3	--	6.7	72
19	1703	50	900	521	7.4	18.3	--	6.9	74

Table 31. *Daily maximum, minimum, and mean specific conductance at station 392145081185601, from the Willow Island Dam (upstream) continuous-recording water-quality monitor, June to October 1995.*

[---, 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	---	---	---	314	306	309	361	332	341
2	---	---	---	311	305	309	389	361	377
3	---	---	---	310	302	305	408	389	397
4	---	---	---	302	284	292	412	408	410
5	---	---	---	313	295	305	412	406	409
6	---	---	---	325	313	320	411	405	407
7	---	---	---	320	315	317	426	411	417
8	---	---	---	325	319	323	432	422	426
9	---	---	---	326	323	324	432	428	430
10	---	---	---	334	326	328	431	424	427
11	---	---	---	339	328	332	425	417	419
12	---	---	---	342	318	329	422	414	417
13	---	---	---	324	316	320	434	419	425
14	---	---	---	329	319	326	438	432	433
15	---	---	---	337	325	330	441	432	434
16	---	---	---	347	335	341	456	434	445
17	---	---	---	356	343	346	475	451	457
18	---	---	---	351	348	349	489	475	483
19	---	---	---	362	350	353	499	474	490
20	---	---	---	364	354	357	474	452	461
21	---	---	---	---	---	---	453	450	452
22	---	---	---	352	342	346	458	450	451
23	---	---	---	347	338	341	460	451	453
24	269	260	264	350	344	346	469	458	463
25	266	260	264	351	344	347	476	467	470
26	264	260	262	372	347	358	477	468	473
27	272	260	263	373	363	367	480	466	470
28	282	272	279	391	366	381	499	475	486
29	283	277	281	366	348	352	510	498	506
30	289	281	285	350	338	344	509	499	503
31	306	289	297	---	---	---	506	497	499
Month	---	---	---	---	---	---	510	332	443

Table 31. *Daily maximum, minimum, and mean specific conductance at station 392145081185601, from the Willow Island Dam (upstream) continuous-recording water-quality monitor, June to October 1995--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	500	493	497	530	521	526	605	594	599
2	516	496	505	523	521	522	597	592	594
3	524	513	517	543	523	530	605	591	599
4	524	520	522	560	539	550	591	560	573
5	526	521	523	572	560	565	587	559	569
6	535	523	529	583	569	576	598	587	595
7	531	373	442	588	580	583	610	597	605
8	482	430	460	605	588	593	627	607	617
9	496	433	462	619	603	611	628	610	620
10	495	488	491	642	618	632	610	596	600
11	489	472	479	649	638	642	600	583	594
12	504	475	491	662	645	650	588	572	577
13	504	499	501	658	636	651	581	571	572
14	502	494	498	642	630	633	571	567	569
15	517	499	506	654	642	647	577	566	571
16	534	516	528	667	652	661	574	557	563
17	530	525	528	666	651	661	557	534	546
18	526	521	522	653	644	650	553	537	544
19	525	505	517	649	640	644	568	553	561
20	531	516	520	650	643	647	568	555	562
21	542	529	535	648	630	638	567	553	562
22	551	540	545	635	610	625	553	542	545
23	550	532	543	631	608	619	546	536	541
24	534	529	531	617	588	598	556	546	553
25	535	531	533	593	586	588	563	555	559
26	537	534	535	589	575	583	584	561	575
27	540	530	535	578	570	573	576	560	566
28	531	526	528	589	575	583	589	569	579
29	533	527	529	596	588	590	589	575	584
30	536	531	532	606	594	601	579	571	574
31	536	528	530	---	---	---	586	579	582
Month	551	373	513	667	521	606	628	534	576

Table 32. *Daily maximum, minimum, and median pH at station 392145081185601, from the Willow Island Dam (upstream) continuous-recording water-quality monitor, June to October 1995.*

[---, value not determined]

Day	pH, in standard units								
	May			June			July		
	Maximum	Minimum	Median	Maximum	Minimum	Median	Maximum	Minimum	Median
1	---	---	---	7.6	7.5	7.5	7.3	7.1	7.2
2	---	---	---	7.6	7.4	7.5	7.4	7.3	7.3
3	---	---	---	7.6	7.5	7.5	7.4	7.3	7.4
4	---	---	---	7.5	7.4	7.5	7.4	7.3	7.4
5	---	---	---	7.7	7.5	7.5	7.4	7.3	7.3
6	---	---	---	7.6	7.5	7.5	7.4	7.3	7.4
7	---	---	---	7.8	7.5	7.6	7.5	7.4	7.4
8	---	---	---	8.4	7.6	7.8	7.6	7.4	7.4
9	---	---	---	8.3	7.7	7.8	7.7	7.4	7.5
10	---	---	---	8.1	7.7	7.7	7.7	7.4	7.6
11	---	---	---	8.0	7.5	7.7	7.7	7.5	7.6
12	---	---	---	7.5	7.3	7.3	7.6	7.3	7.5
13	---	---	---	7.3	7.2	7.3	7.7	7.3	7.4
14	---	---	---	7.5	7.3	7.3	7.7	7.4	7.5
15	---	---	---	7.6	7.3	7.4	7.6	7.3	7.4
16	---	---	---	7.6	7.4	7.4	7.6	7.3	7.4
17	---	---	---	7.8	7.3	7.4	7.6	7.3	7.4
18	---	---	---	7.7	7.4	7.4	7.5	7.3	7.3
19	---	---	---	7.8	7.3	7.4	7.5	7.3	7.4
20	---	---	---	7.5	7.3	7.4	7.5	7.3	7.4
21	---	---	---	---	---	---	7.6	7.3	7.4
22	---	---	---	7.6	7.3	7.4	7.3	7.2	7.3
23	---	---	---	7.4	7.2	7.3	7.3	7.3	7.3
24	7.4	7.3	7.4	7.4	7.2	7.3	7.4	7.2	7.3
25	7.4	7.4	7.4	7.3	7.2	7.3	7.4	7.2	7.3
26	7.4	7.4	7.4	7.5	7.3	7.3	7.6	7.3	7.4
27	7.4	7.3	7.4	7.4	7.3	7.3	7.7	7.4	7.5
28	7.4	7.3	7.4	7.7	7.3	7.4	7.7	7.4	7.5
29	7.5	7.4	7.4	7.4	7.2	7.3	7.5	7.4	7.4
30	7.5	7.4	7.4	7.2	7.1	7.2	7.8	7.4	7.5
31	7.6	7.4	7.5	---	---	---	7.6	7.4	7.4
Month	---	---	---	---	---	---	7.8	7.1	---

Table 32. *Daily maximum, minimum, and median pH at station 392145081185601, from the Willow Island Dam (upstream) continuous-recording water-quality monitor, June to October 1995-- Continued.*

[---, value not determined]

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

Table 33. *Daily maximum, minimum, and mean water temperature at station 392145081185601, from the Willow Island Dam (upstream) continuous-recording water-quality monitor, June to October 1995.*

[---, value not determined]

Day	Water temperature, in degrees Celsius								
	May			June			July		
	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean
1	---	---	---	20.8	20.1	20.3	27.3	26.7	26.9
2	---	---	---	20.8	20.2	20.5	27.2	26.3	26.6
3	---	---	---	20.7	20.1	20.3	27.6	26.3	26.7
4	---	---	---	20.7	20.4	20.5	26.7	26.4	26.5
5	---	---	---	22.2	20.7	21.3	27.5	26.4	26.7
6	---	---	---	22.6	21.4	21.7	27.1	26.4	26.6
7	---	---	---	22.6	21.9	22.2	27.1	26.5	26.8
8	---	---	---	23.9	22.3	22.9	27.6	26.6	26.8
9	---	---	---	23.8	22.7	23.3	27.4	26.6	26.8
10	---	---	---	23.9	23.0	23.4	27.8	26.7	27.1
11	---	---	---	24.2	23.2	23.7	27.7	26.9	27.2
12	---	---	---	23.8	22.8	23.2	28.8	27.2	27.4
13	---	---	---	23.2	22.6	22.9	28.2	27.1	27.5
14	---	---	---	24.1	22.7	23.1	28.7	27.4	27.9
15	---	---	---	23.9	22.8	23.3	29.8	27.6	28.2
16	---	---	---	24.2	23.2	23.5	29.7	27.9	28.4
17	---	---	---	24.7	23.4	23.8	29.3	28.3	28.7
18	---	---	---	25.8	23.9	24.4	28.6	28.2	28.4
19	---	---	---	25.3	24.2	24.5	28.8	28.1	28.4
20	---	---	---	25.9	24.3	24.7	29.2	28.0	28.4
21	---	---	---	27.3	24.8	25.4	29.0	28.3	28.5
22	---	---	---	26.4	25.1	25.6	29.5	28.2	28.5
23	---	---	---	26.0	25.2	25.6	29.4	28.3	28.5
24	19.0	18.1	18.5	27.0	25.2	25.5	28.8	28.3	28.5
25	19.1	18.6	18.8	26.4	25.5	25.8	28.9	28.2	28.6
26	19.4	19.1	19.2	27.6	26.1	26.6	29.5	28.4	28.7
27	20.0	19.3	19.5	27.5	26.5	26.9	30.5	28.6	29.0
28	20.1	19.5	19.7	28.4	26.8	27.4	29.6	28.8	29.0
29	20.0	19.5	19.8	28.4	27.0	27.5	29.8	29.1	29.3
30	19.8	19.7	19.7	27.8	27.0	27.2	30.6	29.3	29.7
31	20.7	19.6	20.0	---	---	---	31.0	29.6	30.1
Month	---	---	---	28.4	20.1	23.9	31.0	26.3	27.9

Table 33. *Daily maximum, minimum, and mean water temperature at station 392145081185601, from the Willow Island Dam (upstream) continuous-recording water-quality monitor, June to October 1995--Continued.*

[---, value not determined]

Day	Water temperature, in degrees Celsius								
	August			September			October		
	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean
1	30.8	29.5	29.9	29.9	29.2	29.6	22.3	22.0	22.1
2	31.3	29.7	30.1	29.2	28.6	28.8	22.3	22.0	22.2
3	30.8	29.8	30.4	28.6	28.2	28.4	22.7	22.0	22.2
4	31.1	30.2	30.4	28.6	28.2	28.3	22.2	22.1	22.2
5	30.8	30.0	30.3	29.5	28.3	28.7	22.1	21.9	22.0
6	30.2	29.5	29.7	29.1	27.9	28.4	22.1	21.8	21.9
7	29.8	27.3	28.4	28.8	27.7	28.0	22.0	21.7	21.9
8	29.5	28.7	29.2	28.5	27.8	27.9	21.8	21.5	21.6
9	29.7	28.9	29.2	28.1	27.4	27.6	21.8	21.2	21.4
10	29.9	29.2	29.4	27.6	26.8	27.2	21.8	21.2	21.4
11	30.2	28.7	29.1	27.1	26.4	26.7	22.0	21.3	21.5
12	29.0	28.4	28.7	26.8	26.3	26.5	22.3	21.4	21.7
13	29.6	28.7	28.9	26.5	26.0	26.1	22.4	21.4	21.7
14	30.3	29.2	29.6	26.2	25.8	25.9	22.3	21.3	21.6
15	31.1	29.5	29.9	26.7	25.7	26.0	21.3	20.5	20.8
16	31.1	29.7	30.2	25.7	25.1	25.4	20.7	20.0	20.3
17	32.0	30.1	30.5	25.3	24.7	25.0	20.3	19.5	19.8
18	31.2	30.4	30.7	24.7	24.3	24.5	19.8	19.3	19.4
19	32.4	30.6	31.0	24.9	24.0	24.3	20.6	19.5	19.8
20	31.9	30.2	30.8	24.3	24.1	24.2	20.1	19.1	19.5
21	31.6	30.4	31.0	24.6	24.1	24.3	19.2	18.6	18.9
22	31.2	30.5	30.8	24.3	23.5	24.0	18.7	18.5	18.6
23	30.9	30.2	30.4	23.6	23.1	23.3	18.8	18.0	18.3
24	30.7	29.8	30.1	23.1	22.6	22.8	18.0	17.5	17.7
25	30.5	29.8	30.0	23.2	22.5	22.8	17.5	17.0	17.3
26	30.7	29.6	29.9	22.6	22.2	22.3	17.0	16.8	16.9
27	30.7	29.6	30.0	22.2	22.1	22.1	17.2	16.8	16.9
28	30.6	29.5	29.9	22.3	21.9	22.1	17.1	16.7	16.9
29	30.6	29.6	29.9	22.8	22.0	22.2	16.7	16.2	16.4
30	30.2	29.6	29.8	23.1	21.9	22.1	16.2	16.0	16.1
31	30.0	29.6	29.7	---	---	---	16.2	15.8	16.1
Month	32.4	27.3	29.9	29.9	21.9	25.5	22.7	15.8	19.8

Table 34. *Daily maximum, minimum, and mean dissolved oxygen concentrations at station 392145081185601, from the Willow Island Dam (upstream) continuous-recording water-quality monitor, June to October 1995.*

[---, value not determined]

Day	Dissolved oxygen concentration, in milligrams per liter								
	May			June			July		
	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean
1	---	---	---	9.7	9.2	9.3	5.7	5.3	5.5
2	---	---	---	9.5	9.1	9.2	6.1	5.4	5.6
3	---	---	---	9.4	9.1	9.2	6.3	5.5	5.8
4	---	---	---	9.6	9.2	9.4	5.9	5.5	5.7
5	---	---	---	9.9	9.3	9.6	6.1	5.4	5.6
6	---	---	---	9.5	8.8	9.2	5.9	5.4	5.6
7	---	---	---	9.9	8.8	9.4	6.2	5.7	5.9
8	---	---	---	11.5	9.6	10.2	7.0	5.8	6.1
9	---	---	---	11.2	9.9	10.4	7.5	6.1	6.4
10	---	---	---	10.4	9.6	10.1	7.8	6.2	6.9
11	---	---	---	10.2	9.2	9.7	8.2	6.5	6.9
12	---	---	---	9.2	8.1	8.4	8.7	6.6	6.9
13	---	---	---	8.1	7.9	8.0	8.2	6.7	7.4
14	---	---	---	8.6	7.9	8.1	8.5	7.1	7.7
15	---	---	---	9.0	7.9	8.3	8.1	7.0	7.2
16	---	---	---	8.6	7.9	8.1	8.2	6.8	7.2
17	---	---	---	8.9	7.7	8.2	7.9	6.7	7.2
18	---	---	---	8.8	8.1	8.3	7.4	6.4	6.8
19	---	---	---	9.1	8.0	8.3	7.0	6.0	6.4
20	---	---	---	8.7	7.9	8.2	6.9	6.0	6.3
21	---	---	---	8.6	7.8	8.1	7.4	6.0	6.3
22	---	---	---	8.2	7.3	7.6	6.2	5.5	5.8
23	---	---	---	7.3	6.7	7.1	6.1	5.5	5.8
24	9.4	9.2	9.3	7.3	6.6	6.7	6.3	5.4	5.7
25	9.4	9.3	9.3	7.0	6.2	6.6	6.5	5.4	5.7
26	9.3	9.1	9.2	7.4	6.4	6.7	7.2	5.8	6.2
27	9.1	9.0	9.1	7.1	6.3	6.5	8.1	6.6	7.1
28	9.3	9.0	9.2	7.9	6.4	6.9	7.9	6.4	6.9
29	9.4	9.1	9.2	6.8	6.0	6.5	7.2	6.6	6.9
30	9.4	9.2	9.3	6.0	5.5	5.7	8.4	6.7	7.2
31	9.7	9.2	9.4	---	---	---	7.9	6.9	7.2
Month	---	---	---	11.5	5.5	8.3	8.7	5.3	6.4

Table 34. *Daily maximum, minimum, and mean dissolved oxygen concentrations at station 392145081185601, from the Willow Island Dam (upstream) continuous-recording water-quality monitor, June to October 1995-- 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	8.4	6.6	7.3	6.6	5.7	6.1	7.5	6.8	7.1
2	7.5	6.8	7.2	7.3	6.0	6.3	7.2	6.8	7.0
3	7.8	6.9	7.3	6.5	5.9	6.1	7.8	6.9	7.1
4	7.4	6.7	7.0	6.6	6.1	6.3	6.9	6.7	6.8
5	7.2	6.7	7.0	7.4	6.0	6.6	6.8	6.6	6.7
6	7.2	6.8	6.9	7.3	6.2	6.7	6.9	6.6	6.7
7	7.0	6.1	6.4	7.0	6.1	6.4	6.8	6.6	6.7
8	7.1	6.3	6.8	6.6	6.2	6.3	6.9	6.6	6.8
9	7.2	6.7	6.9	6.7	5.9	6.3	6.9	6.6	6.8
10	6.9	6.2	6.5	6.7	6.1	6.3	7.2	6.8	6.9
11	6.8	6.1	6.3	7.0	6.2	6.4	7.2	6.8	7.0
12	6.7	6.1	6.4	6.7	6.3	6.4	7.6	6.8	7.1
13	8.3	6.4	6.8	6.3	6.1	6.2	7.6	6.8	7.1
14	8.4	6.8	7.4	6.4	6.1	6.2	7.4	6.8	6.9
15	8.5	6.7	7.2	6.9	6.1	6.4	7.2	6.8	7.0
16	8.6	6.9	7.5	6.5	6.1	6.3	7.3	7.0	7.1
17	9.0	6.7	7.4	6.4	6.0	6.1	7.7	7.1	7.3
18	7.7	6.6	7.1	6.2	6.0	6.1	7.3	7.1	7.2
19	9.6	6.9	7.5	---	---	---	7.5	7.1	7.3
20	8.8	6.6	7.4	6.9	6.0	6.3	7.3	7.0	7.1
21	8.6	6.8	7.4	6.3	5.7	6.0	7.2	7.1	7.1
22	7.7	6.6	7.0	6.2	5.8	6.0	7.3	7.1	7.2
23	7.1	6.4	6.8	6.6	6.1	6.3	7.5	7.2	7.3
24	7.3	6.1	6.4	6.7	6.4	6.5	7.6	7.4	7.5
25	6.8	5.9	6.3	7.2	6.5	6.7	7.6	7.6	7.6
26	7.0	6.1	6.4	6.7	6.1	6.4	7.7	7.6	7.6
27	6.6	5.9	6.2	6.6	6.1	6.3	7.7	7.6	7.6
28	6.8	5.8	6.2	7.5	6.4	6.7	7.8	7.6	7.7
29	6.3	5.8	6.0	7.5	6.4	6.7	7.9	7.8	7.9
30	6.6	5.7	6.0	7.9	6.6	6.9	7.9	7.8	7.9
31	6.3	5.8	6.0	---	---	---	7.9	7.9	7.9
Month	9.6	5.7	6.8	---	---	---	7.9	6.6	7.2

Table 35. *Daily maximum, minimum, and mean specific conductance at station 392125081193601, from the Willow Island Dam (downstream) continuous-recording water-quality monitor, June to October 1995.*

[---, 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	---	---	---	307	302	305	357	333	340
2	---	---	---	309	305	307	388	357	375
3	---	---	---	305	299	302	407	388	396
4	---	---	---	300	283	290	412	407	410
5	---	---	---	309	292	301	413	407	411
6	---	---	---	322	309	317	411	407	408
7	---	---	---	317	313	314	428	411	417
8	---	---	---	321	315	319	430	426	429
9	---	---	---	322	320	320	435	430	432
10	---	---	---	325	322	324	435	428	431
11	---	---	---	336	325	329	428	420	424
12	---	---	---	338	315	327	425	420	422
13	---	---	---	321	314	318	434	422	426
14	---	---	---	325	316	322	440	434	438
15	---	---	---	333	323	326	437	436	436
16	---	---	---	342	333	337	453	435	444
17	---	---	---	345	341	342	470	450	455
18	---	---	---	350	345	347	486	470	481
19	---	---	---	352	349	351	497	478	490
20	---	---	---	356	351	354	478	454	466
21	---	---	---	357	351	354	455	452	453
22	---	---	---	352	339	346	455	452	453
23	---	---	---	344	335	339	458	453	454
24	---	---	---	346	343	345	469	458	463
25	---	---	---	347	344	346	474	469	471
26	---	---	---	366	345	352	481	472	476
27	267	257	259	367	360	363	481	474	477
28	279	267	275	386	364	378	503	481	491
29	279	277	278	372	348	353	519	499	511
30	286	277	281	354	339	344	518	510	513
31	302	285	293	---	---	---	512	509	510
Month	---	---	---	386	283	332	519	333	445

Table 35. *Daily maximum, minimum, and mean specific conductance at station 392125081193601, from the Willow Island Dam (downstream) continuous-recording water-quality monitor, June to October 1995--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	509	502	505	531	528	530	607	599	603
2	521	504	512	531	529	530	600	592	596
3	529	518	525	544	530	536	602	596	599
4	532	528	531	562	544	553	597	549	573
5	533	531	532	574	562	569	572	548	556
6	541	531	536	588	574	581	587	572	581
7	541	382	453	596	588	592	595	587	592
8	487	442	471	607	595	600	612	594	602
9	481	440	461	626	607	616	619	600	612
10	483	475	480	649	625	638	603	586	591
11	477	461	469	656	647	652	589	576	586
12	495	462	479	662	655	658	576	564	570
13	496	490	493	667	649	661	569	561	563
14	492	486	490	649	641	644	562	558	560
15	504	487	495	660	645	653	564	555	560
16	525	495	517	673	660	667	560	546	553
17	525	522	524	675	666	672	548	525	537
18	525	520	522	667	656	661	546	525	533
19	521	497	515	657	651	654	574	546	564
20	522	497	504	659	651	655	573	563	569
21	536	512	525	---	---	---	572	563	567
22	545	524	540	647	621	635	567	549	555
23	546	532	541	636	616	626	549	541	546
24	532	528	530	632	600	614	561	543	554
25	533	529	532	601	579	594	566	559	563
26	535	533	534	596	579	591	586	566	576
27	535	532	534	587	576	581	579	562	568
28	532	526	528	592	576	584	590	571	579
29	529	526	528	595	590	593	590	579	586
30	531	527	529	606	593	602	579	573	576
31	532	528	531	---	---	---	584	578	581
Month	546	382	512	---	---	---	619	525	573

Table 36. *Daily maximum, minimum, and median pH at station 392125081193601, from the Willow Island Dam (downstream) continuous-recording water-quality monitor, June to October 1995.*

[---, value not determined]

Day	pH, in standard units								
	May			June			July		
	Maximum	Minimum	Median	Maximum	Minimum	Median	Maximum	Minimum	Median
1	---	---	---	7.4	7.4	7.4	7.3	7.2	7.2
2	---	---	---	7.4	7.3	7.4	7.3	7.3	7.3
3	---	---	---	7.4	7.4	7.4	7.4	7.3	7.3
4	---	---	---	7.5	7.4	7.4	7.4	7.4	7.4
5	---	---	---	7.6	7.4	7.5	7.4	7.3	7.3
6	---	---	---	7.5	7.4	7.5	7.3	7.2	7.2
7	---	---	---	7.7	7.4	7.6	7.3	7.2	7.2
8	---	---	---	8.0	7.6	7.7	7.3	7.3	7.3
9	---	---	---	8.1	7.7	7.9	7.4	7.3	7.3
10	---	---	---	7.9	7.7	7.8	7.4	7.3	7.3
11	---	---	---	7.9	7.7	7.7	7.4	7.3	7.4
12	---	---	---	7.7	7.4	7.4	7.4	7.3	7.4
13	---	---	---	7.4	7.4	7.4	7.5	7.3	7.4
14	---	---	---	7.5	7.4	7.5	7.5	7.4	7.4
15	---	---	---	7.6	7.5	7.5	7.4	7.4	7.4
16	---	---	---	7.6	7.5	7.5	7.4	7.3	7.4
17	---	---	---	7.6	7.5	7.6	7.4	7.3	7.4
18	---	---	---	7.7	7.5	7.6	7.4	7.3	7.4
19	---	---	---	7.6	7.5	7.6	7.5	7.3	7.4
20	---	---	---	7.6	7.5	7.5	7.4	7.4	7.4
21	---	---	---	7.6	7.5	7.5	7.4	7.4	7.4
22	---	---	---	7.5	7.4	7.5	7.4	7.3	7.3
23	---	---	---	7.5	7.4	7.4	7.4	7.3	7.3
24	---	---	---	7.4	7.4	7.4	7.4	7.3	7.3
25	---	---	---	7.4	7.4	7.4	7.4	7.3	7.3
26	---	---	---	7.5	7.4	7.4	7.4	7.3	7.4
27	7.2	7.2	7.2	7.5	7.4	7.4	7.4	7.3	7.3
28	7.3	7.2	7.2	7.6	7.4	7.5	7.4	7.3	7.3
29	7.3	7.2	7.3	7.4	7.3	7.4	7.4	7.3	7.3
30	7.4	7.3	7.3	7.3	7.2	7.2	7.4	7.3	7.3
31	7.4	7.3	7.4	---	---	---	7.5	7.3	7.4
Month	---	---	---	8.1	7.2	---	7.5	7.2	---

Table 36. *Daily maximum, minimum, and median pH at station 392125081193601, from the Willow Island Dam (downstream) continuous-recording water-quality monitor, June to October 1995-- Continued.*

[---, value not determined]

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

Table 37. *Daily maximum, minimum, and mean water temperature at station 392125081193601, from the Willow Island Dam (downstream) continuous-recording water-quality monitor, June to October 1995.*

[---, value not determined]

Day	Water temperature, in degrees Celsius								
	May			June			July		
	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean
1	---	---	---	20.4	20.0	20.2	27.1	26.6	26.9
2	---	---	---	20.5	20.2	20.4	26.7	26.3	26.5
3	---	---	---	20.4	20.1	20.2	26.8	26.2	26.5
4	---	---	---	20.6	20.3	20.4	26.6	26.3	26.5
5	---	---	---	21.5	20.6	21.0	26.8	26.4	26.6
6	---	---	---	21.8	21.3	21.5	26.8	26.5	26.6
7	---	---	---	22.5	21.7	22.1	26.8	26.6	26.7
8	---	---	---	23.0	22.3	22.6	27.0	26.5	26.7
9	---	---	---	23.2	22.7	23.0	27.0	26.6	26.7
10	---	---	---	23.4	23.0	23.2	27.0	26.7	26.9
11	---	---	---	23.8	23.2	23.5	27.2	26.9	27.1
12	---	---	---	23.7	22.8	23.2	27.7	27.1	27.4
13	---	---	---	23.0	22.5	22.8	28.0	27.4	27.6
14	---	---	---	23.4	22.6	23.0	28.3	27.6	27.8
15	---	---	---	23.6	22.7	23.1	28.5	27.8	28.2
16	---	---	---	23.8	23.2	23.5	28.7	28.1	28.3
17	---	---	---	24.1	23.4	23.8	28.9	28.5	28.7
18	---	---	---	24.7	24.0	24.3	28.7	28.4	28.6
19	---	---	---	24.9	24.2	24.5	28.8	28.1	28.5
20	---	---	---	25.0	24.5	24.7	28.9	28.3	28.5
21	---	---	---	25.6	24.8	25.1	28.9	28.4	28.6
22	---	---	---	25.6	25.2	25.4	28.9	28.3	28.6
23	---	---	---	25.7	25.4	25.5	28.8	28.6	28.7
24	---	---	---	25.7	25.3	25.5	28.8	28.6	28.7
25	---	---	---	26.3	25.7	25.9	28.8	28.6	28.7
26	---	---	---	26.7	26.2	26.4	29.0	28.5	28.7
27	19.8	19.2	19.5	27.2	26.5	26.8	29.1	28.6	28.8
28	19.9	19.4	19.6	27.6	26.9	27.2	29.3	28.8	29.0
29	19.8	19.5	19.7	27.6	27.0	27.3	29.5	29.1	29.3
30	19.7	19.6	19.7	27.4	26.9	27.1	29.9	29.4	29.7
31	20.2	19.5	19.8	---	---	---	30.4	29.6	29.9
Month	---	---	---	27.6	20.0	23.8	30.4	26.2	27.9

Table 37. *Daily maximum, minimum, and mean water temperature at station 392125081193601, from the Willow Island Dam (downstream) continuous-recording water-quality monitor, June to October 1995--Continued.*

[---, value not determined]

Day	Water temperature, in degrees Celsius								
	August			September			October		
	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean
1	30.2	29.7	29.9	29.7	29.3	29.6	22.2	22.0	22.1
2	30.4	29.7	30.1	29.3	28.7	29.0	22.4	22.1	22.2
3	30.3	30.1	30.2	28.7	28.3	28.5	22.2	22.0	22.1
4	30.5	30.2	30.3	28.6	28.1	28.4	22.2	22.0	22.1
5	30.5	30.1	30.3	28.9	28.2	28.5	22.0	21.9	22.0
6	30.1	29.5	29.7	28.7	28.2	28.4	22.0	21.8	21.9
7	29.7	27.4	28.5	28.2	27.7	28.0	21.9	21.6	21.8
8	29.3	28.6	29.0	28.1	27.6	27.9	21.6	21.4	21.5
9	29.4	28.8	29.0	27.9	27.6	27.7	21.5	21.2	21.3
10	29.5	29.0	29.3	27.6	26.9	27.3	21.5	21.1	21.3
11	29.5	28.8	29.1	26.9	26.5	26.7	21.6	21.2	21.4
12	28.9	28.5	28.7	26.7	26.5	26.6	21.7	21.4	21.5
13	29.3	28.8	29.0	26.5	26.1	26.3	21.7	21.4	21.6
14	29.9	29.2	29.5	26.1	25.9	26.0	21.6	21.2	21.5
15	30.1	29.6	29.8	26.2	25.9	26.0	21.2	20.5	20.7
16	30.5	29.9	30.2	25.9	25.2	25.5	20.5	19.9	20.1
17	30.8	30.3	30.5	25.2	24.8	25.1	20.0	19.3	19.6
18	30.9	30.5	30.7	24.8	24.4	24.6	19.6	19.0	19.4
19	31.2	30.6	30.9	24.4	24.1	24.2	19.9	19.5	19.7
20	31.0	30.6	30.8	24.2	24.1	24.2	19.7	19.2	19.5
21	31.0	30.6	30.8	---	---	---	19.3	18.5	18.9
22	31.1	30.5	30.8	24.2	23.6	24.0	18.7	18.4	18.6
23	30.7	30.1	30.4	23.6	23.0	23.2	18.7	18.1	18.4
24	30.2	29.8	30.0	23.0	22.7	22.8	18.1	17.6	17.9
25	30.3	29.7	30.0	22.8	22.6	22.7	17.6	17.1	17.4
26	30.1	29.6	29.8	22.6	22.2	22.4	17.1	16.9	17.0
27	30.2	29.7	29.9	22.2	22.1	22.1	17.2	16.9	17.0
28	30.0	29.6	29.8	22.2	21.8	22.1	17.2	16.7	17.0
29	29.8	29.5	29.7	22.3	21.8	22.1	16.7	16.3	16.5
30	30.1	29.7	29.8	22.2	21.9	22.1	16.3	16.2	16.2
31	29.8	29.5	29.7	---	---	---	16.2	16.0	16.2
Month	31.2	27.4	29.9	---	---	---	22.4	16.0	19.8

Table 38. *Daily maximum, minimum, and mean dissolved oxygen concentrations at station 392125081193601, from the Willow Island Dam (downstream) continuous-recording water-quality monitor, June to October 1995.*

[---, value not determined]

Day	Dissolved oxygen concentration, in milligrams per liter								
	May			June			July		
	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean
1	---	---	---	9.5	9.3	9.4	5.9	5.7	5.8
2	---	---	---	9.4	9.1	9.3	6.2	5.8	6.0
3	---	---	---	9.4	9.2	9.3	6.3	6.0	6.2
4	---	---	---	9.6	9.2	9.4	6.3	6.0	6.2
5	---	---	---	9.8	9.4	9.6	6.2	5.9	6.0
6	---	---	---	9.6	8.9	9.2	6.3	5.8	6.0
7	---	---	---	9.8	8.8	9.3	6.4	6.2	6.3
8	---	---	---	10.5	9.6	10.0	6.5	6.2	6.3
9	---	---	---	10.7	10.0	10.3	7.1	6.4	6.7
10	---	---	---	10.4	9.8	10.1	7.1	6.8	7.0
11	---	---	---	10.0	9.3	9.8	7.4	7.0	7.2
12	---	---	---	9.3	8.3	8.6	7.6	7.1	7.3
13	---	---	---	8.3	8.1	8.1	8.0	7.2	7.6
14	---	---	---	8.4	8.0	8.2	7.9	7.3	7.5
15	---	---	---	8.9	8.2	8.5	7.4	7.1	7.3
16	---	---	---	8.7	8.5	8.6	7.4	7.1	7.3
17	---	---	---	8.8	8.2	8.5	7.9	7.0	7.4
18	---	---	---	8.8	8.4	8.6	7.4	6.9	7.1
19	---	---	---	8.6	8.2	8.4	7.2	6.4	6.7
20	---	---	---	8.5	8.1	8.3	6.7	6.2	6.4
21	---	---	---	8.2	7.9	8.1	6.8	6.1	6.4
22	---	---	---	8.0	7.7	7.8	6.1	5.9	6.0
23	---	---	---	7.7	7.1	7.4	6.1	5.9	6.0
24	---	---	---	7.1	6.9	7.0	6.0	5.6	5.9
25	---	---	---	7.0	6.7	6.9	6.1	5.7	5.9
26	---	---	---	7.0	6.7	6.8	6.4	5.9	6.2
27	9.2	9.1	9.2	6.9	6.6	6.7	6.9	6.3	6.5
28	9.4	9.1	9.2	7.5	6.6	7.1	6.9	6.2	6.5
29	9.4	9.2	9.3	7.2	6.5	6.8	6.9	6.6	6.7
30	9.8	9.3	9.4	6.6	5.8	6.0	7.2	6.6	6.9
31	9.7	9.3	9.5	---	---	---	7.4	6.8	7.1
Month	---	---	---	10.7	5.8	8.4	8.0	5.6	6.6

Table 38. *Daily maximum, minimum, and mean dissolved oxygen concentrations at station 392125081193601, from the Willow Island Dam (downstream) continuous-recording water-quality monitor, June to October 1995-- 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	7.2	6.9	7.0	---	---	---	7.4	7.1	7.3
2	7.3	7.0	7.2	6.5	6.2	6.3	7.4	7.2	7.2
3	7.1	6.8	7.0	6.3	6.0	6.2	7.7	7.2	7.4
4	7.0	6.7	6.9	6.7	6.0	6.3	7.2	7.0	7.1
5	7.0	6.8	6.9	7.0	6.3	6.6	7.5	7.1	7.2
6	7.0	6.8	6.9	6.9	6.5	6.7	7.6	7.4	7.5
7	6.9	6.2	6.5	6.6	6.1	6.4	7.6	7.4	7.5
8	7.1	6.3	6.7	6.5	6.2	6.3	7.5	7.4	7.4
9	7.1	6.6	6.9	6.6	6.3	6.5	7.6	7.3	7.4
10	6.6	6.3	6.5	6.7	6.3	6.5	7.6	7.4	7.5
11	6.4	6.1	6.2	6.7	6.5	6.6	7.7	7.5	7.6
12	6.4	6.1	6.3	6.7	6.5	6.6	7.7	7.4	7.5
13	6.7	6.2	6.4	6.7	6.4	6.5	7.6	7.3	7.5
14	7.1	6.6	6.9	6.6	6.5	6.5	---	---	---
15	7.0	6.6	6.8	6.8	6.5	6.7	7.7	7.3	7.5
16	7.4	6.9	7.1	6.8	6.5	6.6	7.6	7.3	7.5
17	7.5	6.9	7.1	6.6	6.5	6.6	7.7	7.3	7.5
18	7.1	6.7	6.9	6.6	6.5	6.6	7.7	7.3	7.5
19	7.3	6.5	6.9	6.7	6.5	6.6	7.5	7.2	7.4
20	7.2	6.7	6.9	6.7	6.3	6.5	7.5	7.3	7.4
21	6.9	6.5	6.7	---	---	---	7.5	7.3	7.4
22	6.9	6.4	6.6	6.6	6.1	6.3	7.4	7.3	7.4
23	6.7	6.4	6.5	6.9	6.6	6.7	7.7	7.4	7.5
24	6.4	6.1	6.2	6.9	6.7	6.8	7.7	7.5	7.6
25	---	---	---	7.2	6.9	7.0	7.8	7.6	7.7
26	---	---	---	7.0	6.5	6.8	7.8	7.7	7.8
27	---	---	---	6.8	6.4	6.5	7.8	7.6	7.7
28	---	---	---	7.1	6.8	6.9	---	---	---
29	---	---	---	7.1	6.9	7.0	8.1	7.8	8.0
30	---	---	---	7.2	6.9	7.0	8.0	7.9	8.0
31	---	---	---	---	---	---	8.1	7.9	8.0
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.