Water-Quality Data for the Ohio River from Willow Island Dam to Belleville Dam, West Virginia and Ohio, June-October 1991

by Douglas B. Chambers, Kimberly F. Miller, Marcus C. Waldron, and Carl W. Faulkenburg

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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 was collected during the summer of 1991. Water quality was determined by a combination of synoptic field measurements and laboratory analyses. Synoptic sampling was conducted at eight cross-sectional transects and a longitudinal transect with 28 mid-channel stations. Measurements made at each cross-sectional transect included five vertical profiles of water temperature, dissolved oxygen concentration, pH, and specific conductance. Longitudinal transect stations were sampled at three depths (near the surface, middle of the water column, and at or near the bottom) for the same characteristics. Sampling was completed in 3 days or less, and was repeated approximately every 2 weeks from June through October 1991. Beginning in August 1991, water samples were collected at selected locations and analyzed for chlorophyll-*a* and pheophytin concentrations, as measures of phytoplankton biomass and phytoplankton-degradation products, respectively. The depth of light penetration was estimated at all pigment-sampling locations.

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 are designed to control seasonal flooding and maintain year-round navigation on the river. Many dams also contain hydroelectric-generating plants that were installed after construction of the navigation structures. The Federal Energy Regulatory Commission (FERC) recently 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, Pa., to Huntington, W.Va. (fig. 1).

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 deeper, slower-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. The amount of oxygen added to the water by aeration at a dam depends, in part, on flow conditions and design characteristics of the structure (Avery and Novak, 1978). Hydropower operation will divert river flow through underwater intakes where the opportunity for atmospheric gas exchange is smaller. Aeration rates may be reduced to the point where DO concentrations fall below State water-quality standards and the river's waste-assimilation capacity is diminished (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). The program uses continuous monitoring and synoptic sampling of water-quality characteristics near the dam and throughout the down-

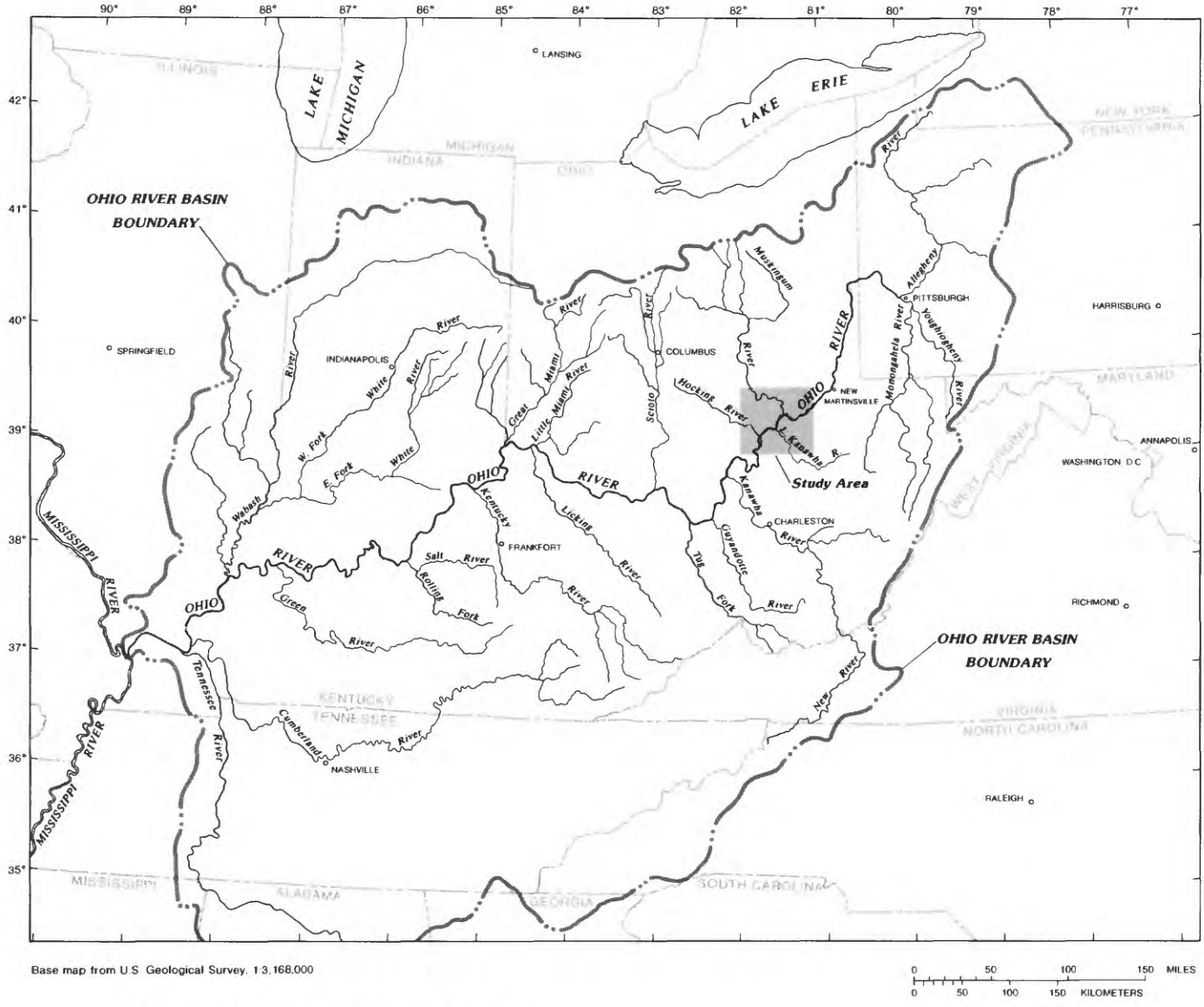

Figure 1. Ohio River drainage basin.

stream navigation pool 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 on a 43-mi section of the Ohio River beginning at river mile 160.6 (1.1 mi upstream from Willow Island Dam) and extending downstream to river mile 203.6 (0.3 mi upstream from Belleville Dam) (fig. 2).

Purpose and Scope

This report presents data on the spatial and temporal distribution of selected water-quality characteristics in the Belleville pool of the Ohio River (the reach of river from Willow Island Dam at the upstream end to Belleville Dam at the downstream end). Water quality of the Belleville pool was determined by synoptic sampling near Willow Island Dam and throughout the 43-mi length of the pool. The data-collection network for the study consisted of eight cross-sectional transects and a longitudinal transect with 28 mid-channel stations. At each cross section, five vertical profiles of water temperature, DO concentration,

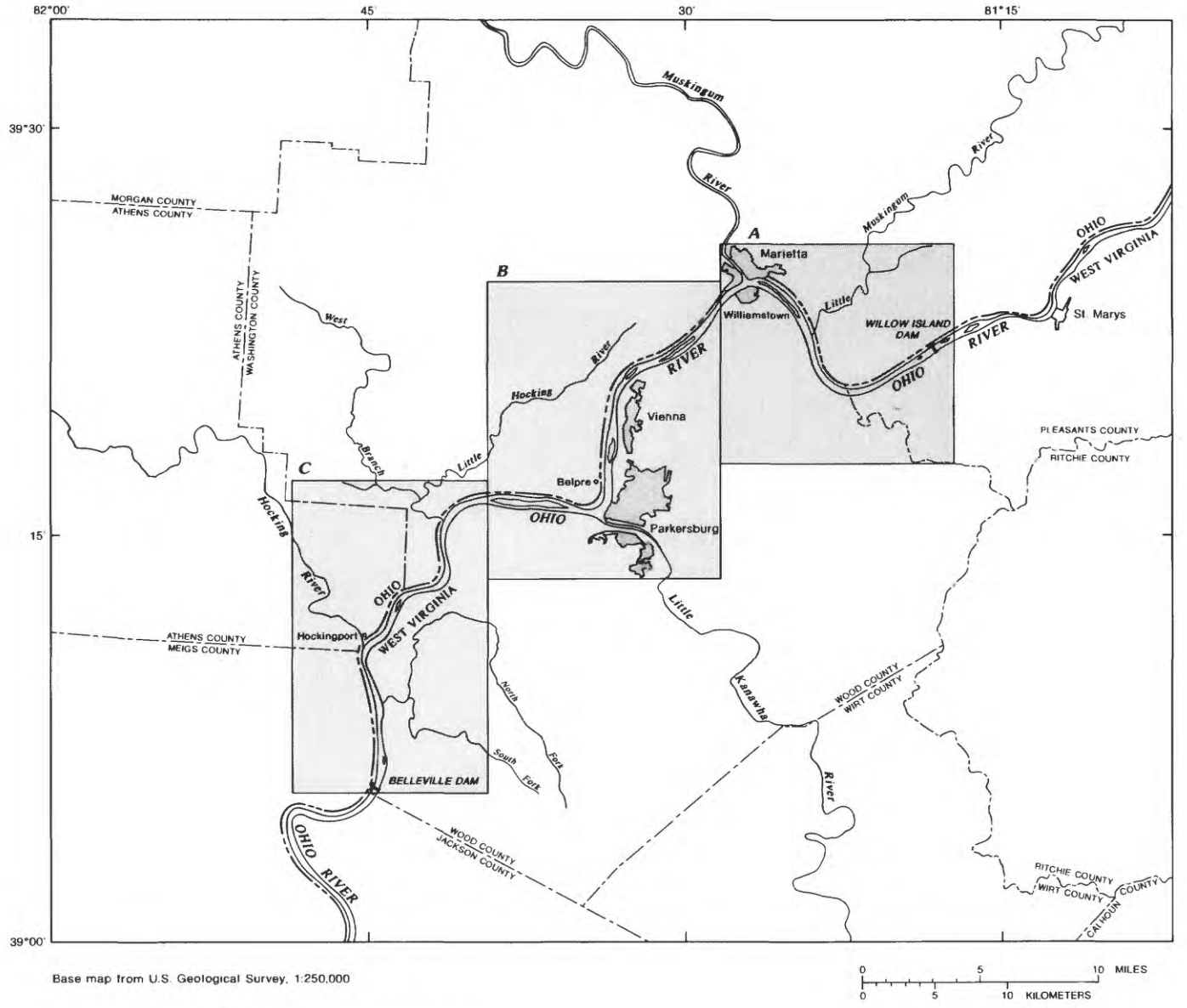

Figure 2. Ohio River study reach.

pH, and specific conductance were made. Single vertical profiles of the same constituents were made at each station in the longitudinal transect. Data collection was completed in 3 days or less, and the entire network was sampled eight times from June through October 1991. Measurements of light penetration (Secchi disk transparency) and vertical profiles of photosynthetic-pigment concentration (a measurement of phytoplankton biomass) were made at 16 stations in the longitudinal transect beginning in August 1991.

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 this point 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 comprised mainly 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 (feet per mile) (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 increasing distance downstream from the dam.

Streamflow in the upper Ohio River Basin is related to precipitation and to the balance of precipitation and evapotranspiration. The climate of the region is considered temperate with distinct seasonal changes. Mean minimum air temperatures are generally during January; mean maximum air temperatures are generally during July. Average annual air temperature is about 12°C. Annual precipitation in the basin ranges from 20 to 72 in., with heaviest amounts occurring in June or July and minimum amounts occurring in October (West Virginia Department of Natural Resources, 1988). The U.S. Army Corps of Engineers has constructed a system of multipurpose reservoirs on four main tributary streams 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 (a Ranney well at Parkersburg) and seven industrial water intakes. There are 8 municipal and 22 industrial effluent discharges. 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).

DATA-COLLECTION METHODS

Water quality of the Belleville pool was determined by a combination of field measurements and laboratory analyses. Sampling was begun on June 20, 1991, and data collected at that time were used to develop a sampling protocol for the rest of the study. After the June 20 sampling period, water-quality measurements were made on July 18-19, July 24-25, August 7-9, August 20-21, September 10-11, September 16-17, and October 22-23.

The data-collection network consisted of eight cross-sectional transects and 28 mid-channel stations established along a longitudinal transect. Measurements of water temperature, DO concentration, pH, and specific conductance were collected at each station in the network, during sampling periods of 3 days or less. Beginning with the August 7-9 sampling period, water samples were collected at selected locations and prepared for analysis of photosynthetic pigment concentrations. Corresponding estimates of the depth of light penetration (Secchi disk transparency) were made at these locations.

Sampling at River Cross Sections

During each sampling period, water-quality measurements were made at eight cross-sectional transects at locations shown in figures 3a-3c. Four of the cross sections were located near Willow Island Dam: one each at the ends of the upstream and downstream lock walls, one about 1.1 mi upstream from the dam, and one about 1.3 mi downstream from the dam (fig. 3a). Two cross sections were located at Belleville Dam: one at the end of the upstream lock wall and one about 1.1 mi upstream from the dam (fig. 3c). Additional cross sections were located downstream from the municipal discharge at Parkersburg, W. Va. (river mile 183.0), and at the downstream end of a large chemical-manufacturing complex near Little Hocking, Ohio (river mile 192.9) (fig. 3b).

Each cross-sectional transect consisted of five vertical profiles of water-temperature, DO concentration, pH, and specific-conductance measurements. Positions of the vertical profiles were located by estimating 10, 30, 50, 70, and 90 percent of the distance from the left bank. Measurements were made near the surface and every 3.3 ft (1 m) from the surface to the bottom of the river. All field measurements were made with a portable, multiparameter water-quality monitoring system (Hydrolab[1] Surveyor 3). Barometric pressure was recorded before each set of field measurements using a Thommen TX altimeter-barometer.

Sampling Along Longitudinal Transects

Longitudinal transects consisted of measurements of water temperature, DO concentration, pH, and specific conductance, made at three depths (near the surface, middle of the water column, and at or near the bottom) in the middle of the river channel, at intervals of 1 to 2 mi for the

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.

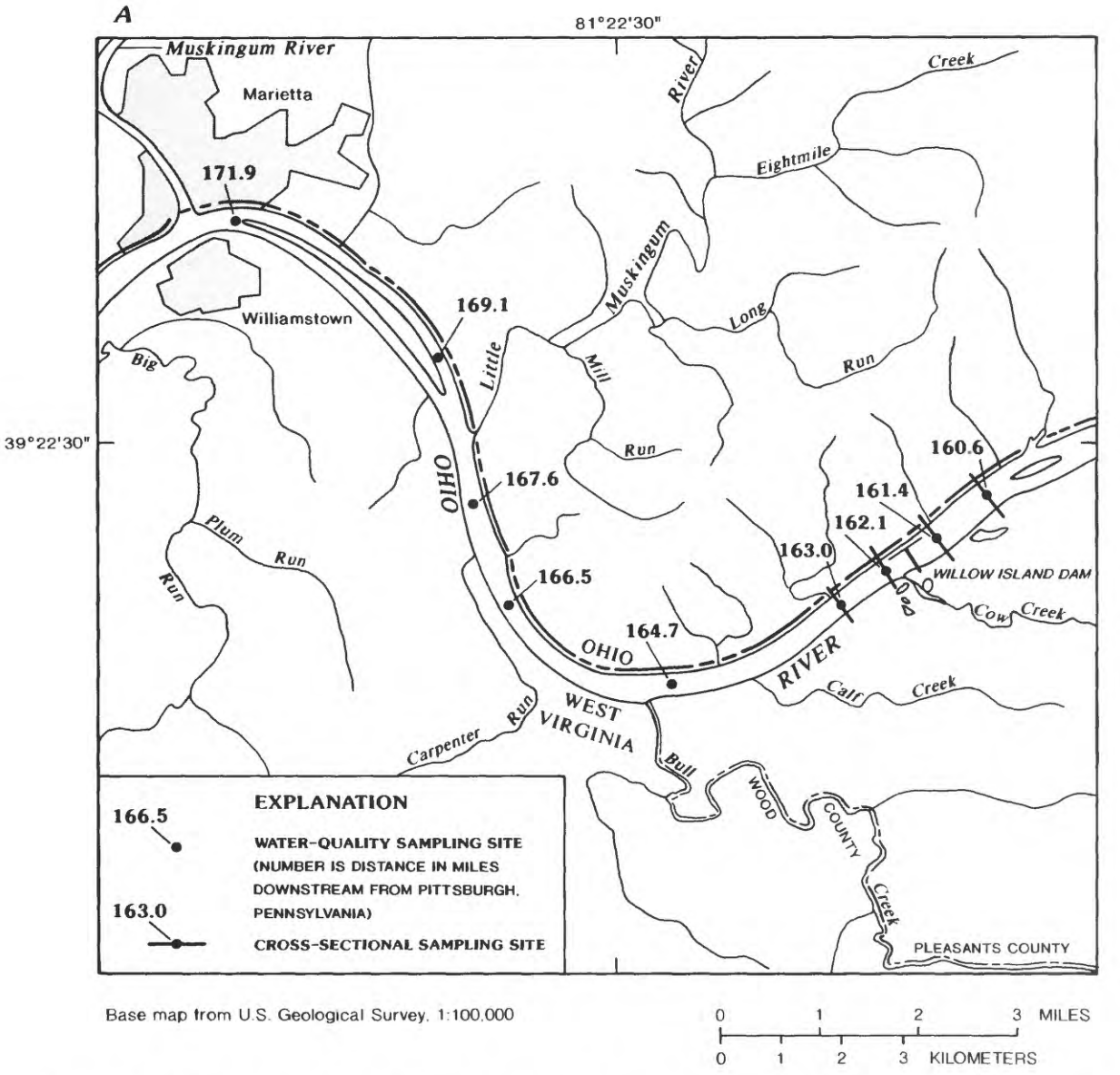

Figure 3a. Eastern (upstream) section of study reach with longitudinal and cross-sectional stations.

entire length of the pool. Sampling locations for the longitudinal transects are shown in figures 3a-3c. Each location corresponds to a U.S. Coast Guard navigation light or daymark. Sampling methods and instruments were the same as for the cross-sectional transects.

For most sampling periods, the longitudinal transect was divided into two subreaches, one from river mile 160.6 to river mile 184.6 (Willow Island Dam to the mouth of the Little Kanawha River), and one from river mile 184.6 to river mile 203.6 (mouth of the Little Kanawha to Belleville Dam). Sampling for each 20-mi subreach normally required 5 to 6 hours to complete. The time period for completion of the transect was at least 2 days, however, because cross-sectional profile sampling was conducted concurrently with the transect sampling.

The longitudinal transect for June consisted only of measurements at a depth of 3.3 ft. However, when vertical stratification of DO was observed during the June sampling period, additional sampling depths were added to the sampling protocol for each longitudinal-transect station.

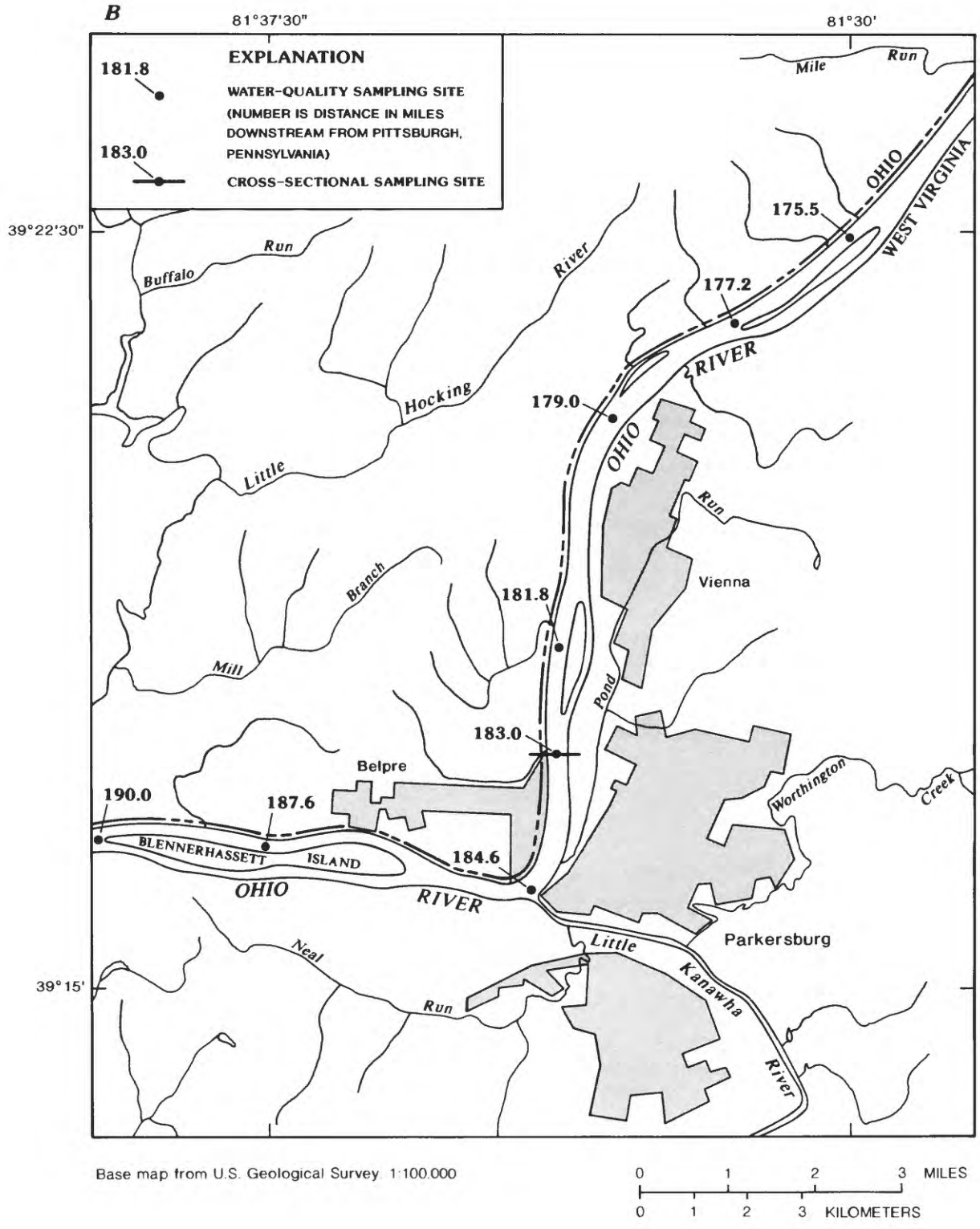

Figure 3b. Middle section of study reach with longitudinal and cross-sectional stations.

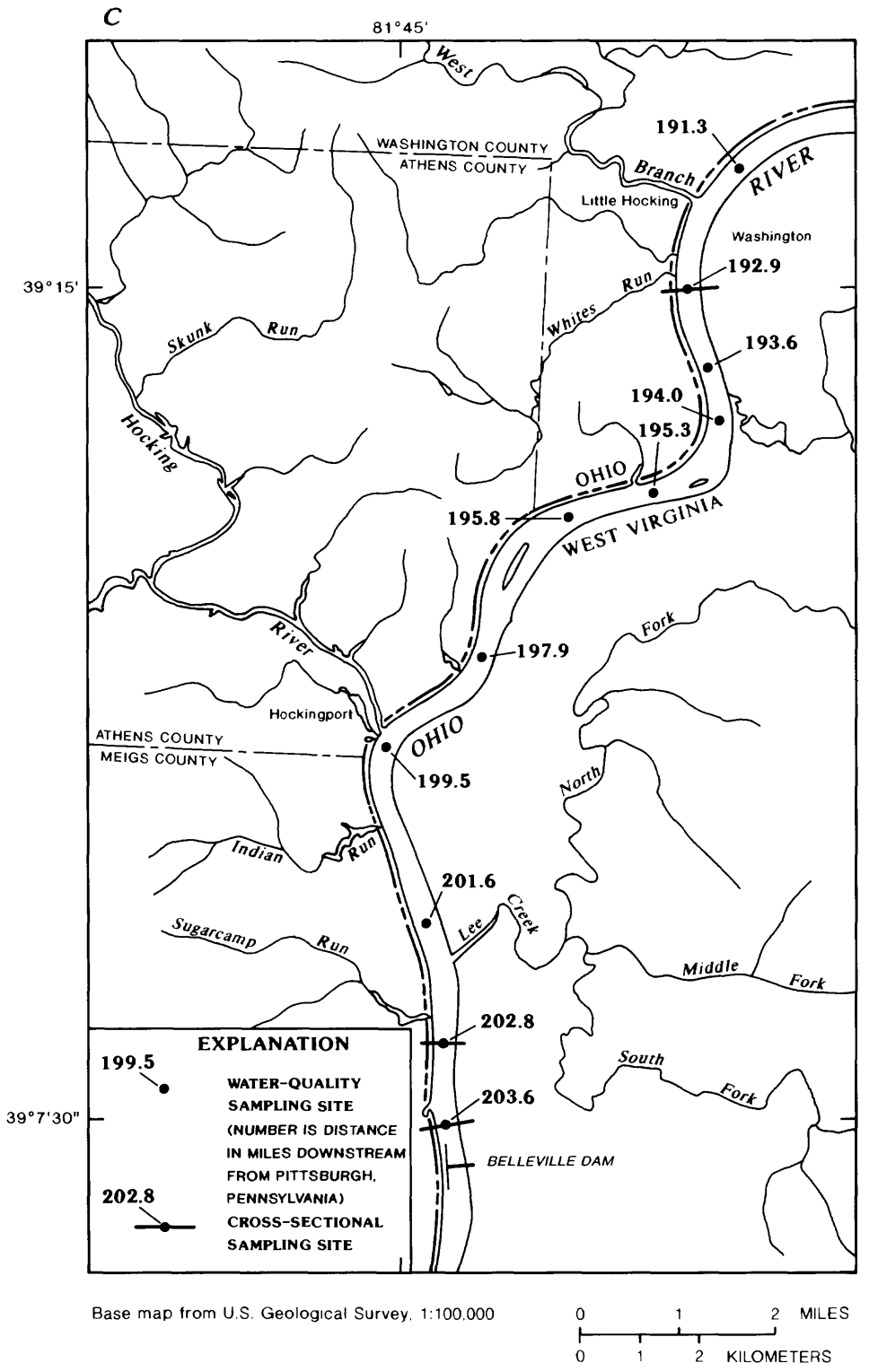

Figure 3c. Western (downstream) section of study reach with longitudinal and cross-sectional stations.

Collection and Analysis of Photosynthetic-Pigment Samples and Light-Penetration Measurements

Beginning with the August 7-9 sampling period, concentrations of the phytoplankton photosynthetic pigment, chlorophyll-*a*, and a pigment degradation product, pheophytin, were measured at selected locations in the longitudinal transects. During the two sampling periods in August, photosynthetic-pigment sampling locations and depths were varied in an effort to determine the most representative sites. By September, a consistent combination of surface-grab samples and depth profiles was established, which was used for the remainder of the study. At each sampling location, a 1-liter water sample was collected by hand in a brown plastic bottle at a depth of 1.6 ft. Deeper samples were collected in a 3.2-liter acrylic Kemmerer water sampler and transferred to brown plastic bottles. The water samples were stored in 1-liter brown plastic bottles and kept at 4°C in the dark until they were processed.

All water samples were processed within 1 week of collection. Samples were filtered through glass-fiber filters (GF/C, 1.9-in. diameter) and stored frozen at -20°C until pigment analysis was completed. Extraction and quantification of chlorophyll-*a* from phytoplankton (corrected for pheophytin) and pheophytin were carried out using the spectrophotometric procedure described in *Standard Methods* (American Public Health Association and others, 1985, p.1067). About 10 percent of the samples were split and analyzed separately to determine reproducibility of the pigment measurements.

At each photosynthetic-pigment sampling station, an estimate of the depth of light penetration (transparency) was determined by lowering a 9-in. diameter Secchi disk into the water and recording the depth at which it was no longer visible from the surface. All Secchi disk measurements were made by the same individual between the hours of 1000 and 1600 EDT.

Quality Assurance

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

The monitoring system measures DO concentration electrometrically with a standard membrane electrode. The electrode was calibrated by reading the meter against water-saturated air at a known temperature and barometric pressure. As a further check of the accuracy of the DO concentration measurements, the electrode response was tested with a solution of sodium sulfite of sufficient concentration (about 1 mg/L) to reduce the DO concentration to below the meter's limit of detection (about 0.1 mg/L) (Skougstad and others, 1979).

At least once during each set of cross-sectional measurements, a water sample was collected from a point in the cross section at the same time that electrode measurements were being recorded, and the DO concentration in the sample was determined with the Winkler method, using the azide modification (American Public Health Association, and others, 1985, p. 418). The meter response was considered accurate if it differed with the results of the Winkler test by no more than 0.2 mg/L. Winkler determinations were not made during the June sampling period. Dissolved oxygen concentration, as a percentage of the saturation concentration, was calculated using the equations and tables of Weiss (1970). All instruments were calibrated at the beginning of each sampling period, at least once during sampling, and at the end of each day's sampling.

WATER-QUALITY DATA

Water-quality data for the Ohio River from Willow Island Dam to Belleville Dam during June through October 1991 are presented in tables 1-28. Each table contains data for a single sampling location in the longitudinal and cross-sectional transects. Sampling points in the longitudinal transects are identified by station number and by river mile. Locations of sampling points are shown in figures 3a-3c. At locations where cross-sectional data were collected, the location of each depth profile is given as the distance in feet from the left bank of the river (WATSTORE[1] parameter code 00009) and the sampling depth in feet below the water surface (parameter code 00003). The specific conductance values correspond to parameter code 00095, the pH values to parameter code 00400, the water temperature values to parameter code 00010, the Secchi disk-transparency values to parameter code 00077, and the DO concentration values to parameter code

1. WATSTORE is the U.S. Geological Survey Water Data Storage and Retrieval System.

00300. Values for chlorophyll-*a* correspond to parameter code 32211 and pheophytin values to parameter code 32218.

Chlorophyll is a common indicator of active phytoplankton biomass. Chlorophyll-*a* is abundant in all green plants and constitutes about 1 to 2 percent of phytoplankton dry weight (American Public Health Association and others, 1985, p. 1067). Pheophytin is a common degradation product of chlorophyll-*a* and can interfere with spectrophotometric determinations of chlorophyll-*a*. Chlorophyll measurements reported here were corrected for the presence of pheophytin by the acidification technique described in *Standard Methods* (American Public Health Association, and others, 1985, p. 1070). The ratio of chlorophyll-*a* to pheophytin concentrations serves as a good indicator of the physiological condition of the phytoplankton (American Public Health Association, and others, 1985, p. 1068).

Secchi disk transparency is a useful measure of the relative amount of light available for photosynthesis (Wetzel and Likens, 1979). Secchi disk depth is affected by the concentration of suspended particles and by light-absorbing characteristics of the water.

SUMMARY

The data presented in this report were collected during the summer and fall of 1991 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. Water quality of the Belleville pool was determined by a combination of synoptic field measurements and laboratory analyses. Sampling was begun in June 1991, and data collected at that time were used to develop a sampling protocol for the rest of the study. Following the sampling period in June, water-quality measurements were made twice each during July, August, and September, and once during October. The data-collection network consisted of eight cross-sectional transects and 28 mid-channel stations established along a longitudinal transect. Measurements of water temperature, DO concentration, pH, and specific conductance were collected at each station in the network, during sampling periods of 3 days or less. Beginning in August 1991, water samples were collected at selected locations and prepared for analysis of photosynthetic pigment concentrations. Corresponding estimates of the depth of light penetration were made at these locations.

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Table 1.--Water-quality data for station 392211081181201, Ohio River, at river mile 160.6 (June to October 1991).

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
June											
20	1033	0.5	131	530	7.4	27.7	--	6.3	80	--	--
20	1034	3.3	131	523	7.4	27.5	--	6.3	80	--	--
20	1034	6.6	131	520	7.4	27.5	--	6.3	80	--	--
20	1035	9.8	131	510	7.4	27.4	--	6.2	78	--	--
20	1035	13	131	507	7.4	27.3	--	6.3	79	--	--
20	1036	16	131	507	7.3	27.3	--	6.3	79	--	--
20	1036	20	131	507	7.3	27.3	--	6.3	79	--	--
20	1037	23	131	505	7.3	27.2	--	6.3	79	--	--
20	1037	26	131	504	7.3	27.2	--	6.3	79	--	--
20	1038	27	131	504	7.3	27.1	--	6.2	78	--	--
20	1040	.5	394	533	7.4	28.0	--	6.5	83	--	--
20	1040	3.3	394	526	7.4	27.5	--	6.3	80	--	--
20	1041	6.6	394	506	7.4	27.3	--	6.3	79	--	--
20	1041	9.8	394	507	7.4	27.3	--	6.3	79	--	--
20	1042	13	394	505	7.4	27.2	--	6.2	78	--	--
20	1042	16	394	505	7.4	27.2	--	6.2	78	--	--
20	1042	20	394	505	7.3	27.2	--	6.3	79	--	--
20	1043	23	394	504	7.3	27.2	--	6.2	78	--	--
20	1043	26	394	505	7.3	27.2	--	6.2	78	--	--
20	1044	30	394	504	7.3	27.2	--	6.2	78	--	--
20	1044	32	394	505	7.3	27.2	--	6.1	77	--	--
20	1045	.5	656	509	7.5	28.0	--	6.6	84	--	--
20	1045	3.3	656	506	7.4	27.5	--	6.6	83	--	--
20	1046	6.6	656	503	7.5	27.4	--	6.5	82	--	--
20	1046	9.8	656	504	7.4	27.4	--	6.5	82	--	--
20	1047	13	656	503	7.4	27.3	--	6.4	81	--	--
20	1047	16	656	503	7.4	27.2	--	6.3	79	--	--
20	1047	20	656	504	7.4	27.2	--	6.3	79	--	--
20	1048	23	656	503	7.4	27.2	--	6.3	79	--	--
20	1048	26	656	504	7.3	27.1	--	6.0	75	--	--
20	1049	28	656	506	7.3	27.0	--	5.7	71	--	--
20	1045	.5	919	492	7.5	27.5	--	7.0	88	--	--
20	1045	3.3	919	501	7.5	27.5	--	6.7	85	--	--
20	1046	6.6	919	501	7.5	27.4	--	6.7	84	--	--
20	1046	9.8	919	501	7.4	27.3	--	6.5	82	--	--
20	1047	13	919	502	7.4	27.2	--	6.3	79	--	--
20	1047	16	919	503	7.4	27.2	--	6.2	78	--	--
June											
20	1047	20	919	503	7.4	27.2	--	6.3	79	--	--
20	1048	23	919	503	7.4	27.2	--	6.3	79	--	--
20	1048	26	919	504	7.3	27.1	--	6.1	76	--	--
20	1049	29	919	507	7.2	26.9	--	5.7	71	--	--
20	1103	.5	1,181	501	7.5	27.9	--	7.0	89	--	--
20	1103	3.3	1,181	500	7.5	27.6	--	6.8	86	--	--
20	1104	6.6	1,181	501	7.5	27.4	--	6.7	84	--	--
20	1104	9.8	1,181	502	7.4	27.3	--	6.5	82	--	--
20	1105	13	1,181	502	7.4	27.3	--	6.3	79	--	--
20	1105	16	1,181	503	7.4	27.2	--	6.2	78	--	--

Table 1.--Water-quality data for station 392211081181201, Ohio River, at river mile 160.6 (June to October 1991)--continued.

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
20	1105	20	1,181	503	7.4	27.2	--	6.2	78	--	--
20	1106	23	1,181	502	7.3	27.2	--	6.1	77	--	--
20	1106	26	1,181	503	7.3	27.2	--	6.1	77	--	--
20	1107	28	1,181	505	7.3	27.1	--	5.6	70	--	--
July											
18	1605	.5	131	607	7.5	29.5	--	7.5	100	--	--
18	1605	3.3	131	603	7.5	29.3	--	7.5	100	--	--
18	1606	6.6	131	589	7.4	28.7	--	7.6	100	--	--
18	1606	9.8	131	589	7.4	28.6	--	7.3	96	--	--
18	1606	13	131	589	7.4	28.5	--	7.3	96	--	--
18	1607	16	131	589	7.3	28.5	--	7.3	96	--	--
18	1607	20	131	589	7.3	28.5	--	7.0	92	--	--
18	1607	23	131	589	7.3	28.5	--	7.1	93	--	--
18	1608	26	131	589	7.3	28.4	--	7.1	93	--	--
18	1608	27	131	589	7.2	28.4	--	7.0	92	--	--
18	1555	.5	394	597	7.6	29.7	--	8.2	110	--	--
18	1555	3.3	394	592	7.7	29.7	--	8.3	111	--	--
18	1556	6.6	394	589	7.6	29.1	--	8.2	109	--	--
18	1556	9.8	394	589	7.5	28.7	--	7.9	104	--	--
18	1556	13	394	588	7.4	28.6	--	7.6	100	--	--
18	1557	16	394	589	7.3	28.5	--	7.4	97	--	--
18	1557	20	394	588	7.3	28.5	--	7.2	95	--	--
18	1557	23	394	589	7.3	28.5	--	7.1	93	--	--
18	1558	26	394	588	7.3	28.4	--	7.0	92	--	--
18	1558	29	394	589	7.3	28.4	--	6.9	90	--	--

Table 1.--Water-quality data for station 392211081181201, Ohio River, at river mile 160.6 (June to October 1991)--continued.

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; µg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (µg/L)	Pheophytin (µg/L)
July											
18	1635	0.5	656	601	7.7	30.5	--	7.4	101	--	--
18	1635	3.3	656	598	7.8	30.4	--	7.3	99	--	--
18	1636	6.6	656	589	7.8	29.1	--	7.6	101	--	--
18	1636	9.8	656	588	7.7	28.9	--	7.4	98	--	--
18	1636	13	656	588	7.7	28.8	--	7.1	94	--	--
18	1637	16	656	589	7.6	28.6	--	7.1	93	--	--
18	1637	20	656	589	7.6	28.6	--	6.9	91	--	--
18	1637	23	656	588	7.5	28.4	--	6.6	87	--	--
18	1638	26	656	588	7.4	28.4	--	6.3	83	--	--
18	1638	28	656	588	7.4	28.4	--	6.1	80	--	--
18	1654	.5	919	600	8.0	30.8	--	7.6	104	--	--
18	1654	3.3	919	588	8.1	29.6	--	8.1	108	--	--
18	1655	6.6	919	586	7.9	29.1	--	7.8	104	--	--
18	1655	9.8	919	588	7.9	28.9	--	7.8	103	--	--
18	1655	13	919	587	7.9	28.7	--	7.7	101	--	--
18	1656	16	919	588	7.6	28.6	--	7.0	92	--	--
18	1656	20	919	588	7.6	28.5	--	6.6	87	--	--
18	1656	23	919	588	7.5	28.4	--	6.6	87	--	--
18	1657	26	919	588	7.5	28.4	--	6.6	87	--	--
18	1657	29	919	589	7.4	28.3	--	6.0	79	--	--
18	1716	.5	1,181	595	8.1	30.7	--	8.1	111	--	--
18	1716	3.3	1,181	588	8.2	29.3	--	8.4	112	--	--
18	1717	6.6	1,181	587	8.1	28.9	--	8.2	108	--	--
18	1717	9.8	1,181	587	8.1	28.9	--	8.2	108	--	--
18	1717	13	1,181	587	7.9	28.8	--	7.7	102	--	--
18	1718	16	1,181	588	7.8	28.7	--	7.3	96	--	--
18	1718	20	1,181	588	7.6	28.6	--	7.0	92	--	--
18	1718	23	1,181	589	7.5	28.5	--	6.6	87	--	--
18	1719	26	1,181	589	7.5	28.5	--	6.4	84	--	--
25	1128	.5	131	614	7.4	30.0	--	6.7	90	--	--
25	1128	3.3	131	608	7.4	29.9	--	6.6	89	--	--
25	1129	6.6	131	608	7.4	29.6	--	6.7	90	--	--
25	1129	9.8	131	605	7.4	29.5	--	6.6	88	--	--
25	1129	13	131	606	7.4	29.5	--	6.7	89	--	--
25	1130	16	131	607	7.4	29.5	--	6.7	89	--	--
25	1130	20	131	604	7.4	29.4	--	6.7	89	--	--

Table 1.--Water-quality data for station 392211081181201, Ohio River, at river mile 160.6 (June to October 1991)--continued.

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
July											
25	1130	23	131	603	7.4	29.4	--	6.7	89	--	--
25	1131	26	131	605	7.4	29.4	--	6.7	89	--	--
25	1131	30	131	602	7.4	29.4	--	6.7	89	--	--
25	1132	30	131	606	7.4	29.4	--	6.2	83	--	--
25	1136	.5	394	608	7.4	30.0	--	6.7	90	--	--
25	1136	3.3	394	607	7.4	29.9	--	6.7	90	--	--
25	1137	6.6	394	605	7.4	29.6	--	6.7	90	--	--
25	1137	9.8	394	605	7.4	29.5	--	6.7	89	--	--
25	1137	13	394	605	7.4	29.5	--	6.7	89	--	--
25	1138	16	394	604	7.4	29.5	--	6.6	88	--	--
25	1138	20	394	602	7.4	29.4	--	6.6	88	--	--
25	1138	23	394	606	7.4	29.4	--	6.6	88	--	--
25	1139	26	394	603	7.4	29.4	--	6.6	88	--	--
25	1139	30	394	604	7.4	29.4	--	6.7	89	--	--
25	1140	31	394	606	7.4	29.4	--	6.7	89	--	--
25	1155	.5	656	607	7.5	30.0	--	6.9	93	--	--
25	1155	3.3	656	607	7.5	30.0	--	6.9	93	--	--
25	1156	6.6	656	605	7.4	29.7	--	6.9	92	--	--
25	1156	9.8	656	603	7.4	29.5	--	6.9	92	--	--
25	1156	13	656	603	7.4	29.4	--	6.7	89	--	--
25	1157	16	656	602	7.4	29.4	--	6.7	89	--	--
25	1157	20	656	606	7.4	29.4	--	6.8	91	--	--
25	1157	23	656	602	7.4	29.4	--	6.8	91	--	--
25	1158	26	656	601	7.4	29.4	--	6.7	89	--	--
25	1158	29	656	603	7.4	29.4	--	6.7	89	--	--
25	1206	.5	919	606	7.5	30.1	--	7.1	96	--	--
25	1206	3.3	919	605	7.5	30.0	--	7.1	96	--	--
25	1207	6.6	919	604	7.5	29.7	--	7.1	95	--	--
25	1207	9.8	919	605	7.5	29.6	--	7.0	94	--	--
25	1207	13	919	602	7.4	29.5	--	6.8	91	--	--
25	1208	16	919	602	7.4	29.4	--	6.6	88	--	--
25	1208	20	919	604	7.4	29.4	--	6.7	89	--	--
25	1208	23	919	604	7.4	29.4	--	6.7	89	--	--
25	1209	26	919	605	7.4	29.4	--	6.7	89	--	--
25	1209	30	919	607	7.4	29.4	--	6.5	87	--	--

Table 1.--Water-quality data for station 392211081181201, Ohio River, at river mile 160.6 (June to October 1991)--continued.

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conduct-ance (μS/cm)	pH (stan-dard units)	Temper-ature, water (°C)	Trans-parency (Secchi disk) (ft.)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent satura-tion)	Chloro-phyll-*a* (μg/L)	Pheo-phytin (μg/L)
July											
25	1215	0.5	1,181	606	7.5	29.9	--	7.2	97	--	--
25	1215	3.3	1,181	606	7.5	29.9	--	7.2	97	--	--
25	1216	6.6	1,181	606	7.5	29.8	--	7.2	97	--	--
25	1216	9.8	1,181	603	7.5	29.5	--	6.8	91	--	--
25	1216	13	1,181	603	7.4	29.4	--	6.7	89	--	--
25	1217	16	1,181	604	7.4	29.4	--	6.6	88	--	--
25	1217	20	1,181	603	7.4	29.4	--	6.6	88	--	--
25	1217	23	1,181	604	7.4	29.4	--	6.5	87	--	--
25	1218	26	1,181	604	7.4	29.4	--	6.5	87	--	--
25	1218	27	1,181	604	7.4	29.4	--	6.5	87	--	--
August											
08	1038	.5	131	678	7.5	28.0	--	7.1	92	--	--
08	1038	3.3	131	678	7.4	28.0	--	7.0	91	--	--
08	1039	6.6	131	678	7.4	27.9	--	6.6	85	--	--
08	1039	9.8	131	678	7.3	27.9	--	6.3	81	--	--
08	1039	13	131	692	7.3	27.9	--	6.4	83	--	--
08	1040	16	131	697	7.3	27.9	--	6.4	83	--	--
08	1040	20	131	704	7.3	27.9	--	6.5	84	--	--
08	1040	23	131	711	7.3	27.9	--	6.4	83	--	--
08	1041	26	131	719	7.3	27.9	--	6.4	83	--	--
08	1041	28	131	733	7.4	27.9	--	6.4	83	--	--
08	1049	.5	394	677	7.5	28.1	--	7.2	93	--	--
08	1049	3.3	394	677	7.5	28.1	--	7.2	93	--	--
08	1050	6.6	394	677	7.4	28.0	--	6.7	87	--	--
08	1050	9.8	394	678	7.3	27.9	--	6.4	83	--	--
08	1050	13	394	678	7.3	27.9	--	6.5	84	--	--
08	1051	16	394	678	7.3	27.9	--	6.2	80	--	--
08	1051	20	394	678	7.2	27.9	--	6.0	78	--	--
08	1051	23	394	678	7.2	27.9	--	6.0	78	--	--
08	1052	26	394	678	7.2	27.9	--	6.0	78	--	--
08	1052	29	394	678	7.3	27.8	--	5.7	74	--	--
08	1058	.5	656	680	7.4	27.9	1.5	6.5	84	5.4	1.5
08	1058	3.3	656	680	7.3	28.0	--	6.5	84	--	--
08	1059	6.6	656	680	7.3	27.9	--	6.5	84	5.5	3.9
08	1059	9.8	656	681	7.3	27.9	--	6.4	83	--	--
08	1059	13	656	680	7.3	27.9	--	6.4	83	6.0	3.6

Table 1.--Water-quality data for station 392211081181201, Ohio River, at river mile 160.6 (June to October 1991)--continued.

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
August											
08	1100	16	656	681	7.3	27.9	--	6.4	83	--	--
08	1100	20	656	680	7.3	27.9	--	6.3	81	7.2	2.0
08	1100	23	656	680	7.3	27.9	--	6.3	81	--	--
08	1101	26	656	684	7.3	27.9	--	6.2	80	4.2	3.1
08	1101	28	656	677	7.3	27.9	--	5.8	75	--	--
08	1120	.5	919	682	7.4	27.9	--	6.6	85	--	--
08	1120	3.3	919	681	7.4	28.0	--	6.7	87	--	--
08	1121	6.6	919	681	7.4	28.0	--	6.7	87	--	--
08	1121	9.8	919	681	7.3	27.9	--	6.7	87	--	--
08	1121	13.1	919	682	7.3	27.9	--	6.6	85	--	--
08	1122	16.4	919	681	7.3	27.9	--	6.6	85	--	--
08	1122	19.7	919	681	7.3	27.9	--	6.5	84	--	--
08	1122	23.0	919	681	7.3	27.9	--	6.5	84	--	--
08	1123	26.2	919	681	7.3	27.9	--	6.5	84	--	--
08	1123	29.5	919	681	7.3	27.9	--	6.5	84	--	--
08	1124	30.2	919	681	7.3	27.9	--	6.4	83	--	--
08	1130	.5	1,181	682	7.5	28.2	--	7.1	92	--	--
08	1130	3.3	1,181	682	7.4	28.1	--	7.0	91	--	--
08	1131	6.6	1,181	683	7.4	28.0	--	6.8	88	--	--
08	1131	9.8	1,181	681	7.3	28.0	--	6.7	87	--	--
08	1131	13	1,181	681	7.3	27.9	--	6.7	87	--	--
08	1132	16	1,181	681	7.3	27.9	--	6.6	85	--	--
08	1132	20	1,181	676	7.3	27.9	--	6.6	85	--	--
08	1132	23	1,181	680	7.3	27.9	--	6.5	84	--	--
08	1133	24	1,181	681	7.3	27.9	--	6.4	83	--	--
21	1052	.5	131	615	7.2	28.8	--	6.1	80	--	--
21	1052	3.3	131	615	7.2	28.2	--	6.1	79	--	--
21	1053	6.6	131	615	7.2	27.7	--	6.1	79	--	--
21	1053	9.8	131	614	7.2	27.4	--	6.1	78	--	--
21	1053	13	131	612	7.2	26.9	--	6.1	77	--	--
21	1054	16	131	612	7.2	26.8	--	6.0	76	--	--
21	1054	20	131	612	7.2	26.8	--	6.0	76	--	--
21	1054	23	131	612	7.2	26.8	--	6.0	76	--	--
21	1055	26	131	612	7.1	26.9	--	6.0	76	--	--
21	1055	29	131	612	7.1	26.9	--	6.0	76	--	--

Table 1.--Water-quality data for station 392211081181201, Ohio River, at river mile 160.6 (June to October 1991)--continued.

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
August											
21	1037	0.5	394	617	7.2	28.0	--	6.2	80	--	--
21	1037	3.3	394	618	7.2	27.9	--	6.2	80	--	--
21	1038	6.6	394	615	7.2	27.6	--	6.2	79	--	--
21	1038	9.8	394	615	7.2	27.2	--	6.1	78	--	--
21	1038	13	394	615	7.2	27.1	--	6.1	78	--	--
21	1039	16	394	613	7.2	26.9	--	6.1	78	--	--
21	1039	20	394	613	7.2	26.9	--	6.1	78	--	--
21	1039	23	394	612	7.2	26.8	--	6.1	77	--	--
21	1040	26	394	612	7.2	26.8	--	6.1	77	--	--
21	1040	30	394	612	7.2	26.8	--	6.1	77	--	--
21	1041	33	394	612	7.2	26.8	--	6.0	76	--	--
21	1015	.5	656	619	7.2	27.8	4.0	6.2	80	<.1	.1
21	1015	3.3	656	618	7.2	27.8	--	6.2	80	--	--
21	1016	6.6	656	617	7.2	27.5	--	6.2	80	--	--
21	1016	9.8	656	618	7.2	27.4	--	6.2	80	--	--
21	1016	13	656	619	7.2	27.3	--	6.2	79	.1	.1
21	1017	16	656	614	7.2	27.1	--	6.2	79	--	--
21	1017	20	656	613	7.2	26.9	--	6.1	78	<.1	<.1
21	1017	23	656	612	7.2	26.8	--	6.1	77	--	--
21	1018	26	656	611	7.2	26.8	--	6.1	77	--	--
21	1018	28	656	611	7.2	26.8	--	6.0	76	--	--
21	1007	.5	919	617	7.2	28.6	--	6.2	81	--	--
21	1007	3.3	919	619	7.2	27.6	--	6.2	80	--	--
21	1008	6.6	919	619	7.2	27.4	--	6.2	80	--	--
21	1008	9.8	919	619	7.2	27.1	--	6.2	79	--	--
21	1008	13	919	612	7.2	27.0	--	6.1	78	--	--
21	1009	16	919	615	7.2	26.8	--	6.1	77	--	--
21	1009	20	919	608	7.2	26.8	--	6.1	77	--	--
21	1009	23	919	610	7.2	26.8	--	6.1	77	--	--
21	1010	26	919	610	7.2	26.8	--	6.0	76	--	--
21	1010	30	919	610	7.2	26.8	--	6.0	76	--	--
21	952	.5	1,181	619	7.2	27.4	--	6.3	81	--	--
21	952	3.3	1,181	620	7.2	27.4	--	6.3	81	--	--
21	953	6.6	1,181	619	7.2	27.4	--	6.3	81	--	--
21	953	9.8	1,181	617	7.2	27.0	--	6.1	78	--	--
21	953	13	1,181	617	7.2	27.0	--	6.1	78	--	--

Table 1.--Water-quality data for station 392211081181201, Ohio River, at river mile 160.6 (June to October 1991)--continued.

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
August											
21	954	16	1,181	616	7.2	27.0	--	6.1	78	--	--
21	954	20	1,181	615	7.2	26.9	--	6.1	78	--	--
21	954	23	1,181	613	7.2	26.8	--	6.1	77	--	--
21	955	26	1,181	612	7.2	26.7	--	6.1	77	--	--
21	955	27	1,181	612	7.2	26.7	--	6.1	77	--	--
September											
11	1007	.5	131	687	7.2	27.9	--	6.7	87	--	--
11	1007	3.3	131	684	7.2	27.2	--	6.7	86	--	--
11	1008	6.6	131	684	7.2	26.8	--	6.7	85	--	--
11	1008	9.8	131	682	7.2	26.8	--	6.7	85	--	--
11	1008	13	131	681	7.2	26.7	--	6.7	85	--	--
11	1009	16	131	682	7.2	26.4	--	6.7	84	--	--
11	1009	20	131	681	7.2	26.4	--	6.7	84	--	--
11	1009	23	131	681	7.2	26.4	--	6.6	83	--	--
11	1010	26	131	681	7.2	26.4	--	6.6	83	--	--
11	1010	30	131	681	7.2	26.4	--	6.6	83	--	--
11	1011	31	131	681	7.2	26.4	--	6.6	83	--	--
11	1017	.5	394	681	7.2	26.4	--	6.7	84	--	--
11	1017	3.3	394	681	7.2	26.4	--	6.7	84	--	--
11	1018	6.6	394	681	7.2	26.4	--	6.7	84	--	--
11	1018	9.8	394	681	7.2	26.4	--	6.7	84	--	--
11	1018	13	394	681	7.2	26.4	--	6.6	83	--	--
11	1019	16	394	681	7.2	26.4	--	6.7	84	--	--
11	1019	20	394	681	7.2	26.4	--	6.6	83	--	--
11	1019	23	394	681	7.2	26.4	--	6.6	83	--	--
11	1020	26	394	682	7.2	26.4	--	6.6	83	--	--
11	1020	30	394	682	7.2	26.4	--	6.6	83	--	--
11	1021	32	394	681	7.2	26.4	--	6.6	83	--	--
11	1022	.5	656	682	7.2	26.4	5.0	6.7	84	--	--
11	1022	3.3	656	681	7.2	26.4	--	6.6	83	--	--
11	1023	6.6	656	684	7.2	26.4	--	6.6	83	--	--
11	1023	9.8	656	683	7.2	26.4	--	6.6	83	--	--
11	1023	13	656	683	7.2	26.4	--	6.6	83	--	--
11	1024	16	656	680	7.2	26.4	--	6.6	83	--	--
11	1024	20	656	680	7.2	26.4	--	6.6	83	--	--
11	1024	23	656	683	7.2	26.4	--	6.6	83	--	--
11	1025	26	656	682	7.2	26.4	--	6.6	83	.1	.4

Table 1.--Water-quality data for station 392211081181201, Ohio River, at river mile 160.6 (June to October 1991)--continued.

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
September											
11	1025	30	656	682	7.2	26.4	--	6.6	83	--	--
11	1026	30	656	681	7.2	26.4	--	6.6	83	--	--
11	1033	.5	919	682	7.2	26.4	--	6.7	84	--	--
11	1033	3.3	656	681	7.2	26.5	--	6.7	85	--	--
11	1034	6.6	919	681	7.2	26.5	--	6.7	85	--	--
11	1034	9.8	919	681	7.2	26.4	--	6.6	83	--	--
11	1034	13	919	684	7.2	26.4	--	6.6	83	--	--
11	1035	16	919	680	7.2	26.4	--	6.6	83	--	--
11	1035	20	919	680	7.2	26.4	--	6.6	83	--	--
11	1035	23	919	686	7.2	26.4	--	6.6	83	--	--
11	1036	26	919	682	7.2	26.4	--	6.6	83	--	--
11	1036	30	919	677	7.2	26.4	--	6.6	83	--	--
11	1037	31	919	681	7.2	26.4	--	6.6	83	--	--
11	1044	.5	1,181	681	7.2	26.4	--	6.7	84	--	--
11	1044	3.3	1,181	681	7.2	26.5	--	6.6	83	--	--
11	1045	6.6	1,181	682	7.2	26.5	--	6.6	83	--	--
11	1045	9.8	1,181	682	7.2	26.4	--	6.6	83	--	--
11	1045	13	1,181	682	7.2	26.4	--	6.6	83	--	--
11	1046	16	1,181	681	7.2	26.4	--	6.6	83	--	--
11	1046	20	1,181	681	7.2	26.4	--	6.6	83	--	--
11	1046	23	1,181	681	7.2	26.4	--	6.6	83	--	--
11	1047	26	1,181	682	7.2	26.4	--	6.6	83	--	--
11	1047	29	1,181	681	7.2	26.4	--	6.6	83	--	--
17	1106	.5	131	679	7.2	29.6	--	6.2	83	--	--
17	1106	3.3	131	676	7.2	29.6	--	6.1	82	--	--
17	1107	6.6	131	673	7.3	27.7	--	6.3	81	--	--
17	1107	9.8	131	673	7.3	27.6	--	6.3	81	--	--
17	1107	13	131	673	7.3	27.6	--	6.3	81	--	--
17	1108	16	131	673	7.3	27.5	--	6.3	81	--	--
17	1108	20	131	672	7.3	27.5	--	6.2	80	--	--
17	1108	23	131	674	7.3	27.5	--	6.2	80	--	--
17	1109	26	131	674	7.3	27.5	--	6.2	80	--	--
17	1109	30	131	670	7.2	27.4	--	6.1	78	--	--
17	1110	31	131	676	7.2	27.2	--	5.7	73	--	--

Table 1.--Water-quality data for station 392211081181201, Ohio River, at river mile 160.6 (June to October 1991)--continued.

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; µg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (µg/L)	Pheophytin (µg/L)
September											
17	1113	0.5	394	676	7.3	29.5	--	6.2	83	--	--
17	1113	3.3	394	674	7.3	28.4	--	6.2	81	--	--
17	1114	6.6	394	672	7.3	27.8	--	6.3	82	--	--
17	1114	9.8	394	672	7.3	27.7	--	6.3	81	--	--
17	1114	13	394	671	7.3	27.7	--	6.3	81	--	--
17	1115	16	394	671	7.3	27.6	--	6.3	81	--	--
17	1115	20	394	673	7.3	27.6	--	6.3	81	--	--
17	1115	23	394	673	7.3	27.6	--	6.3	81	--	--
17	1116	26	394	672	7.3	27.5	--	6.2	80	--	--
17	1116	30	394	670	7.2	27.3	--	6.0	77	--	--
17	1120	.5	656	674	7.3	29.0	5.0	6.2	82	.2	.4
17	1120	3.3	656	674	7.3	28.6	--	6.3	83	--	--
17	1121	6.6	656	673	7.3	28.5	--	6.3	83	--	--
17	1121	9.8	656	671	7.3	27.8	--	6.3	82	--	--
17	1121	13	656	671	7.3	27.7	--	6.2	80	.2	.4
17	1122	16	656	671	7.3	27.6	--	6.2	80	--	--
17	1122	20	656	670	7.3	27.5	--	6.2	80	--	--
17	1122	23	656	671	7.2	27.4	--	6.2	80	--	--
17	1123	26	656	670	7.2	27.2	--	6.0	77	.1	.3
17	1123	30	656	670	7.2	27.2	--	5.9	76	--	--
17	1134	.5	919	674	7.3	28.9	--	6.3	83	--	--
17	1134	3.3	919	674	7.3	28.9	--	6.3	83	--	--
17	1135	6.6	919	673	7.3	28.8	--	6.3	83	--	--
17	1135	9.8	919	671	7.3	27.7	--	6.2	80	--	--
17	1135	13	919	671	7.3	27.6	--	6.2	80	--	--
17	1136	16	919	671	7.3	27.6	--	6.3	81	--	--
17	1136	20	919	671	7.3	27.5	--	6.3	81	--	--
17	1136	23	919	670	7.3	27.3	--	6.1	78	--	--
17	1137	26	919	670	7.2	27.2	--	6.0	77	--	--
17	1137	30	919	670	7.2	27.2	--	5.9	76	--	--
17	1146	.5	1,181	674	7.3	29.1	--	6.3	84	--	--
17	1146	3.3	1,181	675	7.3	29.1	--	6.3	84	--	--
17	1147	6.6	1,181	673	7.3	29.0	--	6.3	83	--	--
17	1147	9.8	1,181	673	7.3	27.9	--	6.3	82	--	--
17	1147	13	1,181	669	7.2	27.6	--	6.2	80	--	--
17	1148	16	1,181	671	7.2	27.5	--	6.2	80	--	--

Table 1.--Water-quality data for station 392211081181201, Ohio River, at river mile 160.6 (June to October 1991)--continued.

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
September											
17	1148	20	1,181	674	7.2	27.5	--	6.2	80	--	--
17	1148	23	1,181	669	7.2	27.5	--	6.2	80	--	--
17	1149	25	1,181	671	7.2	27.5	--	6.1	79	--	--
October											
23	1119	.5	131	678	7.4	18.9	--	8.6	93	--	--
23	1119	3.3	131	678	7.4	18.8	--	8.6	93	--	--
23	1120	6.6	131	675	7.4	18.5	--	8.6	92	--	--
23	1120	9.8	131	675	7.5	17.2	--	8.6	90	--	--
23	1120	13	131	674	7.5	16.9	--	8.5	89	--	--
23	1121	16	131	674	7.5	16.8	--	8.5	89	--	--
23	1121	20	131	675	7.5	16.8	--	8.5	88	--	--
23	1121	23	131	675	7.5	16.8	--	8.5	88	--	--
23	1122	26	131	672	7.5	16.8	--	8.5	88	--	--
23	1122	30	131	678	7.5	16.8	--	8.5	88	--	--
23	1123	30	131	672	7.5	16.8	--	8.5	88	--	--
23	1148	.5	394	680	7.5	19.7	--	8.7	96	--	--
23	1148	3.3	394	678	7.5	18.4	--	8.6	92	--	--
23	1149	6.6	394	674	7.5	17.2	--	8.6	90	--	--
23	1149	9.8	394	672	7.5	16.8	--	8.5	89	--	--
23	1149	13	394	674	7.5	16.8	--	8.5	89	--	--
23	1150	16	394	674	7.5	16.8	--	8.5	89	--	--
23	1150	20	394	674	7.5	16.8	--	8.5	89	--	--
23	1150	23	394	674	7.5	16.8	--	8.5	89	--	--
23	1151	26	394	675	7.5	16.8	--	8.5	89	--	--
23	1151	30	394	675	7.5	16.8	--	8.6	89	--	--
23	1152	33	394	675	7.5	16.8	--	8.6	89	--	--
23	1152	33	394	675	7.5	16.8	--	8.5	89	--	--
23	1201	.5	656	678	7.5	19.8	4.5	8.6	95	.6	.5
23	1201	3.3	656	678	7.6	18.4	--	8.9	95	--	--
23	1202	6.6	656	678	7.6	17.5	--	8.9	94	--	--
23	1202	9.8	656	676	7.6	17.2	--	8.8	92	--	--
23	1202	13	656	674	7.6	17.0	--	8.7	91	.2	1.1
23	1203	16	656	673	7.6	17.0	--	8.7	91	--	--
23	1203	20	656	673	7.5	16.9	--	8.7	90	--	--
23	1203	23	656	672	7.5	16.8	--	8.6	89	--	--
23	1204	26	656	671	7.5	16.8	--	8.5	88	.2	.8

Table 1.--Water-quality data for station 392211081181201, Ohio River, at river mile 160.6 (June to October 1991)--continued.

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
October											
23	1204	30	656	671	7.5	16.7	--	8.5	88	--	--
23	1205	30	656	671	7.5	16.7	--	8.4	88	--	--
23	1212	.5	918	683	7.7	18.6	--	9.3	101	--	--
23	1212	3.3	918	684	7.8	18.4	--	9.6	103	--	--
23	1213	6.6	918	686	7.8	18.2	--	9.0	101	--	--
23	1213	9.8	918	678	7.6	17.2	--	9.0	95	--	--
23	1213	13	918	673	7.6	17.0	--	8.8	92	--	--
23	1214	16	918	672	7.6	16.8	--	8.7	90	--	--
23	1214	20	918	672	7.5	16.8	--	8.6	89	--	--
23	1214	23	918	673	7.5	16.8	--	8.5	89	--	--
23	1215	26	918	673	7.5	16.8	--	8.5	89	--	--
23	1215	30	918	670	7.5	16.8	--	8.5	89	--	--
23	1216	30	918	674	7.5	16.8	--	8.5	89	--	--
23	1222	.5	1,181	684	7.7	18.8	--	9.5	103	--	--
23	1222	3.3	1,181	685	7.9	18.6	--	9.8	106	--	--
23	1223	6.6	1,181	679	7.7	17.3	--	9.3	97	--	--
23	1223	9.8	1,181	674	7.6	17.1	--	9.0	94	--	--
23	1223	13	1,181	673	7.6	17.0	--	8.9	93	--	--
23	1224	16	1,181	672	7.6	17.0	--	8.9	92	--	--
23	1224	20	1,181	672	7.6	16.8	--	8.7	91	--	--
23	1224	23	1,181	672	7.5	16.8	--	8.6	90	--	--
23	1225	26	1,181	672	7.5	16.8	--	8.6	89	--	--
23	1225	27	1,181	672	7.5	16.8	--	8.6	89	--	--

Table 2.--Water-quality data for station 392142081185201, Ohio River, at river mile 161.4 (June to October 1991).

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; µg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (µg/L)	Pheophytin (µg/L)
June											
20	1115	0.5	125	509	7.5	27.8	--	7.0	89	--	--
20	1115	3.3	125	510	7.5	27.7	--	6.7	85	--	--
20	1116	6.6	125	509	7.4	27.4	--	6.4	81	--	--
20	1116	9.8	125	508	7.4	27.3	--	6.2	78	--	--
20	1117	13	125	508	7.3	27.2	--	6.0	75	--	--
20	1117	16	125	509	7.3	27.2	--	6.0	75	--	--
20	1117	18	125	509	7.3	27.2	--	5.9	74	--	--
20	1122	.5	374	506	7.5	27.8	--	7.0	89	--	--
20	1122	3.3	374	507	7.5	27.7	--	6.7	85	--	--
20	1123	6.6	374	507	7.5	27.5	--	6.6	83	--	--
20	1123	9.8	374	507	7.4	27.3	--	6.3	79	--	--
20	1124	13	374	507	7.3	27.2	--	6.1	77	--	--
20	1124	16	374	507	7.3	27.2	--	6.1	77	--	--
20	1124	20	374	507	7.3	27.1	--	5.9	74	--	--
20	1125	22	374	508	7.3	27.1	--	5.9	74	--	--
20	1129	.5	627	506	7.5	27.7	--	7.0	89	--	--
20	1129	3.3	627	507	7.5	27.6	--	6.9	87	--	--
20	1130	6.6	627	507	7.4	27.4	--	6.6	83	--	--
20	1130	9.8	627	506	7.4	27.2	--	6.3	79	--	--
20	1131	13	627	506	7.4	27.2	--	6.1	77	--	--
20	1131	16	627	507	7.3	27.2	--	6.1	77	--	--
20	1131	20	627	507	7.3	27.2	--	6.0	75	--	--
20	1132	23	627	506	7.3	27.1	--	5.9	74	--	--
20	1132	26	627	509	7.3	27.1	--	5.9	74	--	--
20	1133	30	627	509	7.3	27	--	5.6	70	--	--
20	1138	.5	876	505	7.5	27.6	--	6.9	87	--	--
20	1138	3.3	876	504	7.5	27.6	--	6.8	86	--	--
20	1139	6.6	876	507	7.4	27.4	--	6.5	82	--	--
20	1139	9.8	876	507	7.4	27.3	--	6.5	82	--	--
20	1140	13	876	507	7.4	27.3	--	6.4	81	--	--
20	1140	16	876	506	7.4	27.3	--	6.3	79	--	--
20	1140	20	876	506	7.4	27.2	--	6.3	79	--	--
20	1141	23	876	506	7.4	27.2	--	6.3	79	--	--
20	1141	26	876	507	7.3	27.2	--	6.1	77	--	--
20	1142	30	876	508	7.3	27.1	--	5.9	74	--	--
20	1142	32	876	514	7.2	26.8	--	5.2	65	--	--

Table 2.--Water-quality data for station 392142081185201, Ohio River, at river mile 161.4 (June to October 1991)--continued.

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
June											
20	1147	0.5	1,125	504	7.4	27.3	--	6.7	84	--	--
20	1147	3.3	1,125	505	7.4	27.5	--	6.6	83	--	--
20	1148	6.6	1,125	506	7.4	27.3	--	6.3	79	--	--
20	1148	9.8	1,125	506	7.4	27.3	--	6.3	79	--	--
20	1149	13	1,125	506	7.4	27.3	--	6.3	79	--	--
20	1149	16	1,125	507	7.3	27.2	--	6.2	78	--	--
20	1149	20	1,125	506	7.3	27.2	--	6.1	77	--	--
20	1150	23	1,125	506	7.3	27.2	--	6.1	77	--	--
20	1150	26	1,125	506	7.3	27.2	--	6.1	77	--	--
20	1151	30	1,125	506	7.3	27.2	--	6.1	77	--	--
20	1151	31	1,125	506	7.3	27.2	--	6.2	78	--	--
July											
18	1833	.5	125	600	8.3	31.5	--	8.5	118	--	--
18	1833	3.3	125	609	7.9	29.5	--	7.7	103	--	--
18	1834	6.6	125	594	7.7	28.9	--	7.0	93	--	--
18	1834	9.8	125	598	7.6	28.8	--	6.7	89	--	--
18	1834	13	125	598	7.6	28.7	--	6.6	87	--	--
18	1835	16	125	591	7.5	28.5	--	6.1	80	--	--
18	1835	18	125	590	7.4	28.4	--	5.8	76	--	--
18	1843	.5	374	608	8.3	31.2	--	8.3	114	--	--
18	1843	3.3	374	607	8.3	30.2	--	8.0	108	--	--
18	1844	6.6	374	594	7.7	28.9	--	7.0	93	--	--
18	1844	9.8	374	593	7.6	28.7	--	6.6	87	--	--
18	1844	13	374	594	7.5	28.6	--	6.4	84	--	--
18	1845	16	374	594	7.5	28.6	--	6.3	83	--	--
18	1845	18	374	590	7.5	28.5	--	6.1	80	--	--
18	1812	.5	627	605	8.2	30.7	--	8.0	109	--	--
18	1812	3.3	627	608	8.2	30.7	--	8.2	112	--	--
18	1813	6.6	627	594	8.0	29.1	--	7.7	102	--	--
18	1813	9.8	627	592	7.7	28.8	--	6.8	90	--	--
18	1813	13	627	591	7.5	28.6	--	6.6	87	--	--
18	1814	16	627	591	7.5	28.5	--	6.4	84	--	--
18	1814	20	627	590	7.5	28.5	--	6.3	83	--	--
18	1814	23	627	589	7.5	28.5	--	6.3	83	--	--
18	1815	26	627	589	7.5	28.4	--	6.2	81	--	--
18	1815	30	627	588	7.4	28.4	--	6.0	79	--	--

Table 2.--Water-quality data for station 392142081185201, Ohio River, at river mile 161.4 (June to October 1991)--continued.

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
July											
18	1856	0.5	876	604	8.2	30.9	--	8.1	111	--	--
18	1856	3.3	876	602	7.8	29.5	--	7.2	96	--	--
18	1857	6.6	876	588	7.8	29.0	--	7.6	101	--	--
18	1857	9.8	876	588	8.0	28.9	--	7.9	105	--	--
18	1857	13	876	587	7.9	28.7	--	7.4	98	--	--
18	1858	16	876	589	7.6	28.6	--	6.7	88	--	--
18	1858	20	876	588	7.5	28.5	--	6.4	84	--	--
18	1858	23	876	589	7.5	28.4	--	6.2	81	--	--
18	1859	26	876	589	7.4	28.4	--	6.1	80	--	--
18	1859	30	876	588	7.4	28.4	--	5.9	77	--	--
18	1912	.5	1,125	453	8.2	30.8	--	8.1	111	--	--
18	1912	3.3	1,125	608	7.9	29.7	--	7.5	101	--	--
18	1913	6.6	1,125	590	8.1	29.2	--	8.0	106	--	--
18	1913	9.8	1,125	588	7.8	28.8	--	7.4	98	--	--
18	1913	13	1,125	588	7.6	28.6	--	6.6	87	--	--
18	1914	16	1,125	588	7.6	28.5	--	6.6	87	--	--
18	1914	20	1,125	589	7.5	28.6	--	6.3	83	--	--
18	1914	23	1,125	588	7.5	28.5	--	6.3	83	--	--
18	1915	26	1,125	588	7.4	28.4	--	6.2	81	--	--
18	1915	30	1,125	588	7.4	28.4	--	6.2	81	--	--
25	1233	.5	125	604	7.6	29.8	--	7.0	94	--	--
25	1233	3.3	125	604	7.6	29.7	--	7.0	94	--	--
25	1234	6.6	125	603	7.5	29.7	--	6.9	92	--	--
25	1234	9.8	125	603	7.5	29.6	--	6.8	91	--	--
25	1234	13	125	603	7.5	29.6	--	6.8	91	--	--
25	1235	16	125	603	7.5	29.6	--	6.7	90	--	--
25	1235	20	125	604	7.4	29.5	--	6.4	85	--	--
25	1235	20	125	603	7.4	29.4	--	6.3	84	--	--
25	1238	.5	374	605	7.6	29.9	--	7.0	94	--	--
25	1238	3.3	374	605	7.6	29.8	--	7.1	95	--	--
25	1239	6.6	374	604	7.5	29.7	--	6.9	92	--	--
25	1239	9.8	374	605	7.4	29.5	--	6.6	88	--	--
25	1239	13	374	605	7.4	29.5	--	6.6	88	--	--
25	1240	16	374	606	7.4	29.5	--	6.6	88	--	--
25	1240	20	374	602	7.4	29.5	--	6.5	87	--	--
25	1240	20	374	606	7.4	29.4	--	6.4	85	--	--

Table 2.--Water-quality data for station 392142081185201, Ohio River, at river mile 161.4 (June to October 1991)--continued.

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; µg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (µg/L)	Pheophytin (µg/L)
July											
25	1244	0.5	627	604	7.5	29.9	--	7.0	94	--	--
25	1244	3.3	627	604	7.6	29.8	--	7.0	94	--	--
25	1245	6.6	627	604	7.5	29.6	--	6.6	88	--	--
25	1245	9.8	627	603	7.4	29.5	--	6.5	87	--	--
25	1245	13	627	604	7.4	29.5	--	6.4	85	--	--
25	1246	16	627	604	7.4	29.5	--	6.4	85	--	--
25	1246	20	627	605	7.4	29.5	--	6.4	85	--	--
25	1246	23	627	603	7.4	29.5	--	6.3	84	--	--
25	1247	26	627	605	7.4	29.4	--	6.3	84	--	--
25	1247	29	627	604	7.4	29.4	--	6.2	83	--	--
25	1252	.5	876	604	7.6	30.0	--	7.0	94	--	--
25	1252	3.3	876	604	7.6	29.9	--	7.0	94	--	--
25	1253	6.6	876	605	7.5	29.6	--	6.7	90	--	--
25	1253	9.8	876	604	7.4	29.5	--	6.4	85	--	--
25	1253	13	876	604	7.4	29.5	--	6.4	85	--	--
25	1254	16	876	603	7.4	29.5	--	6.3	84	--	--
25	1254	20	876	604	7.4	29.5	--	6.3	84	--	--
25	1254	23	876	604	7.4	29.4	--	6.2	83	--	--
25	1255	26	876	605	7.4	29.4	--	6.2	83	--	--
25	1255	30	876	605	7.4	29.4	--	6.2	83	--	--
25	1256	33	876	604	7.3	29.4	--	6.0	80	--	--
25	1256	.5	1,125	604	7.5	29.7	--	6.9	92	--	--
25	1256	3.3	1,125	604	7.5	29.7	--	6.9	92	--	--
25	1257	6.6	1,125	604	7.4	29.6	--	6.5	87	--	--
25	1257	9.8	1,125	605	7.4	29.5	--	6.4	85	--	--
25	1257	13	1,125	604	7.4	29.5	--	6.4	85	--	--
25	1258	16	1,125	604	7.4	29.5	--	6.3	84	--	--
25	1258	20	1,125	604	7.4	29.5	--	6.3	84	--	--
25	1258	23	1,125	605	7.4	29.5	--	6.3	84	--	--
25	1259	26	1,125	604	7.4	29.4	--	6.1	81	--	--
25	1259	30	1,125	604	7.3	29.4	--	6.0	80	--	--
25	1259	32	1,125	604	7.3	29.4	--	6.0	80	--	--
August											
08	1149	.5	125	685	7.5	28.5	--	7.2	94	--	--
08	1149	3.3	125	684	7.5	28.1	--	7.1	92	--	--
08	1150	6.6	125	683	7.4	28.0	--	6.9	89	--	--
08	1150	9.8	125	682	7.4	27.9	--	6.7	87	--	--

Table 2.--Water-quality data for station 392142081185201, Ohio River, at river mile 161.4 (June to October 1991)--continued.

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; µg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (µg/L)	Pheophytin (µg/L)
August											
08	1150	13	125	683	7.4	27.9	--	6.6	85	--	--
08	1151	16	125	683	7.4	27.9	--	6.6	85	--	--
08	1151	20	125	680	7.3	27.8	--	6.5	84	--	--
08	1151	20	125	681	7.3	27.8	--	6.5	84	--	--
08	1156	.5	374	683	7.5	28.5	--	7.2	94	--	--
08	1156	3.3	374	685	7.5	28.4	--	7.2	94	--	--
08	1157	6.6	374	680	7.4	27.9	--	6.7	87	--	--
08	1157	9.8	374	681	7.3	27.9	--	6.6	85	--	--
08	1157	13	374	684	7.3	27.9	--	6.6	85	--	--
08	1158	16	374	684	7.3	27.9	--	6.6	85	--	--
08	1158	20	374	681	7.3	27.9	--	6.5	84	--	--
08	1158	20	374	681	7.3	27.8	--	6.5	84	--	--
08	1158	.5	627	681	7.5	28.5	1.5	7.3	95	2.9	2.9
08	1158	3.3	627	682	7.4	28.1	--	7.1	92	--	--
08	1159	6.6	627	681	7.4	28.0	--	6.8	88	2.9	7.1
08	1159	9.8	627	682	7.3	27.9	--	6.5	84	--	--
08	1159	13	627	681	7.3	27.9	--	6.3	81	5.1	5.5
08	1200	16	627	685	7.3	27.9	--	6.4	83	--	--
08	1200	20	627	683	7.3	27.8	--	6.3	81	4.6	2.2
08	1200	23	627	683	7.3	27.8	--	6.3	81	--	--
08	1201	26	627	683	7.3	27.8	--	6.2	80	2.1	2.2
08	1201	29	627	678	7.2	27.8	--	5.9	76	--	--
08	1216	.5	876	681	7.4	28.9	--	6.9	91	--	--
08	1216	3.3	876	681	7.4	28.2	--	7.1	92	--	--
08	1217	6.6	876	679	7.4	28.1	--	7.0	91	--	--
08	1217	9.8	876	678	7.3	27.9	--	6.6	85	--	--
08	1217	13	876	678	7.3	27.9	--	6.4	83	--	--
08	1218	16	876	680	7.3	27.9	--	6.3	81	--	--
08	1218	20	876	676	7.2	27.8	--	6.3	81	--	--
08	1218	23	876	676	7.2	27.8	--	6.2	80	--	--
08	1219	26	876	676	7.2	27.8	--	6.1	79	--	--
08	1219	30	876	676	7.2	27.8	--	6.0	77	--	--
08	1220	31	876	676	7.2	27.8	--	5.8	75	--	--

Table 2.--Water-quality data for station 392142081185201, Ohio River, at river mile 161.4 (June to October 1991)--continued.

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; µg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (µg/L)	Pheophytin (µg/L)
August											
08	1227	0.5	1,125	678	7.4	28.7	--	7.0	92	--	--
08	1227	3.3	1,125	677	7.4	28.5	--	6.9	90	--	--
08	1228	6.6	1,125	678	7.4	28.1	--	7.0	91	--	--
08	1228	9.8	1,125	678	7.3	27.9	--	6.7	87	--	--
08	1228	13	1,125	678	7.3	27.9	--	6.4	83	--	--
08	1229	16	1,125	678	7.3	27.9	--	6.3	81	--	--
08	1229	20	1,125	676	7.3	27.9	--	6.3	81	--	--
08	1229	23	1,125	681	7.2	27.9	--	6.2	80	--	--
08	1230	26	1,125	672	7.2	27.9	--	6.2	80	--	--
08	1230	30	1,125	675	7.2	27.8	--	6.1	79	--	--
08	1231	33	1,125	675	7.2	27.8	--	6.0	77	--	--
21	1107	.5	125	615	7.2	27.0	--	6.3	80	--	--
21	1107	3.3	125	617	7.2	27.0	--	6.3	80	--	--
21	1108	6.6	125	617	7.2	27.0	--	6.2	79	--	--
21	1108	9.8	125	618	7.2	27.0	--	6.2	79	--	--
21	1108	13	125	619	7.2	27.0	--	6.2	79	--	--
21	1109	16	125	616	7.2	27.0	--	6.3	80	--	--
21	1109	18	125	615	7.2	27.0	--	6.3	80	--	--
21	1114	.5	374	615	7.2	27.1	--	6.3	80	--	--
21	1114	3.3	374	616	7.2	27.1	--	6.3	80	--	--
21	1115	6.6	374	617	7.2	27.1	--	6.2	79	--	--
21	1115	9.8	374	617	7.2	27.1	--	6.2	79	--	--
21	1115	13	374	618	7.2	27.0	--	6.2	79	--	--
21	1116	16	374	617	7.2	27.0	--	6.2	79	--	--
21	1116	20	374	619	7.2	27.0	--	6.2	79	--	--
21	1116	21	374	618	7.2	27.0	--	6.2	79	--	--
21	1121	.5	627	615	7.2	27.1	--	6.3	80	--	--
21	1121	3.3	627	615	7.2	27.1	--	6.3	80	--	--
21	1122	6.6	627	617	7.2	27.1	--	6.2	79	--	--
21	1122	9.8	627	617	7.2	27.0	--	6.1	78	--	--
21	1122	13	627	616	7.2	27.0	--	6.1	78	--	--
21	1123	16	627	618	7.2	27.0	--	6.0	76	--	--
21	1123	20	627	615	7.2	27.0	--	6.0	76	--	--
21	1123	23	627	617	7.2	27.0	--	5.9	75	--	--
21	1124	26	627	614	7.2	27.0	--	6.0	76	--	--
21	1124	30	627	615	7.2	26.9	--	6.0	76	--	--
21	1125	31	627	616	7.2	26.9	--	6.0	76	--	--

Table 2.--Water-quality data for station 392142081185201, Ohio River, at river mile 161.4 (June to October 1991)--continued.

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
August											
21	1129	0.5	876	615	7.2	27.1	--	6.2	79	--	--
21	1129	3.3	876	614	7.2	27.1	--	6.2	79	--	--
21	1130	6.6	876	615	7.2	27.1	--	6.2	79	--	--
21	1130	9.8	876	614	7.2	27.0	--	6.1	78	--	--
21	1130	13	876	615	7.2	27.0	--	6.1	78	--	--
21	1131	16	876	615	7.2	27.0	--	6.1	78	--	--
21	1131	20	876	614	7.2	27.0	--	6.1	78	--	--
21	1131	23	876	614	7.2	27.0	--	6.1	78	--	--
21	1132	26	876	614	7.2	27.0	--	6.1	78	--	--
21	1132	30	876	614	7.2	27.0	--	6.0	76	--	--
21	1133	33	876	617	7.2	27.0	--	6.0	76	--	--
21	1133	34	876	617	7.2	27.0	--	6.0	76	--	--
21	1137	.5	1,125	615	7.2	27.0	--	6.1	78	--	--
21	1137	3.3	1,125	615	7.2	27.0	--	6.1	78	--	--
21	1138	6.6	1,125	615	7.2	27.0	--	6.1	78	--	--
21	1138	9.8	1,125	614	7.2	27.0	--	6.1	78	--	--
21	1138	13	1,125	614	7.2	27.0	--	6.1	78	--	--
21	1139	16	1,125	614	7.2	27.0	--	6.1	78	--	--
21	1139	20	1,125	614	7.2	27.0	--	6.1	78	--	--
21	1139	23	1,125	614	7.2	27.0	--	6.1	78	--	--
21	1140	26	1,125	614	7.2	27.0	--	6.1	78	--	--
21	1140	30	1,125	615	7.2	27.0	--	6.0	76	--	--
21	1141	32	1,125	615	7.2	27.0	--	6.0	76	--	--
September											
11	1053	.5	125	690	7.3	26.8	--	6.8	86	--	--
11	1053	3.3	125	686	7.3	26.6	--	6.8	86	--	--
11	1054	6.6	125	681	7.2	26.5	--	6.7	85	--	--
11	1054	9.8	125	683	7.2	26.4	--	6.7	84	--	--
11	1054	13	125	683	7.2	26.4	--	6.7	84	--	--
11	1055	15	125	684	7.2	26.4	--	6.7	84	--	--
11	1058	.5	374	686	7.3	26.8	--	6.9	88	--	--
11	1058	3.3	374	686	7.3	26.6	--	6.8	86	--	--
11	1059	6.6	374	685	7.2	26.6	--	6.8	86	--	--
11	1059	9.8	374	683	7.2	26.5	--	6.8	86	--	--
11	1059	13	374	682	7.2	26.4	--	6.7	84	--	--
11	1100	16	374	682	7.2	26.4	--	6.7	84	--	--
11	1100	20	374	682	7.2	26.4	--	6.7	84	--	--

Table 2.--Water-quality data for station 392142081185201, Ohio River, at river mile 161.4 (June to October 1991)--continued.

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
September											
11	1105	0.5	627	686	7.3	27.0	--	6.9	88	--	--
11	1105	3.3	627	683	7.3	26.6	--	6.9	88	--	--
11	1106	6.6	627	682	7.2	26.6	--	6.8	86	--	--
11	1106	9.8	627	680	7.2	26.5	--	6.8	86	--	--
11	1106	13	627	681	7.2	26.5	--	6.8	86	--	--
11	1107	16	627	680	7.2	26.4	--	6.8	86	--	--
11	1107	20	627	682	7.2	26.4	--	6.7	84	--	--
11	1107	23	627	678	7.2	26.4	--	6.7	84	--	--
11	1108	26	627	678	7.2	26.4	--	6.7	84	--	--
11	1108	30	627	676	7.2	26.4	--	6.7	84	--	--
11	1109	30	627	681	7.2	26.4	--	6.7	84	--	--
11	1109	.5	876	682	7.3	27.2	--	6.9	88	--	--
11	1109	3.3	876	684	7.3	27.1	--	6.9	88	--	--
11	1110	6.6	876	683	7.2	26.7	--	6.8	86	--	--
11	1110	9.8	876	682	7.2	26.6	--	6.8	86	--	--
11	1110	13	876	683	7.2	26.5	--	6.7	85	--	--
11	1111	16	876	683	7.2	26.5	--	6.7	85	--	--
11	1111	20	876	682	7.2	26.4	--	6.7	84	--	--
11	1111	23	876	682	7.2	26.4	--	6.7	84	--	--
11	1112	26	876	682	7.2	26.4	--	6.7	84	--	--
11	1112	30	876	682	7.2	26.4	--	6.7	84	--	--
11	1113	33	876	682	7.2	26.4	--	6.7	84	--	--
11	1116	.5	1,125	686	7.3	27.0	--	6.9	88	--	--
11	1116	3.3	1,125	684	7.3	26.9	--	6.9	88	--	--
11	1117	6.6	1,125	684	7.2	26.8	--	6.8	86	--	--
11	1117	9.8	1,125	683	7.2	26.5	--	6.8	86	--	--
11	1117	13	1,125	683	7.2	26.5	--	6.7	85	--	--
11	1118	16	1,125	683	7.2	26.5	--	6.7	85	--	--
11	1118	20	1,125	683	7.2	26.5	--	6.7	85	--	--
11	1118	23	1,125	683	7.2	26.5	--	6.7	85	--	--
11	1119	26	1,125	683	7.2	26.5	--	6.7	85	--	--
11	1119	30	1,125	682	7.2	26.5	--	6.7	85	--	--
11	1120	33	1,125	685	7.2	26.4	--	6.7	84	--	--
17	1155	.5	125	675	7.4	28.1	--	7.1	92	--	--
17	1155	3.3	125	675	7.4	28.1	--	7.1	92	--	--
17	1156	6.6	125	678	7.3	27.9	--	6.8	88	--	--

Table 2.--Water-quality data for station 392142081185201, Ohio River, at river mile 161.4 (June to October 1991)--continued.

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; µg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (µg/L)	Pheophytin (µg/L)
September											
17	1156	9.8	125	674	7.2	27.6	--	6.3	81	--	--
17	1156	13	125	675	7.2	27.5	--	6.3	81	--	--
17	1157	16	125	675	7.2	27.4	--	6.1	78	--	--
17	1157	17	125	672	7.2	27.4	--	6.0	77	--	--
17	1203	.5	374	674	7.4	28.1	--	7.0	91	--	--
17	1203	3.3	374	673	7.4	28.1	--	7.0	91	--	--
17	1204	6.6	374	678	7.3	27.9	--	6.7	87	--	--
17	1204	9.8	374	677	7.3	27.7	--	6.5	84	--	--
17	1204	13	374	672	7.3	27.6	--	6.4	83	--	--
17	1205	16	374	670	7.2	27.5	--	6.4	82	--	--
17	1205	20	374	671	7.2	27.3	--	6.1	78	--	--
17	1211	.5	627	673	7.4	28.2	--	7.0	91	--	--
17	1211	3.3	627	673	7.3	28.2	--	7.0	91	--	--
17	1212	6.6	627	674	7.3	28.0	--	6.8	88	--	--
17	1212	9.8	627	676	7.3	27.8	--	6.7	87	--	--
17	1212	13	627	674	7.3	27.8	--	6.5	84	--	--
17	1213	16	627	670	7.2	27.5	--	6.4	82	--	--
17	1213	20	627	670	7.2	27.4	--	6.3	81	--	--
17	1213	23	627	670	7.2	27.4	--	6.3	81	--	--
17	1214	26	627	672	7.2	27.3	--	6.0	77	--	--
17	1214	28	627	672	7.2	27.2	--	5.9	76	--	--
17	1218	.5	876	673	7.3	28.2	--	6.9	90	--	--
17	1218	3.3	876	673	7.3	28.2	--	6.9	90	--	--
17	1219	6.6	876	673	7.3	27.9	--	6.6	86	--	--
17	1219	9.8	876	672	7.3	27.8	--	6.5	84	--	--
17	1219	13	876	671	7.3	27.7	--	6.5	84	--	--
17	1220	16	876	671	7.2	27.6	--	6.4	83	--	--
17	1220	20	876	670	7.2	27.5	--	6.3	81	--	--
17	1220	23	876	670	7.2	27.3	--	6.1	78	--	--
17	1221	26	876	670	7.2	27.3	--	6.1	78	--	--
17	1221	30	876	671	7.2	27.2	--	6.0	77	--	--
17	1222	33	876	676	7.1	27.0	--	5.5	70	--	--
17	1228	.5	1,125	677	7.3	27.6	--	6.7	86	--	--
17	1228	3.3	1,125	676	7.2	27.7	--	6.6	85	--	--
17	1229	6.6	1,125	677	7.2	27.7	--	6.6	85	--	--

Table 2.--Water-quality data for station 392142081185201, Ohio River, at river mile 161.4 (June to October 1991)--continued.

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; µg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (µg/L)	Pheophytin (µg/L)
September											
17	1229	9.8	1,125	680	7.2	27.6	--	6.6	85	--	--
17	1229	13	1,125	675	7.2	27.6	--	6.6	85	--	--
17	1230	16	1,125	678	7.2	27.6	--	6.5	84	--	--
17	1230	17	1,125	676	7.2	27.6	--	6.5	84	--	--
October											
23	1232	.5	125	679	7.8	18.5	--	9.6	103	--	--
23	1232	3.3	125	682	7.8	17.5	--	9.4	99	--	--
23	1233	6.6	125	684	7.7	17.3	--	9.1	96	--	--
23	1233	9.8	125	684	7.7	17.3	--	9.1	96	--	--
23	1233	13	125	685	7.5	16.8	--	8.3	86	--	--
23	1234	16	125	687	7.5	16.8	--	8.2	85	--	--
23	1242	.5	374	682	7.8	18.1	--	9.7	103	--	--
23	1242	3.3	374	681	7.9	17.4	--	9.6	102	--	--
23	1243	6.6	374	682	7.8	17.2	--	9.3	98	--	--
23	1243	9.8	374	685	7.6	17.0	--	8.8	92	--	--
23	1243	13	374	685	7.6	16.9	--	8.6	90	--	--
23	1244	16	374	685	7.5	16.9	--	8.3	87	--	--
23	1244	20	374	686	7.5	16.8	--	8.2	86	--	--
23	1255	.5	626	681	7.7	18.7	--	9.2	99	--	--
23	1255	3.3	626	681	7.8	17.4	--	9.5	99	--	--
23	1256	6.6	626	681	7.7	17.0	--	9.1	95	--	--
23	1256	9.8	626	682	7.6	17.0	--	8.8	92	--	--
23	1256	13	626	681	7.6	16.9	--	8.6	90	--	--
23	1257	16	626	682	7.5	16.8	--	8.6	89	--	--
23	1257	20	626	685	7.5	16.8	--	8.4	88	--	--
23	1257	23	626	683	7.5	16.8	--	8.4	87	--	--
23	1258	26	626	685	7.5	16.8	--	8.3	86	--	--
23	1258	30	626	683	7.5	16.8	--	8.2	95	--	--
23	1259	30	626	687	7.5	16.8	--	8.2	85	--	--
23	1310	.5	876	682	7.7	18.8	--	9.3	100	--	--
23	1310	3.3	876	682	7.8	17.5	--	9.6	101	--	--
23	1311	6.6	876	682	7.7	17.0	--	9.0	94	--	--
23	1311	9.8	876	682	7.6	16.9	--	8.8	91	--	--
23	1311	13	876	682	7.6	16.8	--	8.5	87	--	--
23	1312	16	876	682	7.5	16.8	--	8.4	87	--	--
23	1312	20	876	681	7.5	16.8	--	8.4	87	--	--

Table 2.--Water-quality data for station 392142081185201, Ohio River, at river mile 161.4 (June to October 1991)--continued.

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
October											
23	1312	23	876	683	7.5	16.8	--	8.4	87	--	--
23	1313	26	876	681	7.5	16.8	--	8.3	87	--	--
23	1313	30	876	688	7.5	16.8	--	8.3	86	--	--
23	1314	33	876	685	7.4	16.8	--	8.1	84	--	--
23	1314	35	876	685	7.4	16.7	--	8.0	83	--	--
23	1319	.5	1,125	683	8.0	18.4	--	10.1	108	--	--
23	1319	3.3	1,125	685	8.0	17.9	--	10.0	104	--	--
23	1320	6.6	1,125	683	7.6	17.1	--	8.8	92	--	--
23	1320	9.8	1,125	682	7.6	17.0	--	8.7	91	--	--
23	1320	13	1,125	684	7.5	17.0	--	8.7	91	--	--
23	1321	16	1,125	682	7.5	16.9	--	8.7	91	--	--
23	1321	20	1,125	683	7.5	16.9	--	8.7	91	--	--
23	1321	23	1,125	681	7.6	16.9	--	8.8	91	--	--
23	1322	26	1,125	681	7.5	16.8	--	8.5	89	--	--
23	1322	30	1,125	681	7.5	16.8	--	8.6	90	--	--
23	1323	33	1,125	681	7.5	16.8	--	8.5	89	--	--
23	1323	33	1,125	682	7.5	16.8	--	8.5	89	--	--

Table 3.--Water-quality data for station 392121081193401, Ohio River, at river mile 162.1 (June to October 1991).

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms 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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
June											
20	1232	0.5	118	510	7.5	27.8	--	6.7	85	--	--
20	1232	3.3	118	509	7.5	27.7	--	6.7	85	--	--
20	1233	6.6	118	509	7.4	27.6	--	6.6	83	--	--
20	1233	9.8	118	509	7.4	27.5	--	6.4	81	--	--
20	1234	12	118	509	7.4	27.4	--	6.4	81	--	--
20	1239	.5	358	509	7.4	27.5	--	6.8	86	--	--
20	1239	3.3	358	510	7.4	27.5	--	6.5	82	--	--
20	1240	6.6	358	510	7.4	27.5	--	6.5	82	--	--
20	1240	9.8	358	510	7.4	27.5	--	6.5	82	--	--
20	1241	13	358	510	7.4	27.5	--	6.4	81	--	--
20	1241	16	358	509	7.4	27.4	--	6.4	81	--	--
20	1241	20	358	510	7.4	27.4	--	6.3	79	--	--
20	1242	21	358	509	7.4	27.4	--	6.3	79	--	--
20	1245	.5	594	509	7.4	27.5	--	6.8	86	--	--
20	1245	3.3	594	509	7.4	27.5	--	6.6	83	--	--
20	1246	6.6	594	509	7.4	27.5	--	6.5	82	--	--
20	1246	9.8	594	509	7.4	27.5	--	6.4	81	--	--
20	1247	13	594	510	7.4	27.5	--	6.3	80	--	--
20	1247	16	594	510	7.4	27.5	--	6.3	80	--	--
20	1247	20	594	509	7.4	27.4	--	6.3	79	--	--
20	1248	20	594	510	7.4	27.4	--	6.3	79	--	--
20	1252	.5	830	510	7.4	27.6	--	6.7	85	--	--
20	1252	3.3	830	510	7.4	27.6	--	6.7	85	--	--
20	1253	6.6	830	510	7.4	27.5	--	6.5	82	--	--
20	1253	9.8	830	509	7.4	27.5	--	6.4	81	--	--
20	1254	13	830	510	7.4	27.5	--	6.4	81	--	--
20	1254	16	830	510	7.4	27.5	--	6.4	81	--	--
20	1257	.5	1,070	509	7.4	27.5	--	6.8	86	--	--
20	1257	3.3	1,070	509	7.4	27.5	--	6.7	85	--	--
20	1258	6.6	1,070	509	7.4	27.5	--	6.5	82	--	--
20	1258	9.8	1,070	509	7.4	27.5	--	6.5	82	--	--
20	1258	13	1,070	509	7.4	27.5	--	6.3	80	--	--
20	1259	15	1,070	508	7.4	27.5	--	6.3	80	--	--

Table 3.--Water-quality data for station 392121081193401, Ohio River, at river mile 162.1 (June to October 1991)--continued.

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms 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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
July											
18	2039	0.5	118	591	7.6	28.8	--	7.5	99	--	--
18	2039	3.3	118	592	7.6	28.8	--	7.5	99	--	--
18	2040	6.6	118	592	7.6	28.8	--	7.4	98	--	--
18	2040	9.8	118	591	7.6	28.8	--	7.4	98	--	--
18	2040	13	118	592	7.6	28.8	--	7.4	98	--	--
18	2041	16	118	592	7.6	28.8	--	7.4	98	--	--
18	2041	18	118	592	7.6	28.8	--	7.5	99	--	--
18	2030	.5	358	593	7.6	28.9	--	7.5	99	--	--
18	2030	3.3	358	593	7.6	28.9	--	7.5	99	--	--
18	2031	6.6	358	593	7.6	28.9	--	7.5	99	--	--
18	2031	9.8	358	593	7.6	28.9	--	7.4	98	--	--
18	2031	13	358	592	7.6	28.9	--	7.4	98	--	--
18	2032	16	358	592	7.6	28.9	--	7.4	98	--	--
18	2032	20	358	594	7.6	28.9	--	7.4	98	--	--
18	2032	21	358	593	7.6	28.9	--	7.3	97	--	--
18	2000	.5	594	595	7.6	28.9	--	7.6	101	--	--
18	2000	3.3	594	595	7.6	28.9	--	7.6	101	--	--
18	2001	6.6	594	594	7.6	28.9	--	7.6	101	--	--
18	2001	9.8	594	594	7.6	28.9	--	7.5	99	--	--
18	2001	13	594	594	7.6	28.9	--	7.5	99	--	--
18	2002	13	594	595	7.6	28.9	--	7.5	99	--	--
18	2013	.5	830	591	7.7	28.9	--	7.6	101	--	--
18	2013	3.3	830	594	7.6	28.9	--	7.6	101	--	--
18	2014	6.6	830	593	7.6	28.9	--	7.6	101	--	--
18	2014	9.8	830	594	7.6	28.9	--	7.6	101	--	--
18	2014	13	830	593	7.6	28.9	--	7.6	101	--	--
18	2015	16	830	593	7.6	28.9	--	7.6	101	--	--
18	2015	20	830	594	7.6	28.9	--	7.6	101	--	--
18	2015	22	830	593	7.6	28.9	--	7.5	99	--	--
18	2022	.5	1,070	593	7.7	28.9	--	7.6	101	--	--
18	2022	3.3	1,070	593	7.7	28.9	--	7.6	101	--	--
18	2023	6.6	1,070	593	7.7	28.9	--	7.6	101	--	--
18	2023	9.8	1,070	593	7.6	28.9	--	7.6	101	--	--
18	2023	13	1,070	593	7.6	28.9	--	7.5	99	--	--
18	2024	13	1,070	593	7.6	28.9	--	7.6	101	--	--

Table 3.--Water-quality data for station 392121081193401, Ohio River, at river mile 162.1 (June to October 1991)--continued.

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms 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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
July											
25	1326	0.5	118	603	7.4	30.1	--	7.2	97	--	--
25	1326	3.3	118	603	7.4	29.8	--	7.1	95	--	--
25	1327	6.6	118	603	7.4	29.7	--	7.0	94	--	--
25	1327	9.8	118	603	7.4	29.6	--	7.0	93	--	--
25	1327	13	118	603	7.4	29.6	--	6.9	92	--	--
25	1328	16	118	603	7.4	29.6	--	6.8	91	--	--
25	1328	20	118	603	7.4	29.5	--	6.7	89	--	--
25	1328	21	118	601	7.3	29.5	--	6.6	88	--	--
25	1354	.5	358	603	7.4	29.7	--	7.0	94	--	--
25	1354	3.3	358	605	7.4	29.7	--	7.0	94	--	--
25	1355	6.6	358	605	7.4	29.7	--	7.0	94	--	--
25	1355	9.8	358	602	7.4	29.6	--	6.9	92	--	--
25	1355	13	358	605	7.4	29.6	--	6.8	91	--	--
25	1356	16	358	603	7.4	29.6	--	6.8	91	--	--
25	1356	20	358	603	7.3	29.4	--	6.6	88	--	--
25	1356	23	358	602	7.3	29.4	--	6.4	85	--	--
25	1410	.5	594	604	7.4	29.7	--	7.0	94	--	--
25	1410	3.3	594	604	7.4	29.7	--	7.0	94	--	--
25	1411	6.6	594	604	7.4	29.6	--	6.9	92	--	--
25	1411	9.8	594	601	7.4	29.6	--	6.9	92	--	--
25	1411	13	594	602	7.4	29.6	--	6.9	92	--	--
25	1412	16	594	603	7.4	29.6	--	6.9	92	--	--
25	1412	19	594	601	7.4	29.6	--	6.9	92	--	--
25	1411	.5	830	604	7.5	29.6	--	7.1	95	--	--
25	1411	3.3	830	603	7.5	29.6	--	7.1	95	--	--
25	1412	6.6	830	603	7.5	29.6	--	7.0	94	--	--
25	1412	9.8	830	603	7.5	29.6	--	7.0	94	--	--
25	1412	13	830	605	7.4	29.6	--	7.0	94	--	--
25	1413	16	830	604	7.4	29.6	--	7.0	94	--	--
25	1413	19	830	605	7.4	29.6	--	7.0	94	--	--
25	1416	.5	1,070	603	7.5	29.6	--	7.0	94	--	--
25	1416	3.3	1,070	603	7.5	29.6	--	7.0	94	--	--
25	1417	6.6	1,070	602	7.5	29.6	--	7.0	94	--	--
25	1417	9.8	1,070	603	7.4	29.6	--	7.0	94	--	--
25	1417	13	1,070	603	7.4	29.6	--	7.0	94	--	--
25	1418	14	1,070	603	7.4	29.6	--	7.0	94	--	--

Table 3.--Water-quality data for station 392121081193401, Ohio River, at river mile 162.1 (June to October 1991)--continued.

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms 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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
August											
08	1314	0.5	118	676	7.3	29.0	--	6.7	88	--	--
08	1314	3.3	118	676	7.2	28.3	--	6.6	86	--	--
08	1315	6.6	118	675	7.2	28.2	--	6.5	85	--	--
08	1315	9.8	118	676	7.1	28.1	--	6.3	82	--	--
08	1315	13	118	676	7.1	28.1	--	6.3	82	--	--
08	1316	16	118	676	7.1	28.1	--	6.3	82	--	--
08	1316	20	118	676	7.1	28.1	--	6.3	82	--	--
08	1316	22	118	676	7.1	28.1	--	6.2	80	--	--
08	1322	.5	358	677	7.2	28.5	--	6.7	88	--	--
08	1322	3.3	358	676	7.2	28.4	--	6.7	87	--	--
08	1323	6.6	358	678	7.2	28.2	--	6.6	86	--	--
08	1323	9.8	358	678	7.1	28.1	--	6.5	84	--	--
08	1323	13	358	675	7.1	28.1	--	6.4	83	--	--
08	1324	16	358	680	7.1	28.1	--	6.4	83	--	--
08	1324	20	358	677	7.1	28.1	--	6.4	83	--	--
08	1324	21	358	676	7.1	28.1	--	6.4	83	--	--
08	1330	.5	594	678	7.2	28.2	1.5	6.7	87	2.0	1.4
08	1330	3.3	594	678	7.2	28.2	--	6.7	87	--	--
08	1331	6.6	594	678	7.2	28.2	--	6.7	87	1.9	1.7
08	1331	9.8	594	678	7.2	28.1	--	6.6	86	--	--
08	1331	13	594	678	7.2	28.1	--	6.6	86	3.9	3.1
08	1332	16	594	678	7.2	28.1	--	6.6	86	--	--
08	1337	.5	830	678	7.2	28.3	--	6.7	87	--	--
08	1337	3.3	830	677	7.2	28.2	--	6.6	86	--	--
08	1338	6.6	830	678	7.2	28.1	--	6.6	86	--	--
08	1338	9.8	830	679	7.2	28.1	--	6.6	86	--	--
08	1338	13	830	678	7.2	28.1	--	6.6	86	--	--
08	1339	16	830	678	7.2	28.1	--	6.6	86	--	--
08	1339	20	830	679	7.2	28.1	--	6.6	86	--	--
08	1339	20	830	679	7.2	28.1	--	6.6	86	--	--
08	1343	.5	1,070	679	7.2	28.2	--	6.7	87	--	--
08	1343	3.3	1,070	678	7.2	28.2	--	6.7	87	--	--
08	1344	6.6	1,070	678	7.2	28.2	--	6.7	87	--	--
08	1344	9.8	1,070	678	7.2	28.1	--	6.7	87	--	--
08	1344	13	1,070	678	7.2	28.1	--	6.7	87	--	--
08	1345	16	1,070	678	7.2	28.1	--	6.7	87	--	--

Table 3.--Water-quality data for station 392121081193401, Ohio River, at river mile 162.1 (June to October 1991)--continued.

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms 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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
August											
21	1221	0.5	118	619	7.2	27.0	--	6.2	79	--	--
21	1221	3.3	118	619	7.2	27.0	--	6.2	79	--	--
21	1222	6.6	118	618	7.2	27.0	--	6.1	78	--	--
21	1222	9.8	118	618	7.2	27.0	--	6.1	78	--	--
21	1222	13	118	618	7.2	27.0	--	6.1	78	--	--
21	1223	16	118	618	7.2	26.9	--	6.1	78	--	--
21	1223	20	118	618	7.2	26.9	--	6.1	78	--	--
21	1223	21	118	618	7.1	26.9	--	6.0	76	--	--
21	1226	.5	358	618	7.2	27.0	--	6.2	79	--	--
21	1226	3.3	358	618	7.2	27.0	--	6.2	79	--	--
21	1227	6.6	358	618	7.2	27.0	--	6.2	79	--	--
21	1227	9.8	358	618	7.2	27.0	--	6.1	78	--	--
21	1227	13	358	618	7.2	26.9	--	6.1	78	--	--
21	1228	16	358	618	7.2	26.9	--	6.1	78	--	--
21	1228	20	358	618	7.2	26.9	--	6.1	78	--	--
21	1228	22	358	618	7.2	26.9	--	6.1	78	--	--
21	1233	.5	594	618	7.2	27.0	--	6.2	79	--	--
21	1233	3.3	594	618	7.2	27.0	--	6.2	79	--	--
21	1234	6.6	594	620	7.2	27.0	--	6.1	78	--	--
21	1234	9.8	594	617	7.2	27.0	--	6.1	78	--	--
21	1234	13	594	619	7.2	27.0	--	6.1	78	--	--
21	1235	16	594	618	7.2	27.0	--	6.1	78	--	--
21	1235	18	594	619	7.2	27.0	--	6.1	78	--	--
21	1238	.5	830	619	7.2	27.0	--	6.2	79	--	--
21	1238	3.3	830	620	7.2	27.0	--	6.1	78	--	--
21	1239	6.6	830	619	7.2	27.0	--	6.1	78	--	--
21	1239	9.8	830	619	7.2	27.0	--	6.1	78	--	--
21	1239	13	830	619	7.2	27.0	--	6.1	78	--	--
21	1240	16	830	619	7.2	27.0	--	6.1	78	--	--
21	1240	20	830	619	7.2	27.0	--	6.1	78	--	--
21	1240	21	830	619	7.2	27.0	--	6.1	78	--	--
21	1244	.5	1,070	619	7.2	27.0	--	6.2	79	--	--
21	1244	3.3	1,070	619	7.2	27.0	--	6.1	78	--	--
21	1245	6.6	1,070	618	7.2	27.0	--	6.1	78	--	--
21	1245	9.8	1,070	618	7.2	27.0	--	6.1	78	--	--
21	1245	13	1,070	618	7.2	27.0	--	6.1	78	--	--

Table 3.--Water-quality data for station 392121081193401, Ohio River, at river mile 162.1 (June to October 1991)--continued.

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms 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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
September											
11	1215	0.5	118	685	7.3	26.7	--	7.0	89	--	--
11	1215	3.3	118	684	7.3	26.7	--	7.0	89	--	--
11	1216	6.6	118	685	7.3	26.7	--	6.9	87	--	--
11	1216	9.8	118	685	7.3	26.7	--	6.9	87	--	--
11	1216	13	118	685	7.3	26.7	--	6.9	87	--	--
11	1217	16	118	685	7.3	26.7	--	6.9	87	--	--
11	1217	18	118	686	7.3	26.7	--	6.9	87	--	--
11	1221	.5	358	685	7.3	26.7	--	7.0	89	--	--
11	1221	3.3	358	685	7.3	26.7	--	7.0	89	--	--
11	1222	6.6	358	684	7.3	26.7	--	6.9	87	--	--
11	1222	9.8	358	687	7.3	26.7	--	6.9	87	--	--
11	1222	13	358	687	7.3	26.7	--	6.9	87	--	--
11	1223	16	358	686	7.3	26.7	--	6.9	87	--	--
11	1223	20	358	685	7.2	26.7	--	6.9	87	--	--
11	1223	22	358	686	7.2	26.7	--	6.9	87	--	--
11	1227	.5	594	684	7.3	26.7	--	6.9	87	--	--
11	1227	3.3	594	684	7.3	26.7	--	7.0	89	--	--
11	1228	6.6	594	684	7.3	26.7	--	7.0	89	--	--
11	1228	9.8	594	683	7.2	26.7	--	7.0	89	--	--
11	1228	13	594	684	7.2	26.7	--	7.0	89	--	--
11	1229	15	594	684	7.2	26.7	--	7.0	89	--	--
11	1235	.5	830	684	7.3	26.7	--	7.0	89	--	--
11	1235	3.3	830	685	7.3	26.7	--	6.9	87	--	--
11	1236	6.6	830	686	7.3	26.7	--	6.9	87	--	--
11	1236	9.8	830	688	7.3	26.7	--	6.9	87	--	--
11	1236	13	830	688	7.2	26.7	--	6.9	87	--	--
11	1237	16	830	684	7.2	26.7	--	6.9	87	--	--
11	1237	20	830	684	7.2	26.7	--	6.9	87	--	--
11	1237	22	830	685	7.2	26.7	--	6.9	87	--	--
11	1240	.5	1,070	684	7.3	26.7	--	6.9	87	--	--
11	1240	3.3	1,070	684	7.3	26.7	--	6.9	87	--	--
11	1241	6.6	1,070	686	7.2	26.7	--	6.9	87	--	--
11	1241	9.8	1,070	684	7.2	26.7	--	6.9	87	--	--
11	1241	13	1,070	685	7.2	26.7	--	6.9	87	--	--
11	1242	14	1,070	684	7.2	26.7	--	6.9	87	--	--

Table 3.--Water-quality data for station 392121081193401, Ohio River, at river mile 162.1 (June to October 1991)--continued.

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms 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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
September											
17	1320	0.5	118	677	7.2	27.7	--	6.6	85	--	--
17	1320	3.3	118	677	7.3	27.7	--	6.6	86	--	--
17	1321	6.6	118	675	7.2	27.6	--	6.5	84	--	--
17	1321	9.8	118	674	7.2	27.6	--	6.5	84	--	--
17	1321	13	118	675	7.2	27.6	--	6.5	84	--	--
17	1322	16	118	675	7.2	27.6	--	6.5	84	--	--
17	1322	20	118	674	7.2	27.6	--	6.5	84	--	--
17	1322	22	118	676	7.2	27.6	--	6.5	84	--	--
17	1320	.5	358	676	7.2	27.6	--	6.6	84	--	--
17	1320	3.3	358	676	7.2	27.6	--	6.5	84	--	--
17	1321	6.6	358	676	7.2	27.6	--	6.5	84	--	--
17	1321	9.8	358	676	7.2	27.6	--	6.6	84	--	--
17	1321	13	358	674	7.2	27.6	--	6.6	84	--	--
17	1322	16	358	676	7.2	27.6	--	6.6	84	--	--
17	1322	20	358	676	7.2	27.6	--	6.6	84	--	--
17	1322	22	358	677	7.2	27.6	--	6.5	84	--	--
17	1332	.5	594	676	7.3	27.6	--	6.5	84	--	--
17	1332	3.3	594	677	7.2	27.6	--	6.5	84	--	--
17	1333	6.6	594	676	7.2	27.6	--	6.5	84	--	--
17	1333	9.8	594	677	7.2	27.6	--	6.5	84	--	--
17	1333	13	594	677	7.2	27.6	--	6.5	84	--	--
17	1334	16	594	676	7.2	27.6	--	6.5	84	--	--
17	1334	17	594	677	7.2	27.6	--	6.5	83	--	--
17	1345	.5	830	677	7.3	27.6	--	6.7	86	--	--
17	1345	3.3	830	676	7.2	27.7	--	6.6	85	--	--
17	1346	6.6	830	677	7.2	27.7	--	6.6	85	--	--
17	1346	9.8	830	680	7.2	27.6	--	6.6	85	--	--
17	1346	13	830	675	7.2	27.6	--	6.6	84	--	--
17	1347	16	830	678	7.2	27.6	--	6.5	84	--	--
17	1347	17	830	676	7.2	27.6	--	6.5	84	--	--
October											
23	1520	.5	118	685	7.7	17.4	--	9.2	97	--	--
23	1520	3.3	118	685	7.7	17.3	--	9.2	97	--	--
23	1521	6.6	118	685	7.7	17.3	--	9.2	97	--	--
23	1521	9.8	118	686	7.6	17.3	--	9.2	96	--	--
23	1521	13	118	685	7.6	17.3	--	9.2	97	--	--

Table 3.--Water-quality data for station 392121081193401, Ohio River, at river mile 162.1 (June to October 1991)--continued.

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms 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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
October											
23	1522	16	118	685	7.6	17.3	--	9.1	96	--	--
23	1522	20	118	685	7.6	17.3	--	9.1	96	--	--
23	1522	21	118	681	7.6	17.3	--	9.1	96	--	--
23	1526	.5	358	686	7.7	17.4	--	9.3	98	--	--
23	1526	3.3	358	687	7.7	17.3	--	9.3	97	--	--
23	1527	6.6	358	684	7.7	17.3	--	9.2	97	--	--
23	1527	9.8	358	689	7.6	17.3	--	9.1	96	--	--
23	1527	13	358	686	7.6	17.3	--	9.1	96	--	--
23	1528	16	358	686	7.6	17.3	--	9.1	96	--	--
23	1528	20	358	686	7.6	17.3	--	9.0	95	--	--
23	1528	21	358	685	7.6	17.3	--	9.1	95	--	--
23	1536	.5	594	687	7.7	17.4	--	9.3	98	--	--
23	1536	3.3	594	686	7.7	17.3	--	9.3	98	--	--
23	1537	6.6	594	687	7.7	17.3	--	9.2	97	--	--
23	1537	9.8	594	686	7.6	17.3	--	9.1	96	--	--
23	1537	13	594	686	7.6	17.3	--	9.1	95	--	--
23	1538	14	594	686	7.6	17.3	--	9.0	95	--	--
23	1542	.5	830	684	7.7	17.3	--	9.2	97	--	--
23	1542	3.3	830	686	7.6	17.3	--	9.2	97	--	--
23	1543	6.6	830	687	7.7	17.3	--	9.2	97	--	--
23	1543	9.8	830	686	7.6	17.3	--	9.2	96	--	--
23	1543	13	830	686	7.6	17.3	--	9.2	96	--	--
23	1544	16	830	686	7.6	17.3	--	9.1	96	--	--
23	1544	20	830	685	7.6	17.3	--	9.1	96	--	--
23	1544	20	830	685	7.6	17.3	--	9.1	96	--	--
23	1548	.5	1,069	685	7.7	17.3	--	9.2	96	--	--
23	1548	3.3	1,069	685	7.6	17.2	--	9.1	96	--	--
23	1549	6.6	1,069	685	7.6	17.2	--	9.1	96	--	--
23	1549	9.8	1,069	685	7.6	17.2	--	9.1	96	--	--
23	1549	13	1,069	685	7.6	17.2	--	9.1	96	--	--
23	1550	16	1,069	685	7.6	17.3	--	9.1	96	--	--
23	1550	17	1,069	685	7.6	17.3	--	9.1	96	--	--

Table 4.--Water-quality data for station 392055081202001, Ohio River, at river mile 163.0 (June to October 1991).

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; µg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (µg/L)	Pheophytin (µg/L)
June											
19	1322	0.5	92	510	7.5	28.3	--	7.1	91	--	--
19	1322	3.3	92	510	7.4	27.6	--	6.6	83	--	--
19	1323	6.6	92	510	7.4	27.4	--	6.5	82	--	--
19	1323	9.8	92	510	7.4	27.4	--	6.4	81	--	--
19	1323	13	92	514	7.4	27.4	--	6.3	79	--	--
19	1324	15	92	522	7.3	27.4	--	6.2	78	--	--
19	1327	.5	262	507	7.5	28.5	--	7.1	91	--	--
19	1327	3.3	262	508	7.5	27.8	--	6.9	88	--	--
19	1328	6.6	262	509	7.4	27.5	--	6.5	82	--	--
19	1328	9.8	262	509	7.4	27.4	--	6.3	79	--	--
19	1329	13	262	513	7.3	27.4	--	6.1	77	--	--
19	1329	15	262	521	7.3	27.3	--	6.1	77	--	--
19	1334	.5	440	509	7.4	28.2	--	7.0	89	--	--
19	1334	3.3	440	510	7.4	27.8	--	6.8	86	--	--
19	1335	6.6	440	510	7.4	27.6	--	6.6	83	--	--
19	1335	9.8	440	510	7.4	27.4	--	6.4	81	--	--
19	1336	13	440	510	7.3	27.4	--	6.2	78	--	--
19	1336	15	440	510	7.3	27.4	--	6.2	78	--	--
19	1339	.5	614	510	7.4	28.3	--	6.9	88	--	--
19	1339	3.3	614	509	7.4	27.9	--	6.7	85	--	--
19	1340	6.6	614	510	7.4	27.8	--	6.6	84	--	--
19	1340	9.8	614	510	7.4	27.6	--	6.6	83	--	--
19	1341	13	614	511	7.4	27.5	--	6.5	82	--	--
19	1341	15	614	510	7.4	27.5	--	6.4	81	--	--
19	1345	.5	787	510	7.5	28.5	--	7.0	90	--	--
19	1345	3.3	787	511	7.5	27.9	--	6.9	88	--	--
19	1346	6.6	787	510	7.4	27.7	--	6.8	86	--	--
19	1346	9.8	787	511	7.4	27.5	--	6.5	82	--	--
19	1347	13	787	509	7.4	27.5	--	6.3	80	--	--
19	1347	16	787	510	7.4	27.4	--	6.3	79	--	--
19	1347	17	787	509	7.3	27.4	--	6.3	79	--	--
July											
18	2100	.5	92	590	7.6	29.0	--	7.8	103	--	--
18	2100	3.3	92	591	7.5	28.9	--	7.4	98	--	--
18	2101	6.6	92	590	7.4	28.9	--	7.3	97	--	--
18	2101	9.8	92	589	7.4	28.8	--	7.1	94	--	--
July											
18	2101	13	92	590	7.4	28.8	--	7.0	93	--	--
18	2102	15	92	589	7.3	28.8	--	6.9	91	--	--
18	2105	.5	262	591	7.7	29.1	--	7.9	105	--	--
18	2105	3.3	262	591	7.6	29.0	--	7.8	103	--	--
18	2106	6.6	262	591	7.6	29.0	--	7.6	101	--	--
18	2106	9.8	262	591	7.4	28.9	--	7.2	95	--	--
18	2106	13	262	590	7.4	28.8	--	7.0	93	--	--
18	2107	15	262	590	7.3	28.8	--	7.0	93	--	--
18	2110	.5	440	591	7.7	29.1	--	7.9	105	--	--
18	2110	3.3	440	590	7.6	29.0	--	7.8	103	--	--
18	2111	6.6	440	590	7.5	28.9	--	7.7	102	--	--
18	2111	9.8	440	590	7.4	28.9	--	7.2	95	--	--
18	2111	13	440	590	7.4	28.9	--	7.2	95	--	--
18	2112	16	440	589	7.4	28.9	--	7.1	94	--	--
18	2113	.5	614	591	7.6	28.9	--	7.5	99	--	--
18	2113	3.3	614	591	7.5	28.9	--	7.5	99	--	--

Table 4.--Water-quality data for station 392055081202001, Ohio River, at river mile 163.0 (June to October 1991)--continued.

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; µg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (µg/L)	Pheophytin (µg/L)
18	2114	6.6	614	591	7.5	28.9	--	7.4	98	--	--
18	2114	9.8	614	590	7.5	28.9	--	7.3	97	--	--
18	2114	13	614	590	7.4	28.8	--	7.2	95	--	--
18	2115	16	614	589	7.4	28.8	--	7.2	95	--	--
18	2118	.5	787	579	7.5	28.8	--	7.6	100	--	--
18	2118	3.3	787	591	7.5	28.9	--	7.4	98	--	--
18	2119	6.6	787	590	7.5	28.9	--	7.4	98	--	--
18	2119	9.8	787	591	7.5	28.9	--	7.4	98	--	--
18	2119	13	787	590	7.4	28.8	--	7.2	95	--	--
18	2120	16	787	589	7.4	28.8	--	7.2	95	--	--
18	2120	17	787	590	7.4	28.8	--	7.2	95	--	--
25	1434	.5	92	601	7.6	30.5	--	7.5	102	--	--
25	1434	3.3	92	600	7.5	29.7	--	7.2	96	--	--
25	1435	6.6	92	601	7.4	29.6	--	6.8	91	--	--
25	1435	9.8	92	602	7.3	29.5	--	6.7	89	--	--
25	1435	13	92	604	7.3	29.5	--	6.5	87	--	--
25	1436	16	92	608	7.3	29.5	--	6.5	87	--	--
July											
25	1442	.5	262	605	7.6	30.4	--	7.4	100	--	--
25	1442	3.3	262	604	7.5	29.8	--	7.3	98	--	--
25	1443	6.6	262	604	7.4	29.6	--	7.0	93	--	--
25	1443	9.8	262	603	7.4	29.6	--	6.7	89	--	--
25	1443	13	262	603	7.3	29.5	--	6.6	88	--	--
25	1444	16	262	603	7.3	29.5	--	6.5	87	--	--
25	1448	.5	440	605	7.6	30.2	--	7.4	100	--	--
25	1448	3.3	440	603	7.4	29.8	--	7.0	94	--	--
25	1449	6.6	440	603	7.4	29.6	--	6.8	91	--	--
25	1449	9.8	440	603	7.4	29.6	--	6.8	91	--	--
25	1449	13	440	603	7.3	29.6	--	6.6	88	--	--
25	1450	16	440	603	7.3	29.6	--	6.6	88	--	--
25	1453	.5	614	605	7.5	30.0	--	7.1	95	--	--
25	1453	3.3	614	603	7.4	29.7	--	6.9	92	--	--
25	1454	6.6	614	603	7.4	29.6	--	6.8	91	--	--
25	1454	9.8	614	603	7.4	29.6	--	6.7	89	--	--
25	1454	13	614	603	7.3	29.6	--	6.7	89	--	--
25	1455	16	614	603	7.3	29.6	--	6.6	88	--	--
25	1455	17	614	602	7.3	29.6	--	6.5	87	--	--
25	1457	0.5	787	605	7.5	30.0	--	7.2	97	--	--
25	1457	3.3	787	604	7.5	29.9	--	7.2	97	--	--
25	1458	6.6	787	604	7.4	29.7	--	7.0	94	--	--
25	1458	9.8	787	604	7.4	29.6	--	6.8	91	--	--
25	1458	13	787	603	7.4	29.6	--	6.6	88	--	--
25	1459	16	787	603	7.3	29.6	--	6.6	88	--	--
25	1459	18	787	603	7.3	29.6	--	6.5	87	--	--
August											
08	1356	.5	92	676	7.2	29.0	--	6.9	91	--	--
08	1356	3.3	92	676	7.2	28.2	--	6.8	88	--	--
08	1357	6.6	92	675	7.2	28.1	--	6.5	84	--	--
08	1357	9.8	92	674	7.1	28.1	--	6.3	82	--	--
08	1357	13	92	678	7.1	28.0	--	6.3	82	--	--
08	1358	16	92	683	7.0	27.9	--	6.0	78	--	--

Table 4.--Water-quality data for station 392055081202001, Ohio River, at river mile 163.0 (June to October 1991)--continued.

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; µg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (µg/L)	Pheophytin (µg/L)
August											
08	1401	0.5	262	678	7.3	29.8	--	7.0	93	--	--
08	1401	3.3	262	676	7.3	28.8	--	7.0	92	--	--
08	1402	6.6	262	676	7.2	28.1	--	6.5	84	--	--
08	1402	9.8	262	675	7.1	28.0	--	6.3	82	--	--
08	1402	13	262	673	7.1	28.0	--	6.1	79	--	--
08	1403	16	262	671	7.0	27.9	--	5.9	76	--	--
08	1403	17	262	671	7.0	27.9	--	5.9	76	--	--
08	1410	.5	440	677	7.3	29.6	2.0	7.1	94	10.1	3.5
08	1410	3.3	440	675	7.2	28.2	--	6.5	84	--	--
08	1411	6.6	440	679	7.2	28.1	--	6.4	83	--	--
08	1411	9.8	440	675	7.1	28.1	--	6.4	83	--	--
08	1411	13	440	674	7.1	28.1	--	6.3	82	--	--
08	1412	16	440	674	7.1	28.0	--	6.1	79	--	--
08	1412	17	440	676	7.1	28.0	--	6.1	79	--	--
08	1419	.5	614	676	7.3	29.3	--	7.1	94	--	--
08	1419	3.3	614	674	7.3	28.4	--	6.7	87	--	--
08	1420	6.6	614	674	7.2	28.1	--	6.4	83	--	--
08	1420	9.8	614	674	7.1	28.1	--	6.3	82	--	--
08	1420	13	614	674	7.1	28.1	--	6.3	82	--	--
08	1421	16	614	674	7.1	28.1	--	6.3	82	--	--
08	1422	.5	787	676	7.3	29.5	--	7.0	93	--	--
08	1422	3.3	787	674	7.3	28.7	--	6.9	90	--	--
08	1423	6.6	787	674	7.2	28.3	--	6.7	87	--	--
08	1423	9.8	787	674	7.2	28.2	--	6.5	84	--	--
08	1423	13	787	676	7.2	28.2	--	6.4	83	--	--
08	1424	16	787	673	7.1	28.1	--	6.3	82	--	--
08	1424	18	787	677	7.1	28.1	--	6.3	82	--	--
21	1300	.5	92	620	7.2	27.3	--	6.2	79	--	--
21	1300	3.3	92	620	7.2	27.0	--	6.1	78	--	--
21	1301	6.6	92	620	7.2	27.0	--	6.0	76	--	--
21	1301	9.8	92	620	7.2	26.9	--	6.0	76	--	--
21	1301	13	92	620	7.2	26.9	--	6.0	76	--	--
21	1302	16	92	622	7.2	26.9	--	6.0	76	--	--
21	1302	17	92	623	7.2	26.9	--	6.0	76	--	--
August											
21	1305	0.5	262	620	7.2	27.3	--	6.3	81	--	--
21	1305	3.3	262	619	7.2	27.1	--	6.2	79	--	--
21	1306	6.6	262	620	7.2	27.0	--	6.1	78	--	--
21	1306	9.8	262	619	7.1	27.0	--	6.0	76	--	--
21	1306	13	262	619	7.1	27.0	--	6.0	76	--	--
21	1307	16	262	620	7.1	27.0	--	6.0	76	--	--
21	1310	.5	440	619	7.2	27.3	3.5	6.3	81	.1	.2
21	1310	3.3	440	619	7.2	27.0	--	6.1	78	--	--
21	1311	6.6	440	619	7.2	27.0	--	6.1	78	<.1	.4
21	1311	9.8	440	619	7.2	27.0	--	6.1	78	--	--
21	1311	13	440	619	7.2	27.0	--	6.0	76	.1	.2
21	1312	16	440	619	7.2	27.0	--	6.0	76	--	--

Table 4.--Water-quality data for station 392055081202001, Ohio River, at river mile 163.0 (June to October 1991)--continued.

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
21	1319	.5	614	620	7.2	27.2	--	6.2	79	--	--
21	1319	3.3	614	618	7.2	27.1	--	6.1	78	--	--
21	1320	6.6	614	619	7.2	27.0	--	6.1	78	--	--
21	1320	9.8	614	618	7.2	27.0	--	6.0	76	--	--
21	1320	13	614	621	7.2	26.9	--	6.0	76	--	--
21	1321	16	614	617	7.2	26.9	--	6.0	76	--	--
21	1321	17	614	621	7.2	26.9	--	6.0	76	--	--
21	1326	.5	787	620	7.2	27.2	--	6.2	79	--	--
21	1326	3.3	787	620	7.2	27.2	--	6.2	79	--	--
21	1327	6.6	787	620	7.2	27.0	--	6.1	78	--	--
21	1327	9.8	787	620	7.2	27.0	--	6.1	78	--	--
21	1327	13	787	620	7.2	27.0	--	6.1	78	--	--
21	1328	16	787	620	7.2	27.0	--	6.0	76	--	--
September											
11	1311	.5	92	689	7.3	27.0	--	7.0	89	--	--
11	1311	3.3	92	689	7.2	26.8	--	7.0	89	--	--
11	1312	6.6	92	688	7.2	26.8	--	7.0	89	--	--
11	1312	9.8	92	687	7.2	26.8	--	7.0	89	--	--
11	1312	13	92	687	7.2	26.8	--	7.0	89	--	--
11	1313	15	92	689	7.2	26.8	--	7.0	89	--	--
11	1316	.5	262	684	7.2	26.8	--	7.1	90	--	--
11	1316	3.3	262	687	7.2	26.8	--	7.1	90	--	--
11	1317	6.6	262	684	7.2	26.8	--	7.1	90	--	--

Table 4.--Water-quality data for station 392055081202001, Ohio River, at river mile 163.0 (June to October 1991)--continued.

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
September											
11	1317	9.8	262	683	7.2	26.7	--	7.0	89	--	--
11	1317	13	262	686	7.2	26.7	--	7.0	89	--	--
11	1318	16	262	680	7.2	26.7	--	7.0	89	--	--
11	1318	17	262	687	7.2	26.7	--	6.9	87	--	--
11	1321	.5	440	686	7.3	26.7	4.5	7.1	90	--	--
11	1321	3.3	440	686	7.2	26.8	--	7.1	90	--	--
11	1322	6.6	440	684	7.2	26.8	--	7.1	90	<.1	.6
11	1322	9.8	440	685	7.2	26.8	--	7.0	89	--	--
11	1322	13	440	685	7.2	26.7	--	7.0	89	<.1	.5
11	1323	14	440	685	7.2	26.8	--	7.0	89	--	--
11	1331	.5	614	685	7.2	26.8	--	7.1	90	--	--
11	1331	3.3	614	684	7.2	26.8	--	7.1	90	--	--
11	1332	6.6	614	683	7.2	26.8	--	7.1	90	--	--
11	1332	9.8	614	685	7.2	26.8	--	7.0	89	--	--
11	1332	13	614	688	7.2	26.8	--	7.0	89	--	--
11	1333	16	614	688	7.2	26.8	--	7.0	89	--	--
11	1335	.5	787	686	7.3	26.8	--	7.1	90	--	--
11	1335	3.3	787	685	7.2	26.9	--	7.1	90	--	--
11	1336	6.6	787	685	7.2	26.8	--	7.1	90	--	--
11	1336	9.8	787	685	7.2	26.8	--	7.0	89	--	--
11	1336	13	787	685	7.2	26.8	--	7.0	89	--	--
11	1337	16	787	686	7.2	26.8	--	7.0	89	--	--
11	1337	17	787	686	7.2	26.8	--	6.9	88	--	--
17	1524	.5	92	678	7.2	28.0	--	6.8	88	<.1	.1
17	1524	3.3	92	678	7.2	28.1	--	6.6	86	--	--
17	1525	6.6	92	677	7.2	28.0	--	6.5	85	<.1	.1
17	1525	9.8	92	676	7.1	27.7	--	6.5	84	--	--
17	1525	13	92	676	7.1	27.6	--	6.4	83	<.1	.1
17	1526	15	92	676	7.1	27.6	--	6.0	77	--	--
17	1518	.5	262	676	7.2	27.8	--	6.9	89	--	--
17	1518	3.3	262	676	7.2	27.8	--	6.9	89	--	--
17	1519	6.6	262	677	7.2	27.8	--	6.6	86	--	--
17	1519	9.8	262	676	7.2	27.7	--	6.3	81	--	--
17	1519	13	262	676	7.2	27.7	--	6.3	81	--	--
17	1520	16	262	676	7.1	27.7	--	6.2	80	--	--

Table 4.--Water-quality data for station 392055081202001, Ohio River, at river mile 163.0 (June to October 1991)--continued.

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
September											
17	1508	0.5	440	676	7.2	27.9	--	6.7	87	--	--
17	1508	3.3	440	676	7.2	27.8	--	6.7	87	--	--
17	1509	6.6	440	676	7.2	27.8	--	6.6	86	--	--
17	1509	9.8	440	676	7.1	27.7	--	6.3	81	--	--
17	1509	13	440	676	7.1	27.7	--	6.2	80	--	--
17	1510	16	440	676	7.1	27.7	--	6.2	80	--	--
17	1500	.5	614	676	7.2	28.0	--	6.6	86	--	--
17	1500	3.3	614	676	7.2	28.0	--	6.5	85	--	--
17	1501	6.6	614	675	7.2	27.9	--	6.4	83	--	--
17	1501	9.8	614	676	7.1	27.8	--	6.1	79	--	--
17	1501	13	614	673	7.1	27.6	--	6.0	77	--	--
17	1502	16	614	674	7.1	27.6	--	5.9	76	--	--
17	1455	.5	787	676	7.5	28.0	--	6.6	86	--	--
17	1455	3.3	787	676	7.4	28.0	--	6.5	85	--	--
17	1456	6.6	787	676	7.2	27.9	--	6.3	82	--	--
17	1456	9.8	787	676	7.2	27.7	--	6.1	79	--	--
17	1456	13	787	676	7.1	27.6	--	6.0	77	--	--
17	1457	16	787	675	7.1	27.6	--	5.9	76	--	--
17	1457	19	787	675	7.1	27.6	--	5.9	76	--	--
October											
23	1506	.5	92	689	7.6	17.8	--	9.2	98	--	--
23	1506	3.3	92	688	7.6	17.7	--	9.2	97	--	--
23	1507	6.6	92	688	7.6	17.4	--	9.2	96	--	--
23	1507	9.8	92	687	7.5	17.4	--	8.9	94	--	--
23	1507	13	92	687	7.5	17.4	--	8.9	93	--	--
23	1508	16	92	688	7.5	17.3	--	8.8	93	--	--
23	1502	.5	262	688	7.7	17.8	--	9.2	98	--	--
23	1502	3.3	262	687	7.7	17.7	--	9.3	99	--	--
23	1503	6.6	262	686	7.6	17.4	--	9.1	96	--	--
23	1503	9.8	262	686	7.6	17.4	--	9.1	95	--	--
23	1503	13	262	686	7.5	17.4	--	9.0	94	--	--
23	1504	16	262	686	7.5	17.3	--	8.8	93	--	--
23	1454	.5	440	686	7.7	17.6	5.5	9.3	98	.5	.6
23	1454	3.3	440	686	7.6	17.5	--	9.1	96	--	--
23	1455	6.6	440	686	7.6	17.4	--	9.1	96	.5	.6

Table 4.--Water-quality data for station 392055081202001, Ohio River, at river mile 163.0 (June to October 1991)--continued.

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
October											
23	1455	9.8	440	686	7.6	17.4	--	9.2	97	--	--
23	1455	13	440	686	7.6	17.4	--	9.1	95	.3	.8
23	1456	16	440	684	7.5	17.4	--	9.0	94	--	--
23	1511	.5	613	686	7.7	17.5	--	9.3	98	--	--
23	1511	3.3	613	686	7.7	17.5	--	9.3	98	--	--
23	1512	6.6	613	686	7.7	17.4	--	9.2	97	--	--
23	1512	9.8	613	686	7.6	17.4	--	9.2	97	--	--
23	1512	13	613	686	7.6	17.4	--	9.2	97	--	--
23	1513	16	613	688	7.6	17.4	--	9.2	97	--	--
23	1513	17	613	687	7.6	17.4	--	9.1	96	--	--
23	1515	.5	787	686	7.7	17.5	--	9.3	99	--	--
23	1515	3.3	787	687	7.7	17.5	--	9.3	98	--	--
23	1516	6.6	787	685	7.7	17.5	--	9.3	98	--	--
23	1516	9.8	787	687	7.6	17.4	--	9.2	97	--	--
23	1516	13	787	688	7.6	17.4	--	9.2	97	--	--
23	1517	16	787	686	7.6	17.4	--	9.1	96	--	--
23	1517	20	787	688	7.6	17.4	--	9.0	95	--	--

Table 5.--Water-quality data for station 392025081220701, Ohio River, at river mile 164.7 (June to October 1991).

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
June											
19	1922	3.3	787	520	7.4	27.5	--	7.3	94	--	--
July											
18	2128	3.3	787	588	7.4	28.9	--	7.5	99	--	--
18	2128	6.6	787	588	7.4	28.9	--	7.2	95	--	--
18	2129	12	787	588	7.4	28.9	--	7.3	96	--	--
25	1535	3.3	787	603	7.4	29.6	--	6.6	88	--	--
25	1535	6.6	787	602	7.4	29.5	--	6.5	87	--	--
25	1536	13	787	602	7.3	29.4	--	6.4	85	--	--
August											
08	1436	3.3	787	670	7.2	28.2	6.0	6.4	83	8.9	3.7
08	1436	6.6	787	669	7.1	28.0	--	5.9	76	--	--
08	1437	9.8	787	669	7.1	28.1	--	6.0	78	--	--
21	1348	3.3	787	624	7.2	26.9	4.5	6.0	76	<.1	.3
21	1348	6.6	787	624	7.2	26.8	--	5.9	75	--	--
21	1349	13.1	787	624	7.2	26.8	--	5.9	75	--	--
September											
11	1412	3.3	787	687	7.2	27.0	5.0	7.0	89	--	--
11	1412	6.6	787	687	7.2	27.0	--	7.0	89	--	--
11	1413	13	787	687	6.9	27.0	--	7.1	90	--	--
17	1632	3.3	787	679	7.2	27.9	7.0	6.5	84	--	--
17	1632	6.6	787	678	7.2	27.6	--	6.0	77	--	--
17	1633	13	787	681	7.1	27.4	--	5.9	76	--	--
October											
23	1619	3.3	787	688	7.6	17.6	--	8.9	95	--	--
23	1619	6.6	787	688	7.5	17.5	--	8.8	94	--	--
23	1620	13	787	688	7.5	17.5	--	8.8	93	--	--

Table 6.--Water-quality data for station 392110081234201, Ohio River, at river mile 166.5 (June to October 1991).

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
June											
19	1913	3.3	756	519	7.5	28.4	--	7.5	98	--	--
July											
18	2136	3.3	756	590	7.5	29.3	--	8.0	106	--	--
18	2136	9.8	756	587	7.4	29.0	--	7.6	101	--	--
18	2137	20	756	587	7.3	28.8	--	7.2	95	--	--
25	1543	3.3	756	602	7.4	29.8	--	6.9	92	--	--
25	1543	9.8	756	600	7.3	29.2	--	6.3	83	--	--
25	1544	16	756	599	7.2	29.1	--	6.1	81	--	--
August											
08	1447	3.3	756	667	7.1	28.5	8.5	6.4	83	17.7	4.1
08	1447	6.6	756	666	7.0	28.1	--	5.8	75	--	--
08	1448	13	756	666	7.0	28.1	--	5.8	75	--	--
21	1356	3.3	756	626	7.2	26.6	3.5	5.9	75	<.1	.2
21	1356	9.8	756	625	7.2	26.5	--	5.9	74	--	--
21	1357	16.4	756	624	7.1	26.4	--	5.9	74	--	--
September											
11	1420	3.3	756	691	7.1	27.0	7.5	6.9	88	<.1	.1
11	1420	9.8	756	690	7.1	27.0	--	6.9	88	--	--
11	1421	16	756	692	7.1	27.0	--	6.8	87	--	--
17	1641	3.3	756	686	7.1	27.8	7.0	6.2	80	.1	.2
17	1641	9.8	756	684	7.1	27.4	--	5.9	76	--	--
17	1642	20	756	684	7.1	27.4	--	5.8	74	--	--
October											
23	1628	3.3	756	691	7.5	17.6	--	8.6	91	--	--
23	1628	9.8	756	691	7.4	17.2	--	8.3	87	--	--
23	1629	18	756	692	7.4	17.1	--	8.3	87	--	--

Table 7.--Water-quality data for station 392154081240501, Ohio River, at river mile 167.6 (June to October 1991).

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
June											
19	1906	3.3	677	517	7.5	28.5	--	7.9	103	--	--
July											
18	2200	3.3	677	590	7.5	29.3	--	8.0	106	--	--
18	2200	8.2	677	587	7.4	29.0	--	7.5	99	--	--
18	2201	13	677	586	7.2	28.8	--	7.2	95	--	--
25	1549	3.3	677	599	7.4	29.8	--	6.7	90	--	--
25	1549	8.2	677	599	7.3	29.6	--	6.6	88	--	--
25	1550	13	677	599	7.3	29.3	--	6.3	84	--	--
August											
08	1455	3.3	677	666	7.1	28.9	9.5	6.4	84	13.3	3.2
08	1455	8.2	677	664	7.0	28.4	--	5.9	77	--	--
08	1456	16	677	666	7.0	28.3	--	5.8	75	--	--
20	1833	3.3	677	624	7.2	27.0	--	6.3	80	--	--
20	1833	9.8	677	624	7.2	27.0	--	6.3	80	--	--
20	1834	20	677	634	7.2	27.0	--	6.3	80	--	--
September											
11	1428	3.3	677	689	7.1	27.1	7.0	6.9	88	--	--
11	1428	9.8	677	688	7.1	27.0	--	6.9	88	--	--
11	1429	20	677	689	7.1	27.0	--	6.8	87	--	--
17	1650	3.3	677	688	7.2	28.0	7.0	6.4	83	--	--
17	1650	6.6	677	688	7.1	27.8	--	6.2	80	--	--
17	1651	13	677	689	7.1	27.6	--	6.0	77	--	--
October											
23	1633	3.3	677	694	7.5	17.3	--	8.4	89	--	--
23	1633	8.2	677	693	7.4	17.2	--	8.4	88	--	--
23	1634	15	677	694	7.4	17.2	--	8.4	88	--	--

Table 8.--Water-quality data for station 392318081243001, Ohio River, at river mile 169.1 (June to October 1991).

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
June											
19	1857	3.3	425	514	7.5	28.1	--	7.3	95	--	--
July											
18	2148	3.3	425	588	7.5	29.2	--	7.8	104	--	--
18	2148	9.8	425	586	7.3	28.8	--	7.3	96	--	--
18	2149	16	425	585	7.2	28.7	--	7.2	95	--	--
25	1556	3.3	425	598	7.4	30.0	--	6.9	93	--	--
25	1556	6.6	425	598	7.4	29.6	--	6.6	88	--	--
25	1557	16	425	594	7.3	29.3	--	6.3	84	--	--
August											
07	1945	3.3	425	639	7.3	28.8	9.5	6.6	88	15.6	3.8
07	1945	8.2	425	639	7.2	28.4	--	6.2	80	--	--
07	1946	13	425	639	7.1	28.2	--	6.1	79	--	--
20	1840	3.3	425	628	7.2	27.1	--	6.3	80	--	--
20	1840	8.2	425	629	7.2	27.1	--	6.3	80	--	--
20	1841	16	425	628	7.2	27.1	--	6.3	80	--	--
September											
11	1435	3.3	425	687	7.1	27.1	6.5	6.8	87	<.1	.4
11	1435	6.6	425	687	7.1	27.0	--	6.8	87	--	--
11	1436	16	425	686	7.1	26.9	--	6.8	86	--	--
17	1657	3.3	425	693	7.2	28.1	9.0	6.7	87	.2	.2
17	1657	8.2	425	694	7.2	27.9	--	6.5	84	--	--
17	1658	16	425	694	7.1	27.4	--	6.0	77	--	--
October											
23	1639	3.3	425	693	7.4	17.5	--	8.3	88	--	--
23	1639	8.2	425	692	7.4	17.4	--	8.3	88	--	--
23	1640	16	425	695	7.4	17.4	--	8.3	87	--	--

Table 9.--Water-quality data for station 392429081270001, Ohio River, at river mile 171.9 (June to October 1991).

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; µg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (µg/L)	Pheophytin (µg/L)
June											
19	1847	3.3	512	511	7.4	27.7	--	7.0	90	--	--
July											
18	2211	3.3	512	583	7.3	28.9	--	7.8	103	--	--
18	2211	8.2	512	584	7.2	28.9	--	7.7	102	--	--
18	2212	13	512	584	7.2	28.9	--	7.6	100	--	--
25	1607	3.3	512	595	7.4	29.9	--	6.8	91	--	--
25	1607	6.6	512	594	7.3	29.7	--	6.6	88	--	--
25	1608	13	512	593	7.2	29.3	--	6.2	82	--	--
August											
07	1930	3.3	512	641	7.2	28.3	--	6.6	86	--	--
07	1930	6.6	512	641	7.1	28.3	--	6.5	84	--	--
07	1931	13	512	640	7.1	28.1	--	6.0	78	--	--
20	1706	3.3	512	622	7.2	27.0	--	6.2	79	--	--
20	1706	6.6	512	623	7.2	27.0	--	6.2	79	--	--
20	1707	13	512	621	7.2	27.0	--	6.2	79	--	--
September											
11	1445	3.3	512	672	7.0	26.9	4.5	6.4	81	--	--
11	1445	6.6	512	674	7.0	26.9	--	6.4	81	--	--
11	1446	13	512	674	7.0	26.8	--	6.4	81	--	--
17	1709	3.3	512	697	7.2	27.8	6.0	6.3	81	--	--
17	1709	6.6	512	696	7.1	27.5	--	5.8	75	--	--
17	1710	13	512	698	7.1	27.3	--	5.7	73	--	--
October											
23	1649	3.3	512	696	7.5	17.3	--	8.1	85	--	--
23	1649	6.6	512	695	7.4	17.2	--	8.0	84	--	--
23	1650	13	512	696	7.3	17.0	--	7.9	83	--	--
22	1712	3.3	512	695	7.4	17.6	--	7.7	80	--	--
22	1712	6.6	512	693	7.4	16.7	--	7.7	80	--	--
22	1713	13	512	692	7.3	16.6	--	7.6	79	--	--

Table 10.--Water-quality data for station 392232081295601, Ohio River, at river mile 175.5 (June to October 1991).

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
June											
19	1818	3.3	472	537	7.8	28.3	--	8.0	104	--	--
July											
18	2233	3.3	472	609	7.3	29.0	--	7.8	103	--	--
18	2233	9.8	472	608	7.3	28.9	--	7.6	100	--	--
18	2234	16	472	608	7.2	28.8	--	7.4	98	--	--
25	1630	3.3	472	616	7.4	29.6	--	6.4	86	--	--
25	1630	9.8	472	615	7.3	29.3	--	5.8	77	--	--
25	1631	20	472	613	7.3	29.3	--	5.6	74	--	--
August											
07	1855	3.3	472	668	7.4	28.6	--	7.6	99	--	--
07	1855	9.8	472	668	7.2	27.7	--	5.9	76	--	--
07	1856	16	472	667	7.2	27.6	--	5.7	73	--	--
20	1654	3.3	472	631	7.3	27.0	4.5	6.2	78	<.1	.3
20	1654	9.8	472	631	7.2	27.0	--	6.1	78	--	--
20	1655	16	472	631	7.2	27.0	--	6.0	76	--	--
September											
11	1508	3.3	472	670	7.1	26.9	5.5	6.2	79	6.7	<.1
11	1508	9.8	472	668	7.1	26.7	--	6.2	79	--	--
11	1509	15	472	668	7.1	26.7	--	6.1	77	--	--
17	1731	3.3	472	719	7.5	27.9	5.0	7.1	92	.3	.8
17	1731	9.8	472	717	7.3	27.5	--	6.0	77	--	--
17	1732	20	472	718	7.2	27.5	--	5.7	73	--	--
October											
22	1700	3.3	472	708	7.5	16.7	--	8.1	85	--	--
22	1700	9.8	472	711	7.5	16.3	--	7.9	81	--	--
22	1701	19	472	709	7.5	16.2	--	7.8	80	--	--

Table 11.--Water-quality data for station 392139081312801, Ohio River, at river mile 177.2 (June to October 1991).

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
June											
19	1810	3.3	472	541	7.9	28.6	--	8.3	109	--	--
July											
18	2240	3.3	472	610	7.3	29.6	--	7.9	106	--	--
18	2240	8.2	472	610	7.3	29.6	--	7.8	104	--	--
18	2241	16	472	610	7.2	29.0	--	7.1	94	--	--
25	1640	3.3	472	624	7.3	30.4	--	5.9	80	--	--
25	1640	9.8	472	617	7.3	29.5	--	5.8	77	--	--
25	1641	16	472	620	7.2	29.3	--	5.4	72	--	--
August											
07	1845	3.3	472	666	7.2	29.7	--	6.6	88	--	--
07	1845	9.8	472	663	7.2	27.9	--	6.1	79	--	--
07	1846	16	472	662	7.1	27.5	--	5.7	73	--	--
20	1645	3.3	472	627	7.2	27.3	--	6.1	78	--	--
20	1645	9.8	472	626	7.2	27.1	--	6.1	78	--	--
20	1646	16	472	627	7.2	27.1	--	6.1	78	--	--
September											
11	1527	3.3	472	660	7.1	27.5	5.0	6.0	77	--	--
11	1527	8.2	472	662	7.1	27.1	--	5.9	75	--	--
11	1528	16	472	663	7.1	27.0	--	5.9	75	--	--
17	1800	3.3	472	703	7.3	31.0	5.0	6.6	90	--	--
17	1800	9.8	472	703	7.2	27.4	--	5.9	76	--	--
17	1801	18	472	708	7.2	27.4	--	5.8	74	--	--
October											
22	1651	3.3	472	717	7.5	18.5	--	8.0	86	--	--
22	1651	8.2	472	710	7.4	16.3	--	7.8	80	--	--
22	1652	18	472	713	7.4	16.1	--	7.7	79	--	--

Table 12.--Water-quality data for station 392042081330101, Ohio River, at river mile 179.0 (June to October 1991).

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
June											
19	1802	3.3	787	529	7.9	29.2	--	8.4	111	--	--
July											
18	2247	3.3	787	614	7.6	30.2	--	8.6	116	--	--
18	2247	9.8	787	614	7.3	29.3	--	7.7	102	--	--
18	2248	16	787	613	7.2	28.7	--	6.8	90	--	--
25	1648	3.3	787	612	7.4	30.4	--	6.8	92	--	--
25	1648	11	787	608	7.3	29.8	--	6.2	83	--	--
25	1649	20	787	607	7.2	29.3	--	5.5	73	--	--
August											
07	1835	3.3	787	669	7.2	28.4	--	6.5	84	--	--
07	1835	9.8	787	670	7.2	28.2	--	6.1	79	--	--
07	1836	23	787	673	7.1	27.9	--	5.4	70	--	--
20	1637	3.3	787	626	7.3	27.8	5.0	6.7	87	.1	.3
20	1637	11	787	625	7.2	27.1	--	6.0	77	--	--
20	1638	23	787	625	7.2	27.1	--	5.9	75	--	--
September											
11	1535	3.3	787	673	7.2	27.8	5.0	6.1	79	.1	.2
11	1535	8.2	787	676	7.1	27.3	--	6.0	77	--	--
11	1536	16	787	677	7.1	27.2	--	5.9	75	--	--
17	1813	3.3	787	703	7.3	28.2	5.0	6.5	85	.2	.6
17	1813	8.2	787	701	7.2	28.2	--	6.4	83	--	--
17	1814	18	787	699	7.1	27.3	--	5.4	69	--	--
October											
22	1643	3.3	787	722	7.5	17.2	--	8.0	84	--	--
22	1643	11	787	722	7.4	16.6	--	7.8	81	--	--
22	1644	23	787	720	7.4	16.4	--	7.6	79	--	--

Table 13.--Water-quality data for station 391822081334701, Ohio River, at river mile 181.8 (June to October 1991).

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
June											
19	1752	3.3	512	524	7.8	28.9	--	8.1	107	--	--
July											
18	2301	3.3	512	633	7.4	29.5	--	8.0	107	--	--
18	2301	11	512	639	7.3	29.2	--	7.3	97	--	--
18	2302	20	512	640	7.2	29.0	--	7.1	94	--	--
25	1658	3.3	512	611	7.3	29.9	--	6.2	83	--	--
25	1658	11	512	609	7.2	29.5	--	5.6	75	--	--
25	1659	20	512	609	7.2	29.4	--	5.4	72	--	--
August											
07	1745	3.3	512	666	7.2	28.1	--	6.0	78	--	--
07	1745	9.8	512	664	7.1	28.1	--	5.1	66	--	--
07	1746	20	512	664	7.1	28.1	--	5.4	70	--	--
20	1623	3.3	512	631	7.2	27.5	--	6.2	80	--	--
20	1623	11	512	628	7.2	27.2	--	6.0	77	--	--
20	1624	23	512	627	7.1	27.2	--	5.9	76	--	--
September											
11	1545	3.3	512	669	7.1	27.6	5.5	6.0	77	--	--
11	1545	11	512	669	7.1	27.3	--	5.9	76	--	--
11	1546	21	512	667	7.1	27.1	--	5.8	74	--	--
17	1825	3.3	512	704	7.4	28.0	5.0	7.6	99	--	--
17	1825	8.2	512	704	7.3	27.8	--	6.8	88	--	--
17	1826	20	512	705	7.1	27.4	--	5.6	72	--	--
October											
22	1626	3.3	512	715	7.5	16.8	--	8.0	83	--	--
22	1626	9.8	512	714	7.4	16.3	--	7.8	80	--	--
22	1627	20	512	715	7.4	16.2	--	7.7	80	--	--

Table 14.--Water-quality data for station 391720081334701, Ohio River, at river mile 183.0 (June to October 1991).

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
June											
19	1710	0.5	138	513	7.9	28.9	--	7.8	103	--	--
19	1710	3.3	138	515	7.7	28.0	--	7.3	95	--	--
19	1711	6.6	138	515	7.5	27.5	--	6.5	83	--	--
19	1711	9.8	138	516	7.4	27.4	--	6.0	77	--	--
19	1712	13	138	515	7.4	27.3	--	6.0	77	--	--
19	1712	15	138	515	7.4	27.3	--	6.0	77	--	--
19	1715	.5	413	515	8.0	29.1	--	8.1	107	--	--
19	1715	3.3	413	516	7.8	28.5	--	7.9	103	--	--
19	1716	6.6	413	516	7.5	27.7	--	6.7	86	--	--
19	1716	9.8	413	516	7.4	27.4	--	6.0	77	--	--
19	1717	13	413	516	7.4	27.3	--	6.0	77	--	--
19	1717	16	413	515	7.3	27.2	--	5.9	75	--	--
19	1717	20	413	514	7.3	27.2	--	5.9	75	--	--
19	1718	23	413	514	7.3	27.1	--	5.7	73	--	--
19	1718	23	413	514	7.3	27.1	--	5.7	73	--	--
19	1722	.5	689	514	8.0	29.1	--	7.8	103	--	--
19	1722	3.3	689	516	7.7	28.3	--	7.3	95	--	--
19	1723	6.6	689	516	7.5	27.9	--	6.6	85	--	--
19	1723	9.8	689	516	7.4	27.6	--	6.3	81	--	--
19	1724	13	689	515	7.4	27.6	--	6.1	78	--	--
19	1724	16	689	515	7.3	27.4	--	5.8	74	--	--
19	1724	20	689	515	7.3	27.3	--	5.7	73	--	--
19	1725	23	689	512	7.3	27.2	--	5.6	72	--	--
19	1725	24	689	513	7.3	27.1	--	5.8	74	--	--
19	1739	.5	961	513	7.9	28.9	--	7.9	104	--	--
19	1739	3.3	961	520	7.9	29.0	--	7.9	104	--	--
19	1740	6.6	961	518	7.7	28.4	--	7.3	95	--	--
19	1740	9.8	961	518	7.4	27.7	--	6.8	88	--	--
19	1740	13	961	517	7.4	27.7	--	6.5	84	--	--
19	1741	15	961	517	7.4	27.7	--	6.3	81	--	--
19	1744	.5	1,237	517	7.8	29.1	--	7.5	99	--	--
19	1744	2.6	1,237	519	7.6	28.3	--	7.3	95	--	--
July											
18	1200	.5	138	656	7.4	29.5	--	7.6	102	--	--
18	1200	3.3	138	656	7.4	29.4	--	7.5	100	--	--
18	1201	6.6	138	656	7.4	29.3	--	7.5	100	--	--

Table 14.--Water-quality data for station 391720081334701, Ohio River, at river mile 183.0 (June to October 1991)--continued.

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; µg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (µg/L)	Pheophytin (µg/L)
July											
18	1201	9.8	138	659	7.4	28.3	--	7.5	98	--	--
18	1201	13	138	661	7.4	29.3	--	7.5	100	--	--
18	1202	16	138	663	7.4	29.2	--	7.2	96	--	--
18	1202	19	138	665	7.3	29.2	--	7.0	93	--	--
18	1153	.5	413	657	7.5	29.2	--	7.4	99	--	--
18	1153	3.3	413	655	7.4	29.3	--	7.2	96	--	--
18	1154	6.6	413	653	7.4	29.3	--	7.2	96	--	--
18	1154	9.8	413	656	7.4	29.2	--	7.2	96	--	--
18	1154	13	413	655	7.4	29.3	--	7.2	96	--	--
18	1155	16	413	654	7.4	29.2	--	7.2	96	--	--
18	1155	20	413	656	7.4	29.2	--	7.1	95	--	--
18	1155	23	413	660	7.3	29.2	--	7.0	93	--	--
18	1156	26	413	658	7.3	29.2	--	7.0	93	--	--
18	1139	.5	689	655	7.4	29.6	--	7.2	97	--	--
18	1139	3.3	689	657	7.4	29.2	--	7.2	96	--	--
18	1140	6.6	689	658	7.4	29.2	--	7.2	96	--	--
18	1140	9.8	689	657	7.4	29.2	--	7.2	96	--	--
18	1140	13	689	658	7.4	29.2	--	7.1	95	--	--
18	1141	16	689	658	7.4	29.2	--	7.1	95	--	--
18	1141	20	689	658	7.4	29.1	--	7.1	94	--	--
18	1141	23	689	659	7.6	29.1	--	7.1	94	--	--
18	1142	26	689	660	7.3	29.1	--	6.8	90	--	--
18	1142	29	689	662	7.3	29.1	--	6.7	89	--	--
18	1210	.5	961	663	7.3	29.4	--	7.1	95	--	--
18	1210	3.3	961	658	7.3	29.3	--	7.1	95	--	--
18	1211	6.6	961	656	7.3	29.8	--	7.0	94	--	--
18	1211	9.8	961	658	7.3	29.3	--	7.1	95	--	--
18	1211	13	961	658	7.3	29.3	--	7.0	93	--	--
18	1212	16	961	662	7.3	29.3	--	6.8	91	--	--
18	1212	20	961	660	7.3	29.3	--	6.8	91	--	--
18	1212	23	961	660	7.3	29.3	--	6.6	88	--	--
18	1213	23	961	661	7.3	29.3	--	6.6	88	--	--
18	1219	.5	1,237	663	7.3	29.7	--	7.2	97	--	--
18	1219	3.3	1,237	663	7.3	29.4	--	6.9	92	--	--
18	1220	6.6	1,237	662	7.3	29.3	--	6.8	91	--	--

Table 14.--Water-quality data for station 391720081334701, Ohio River, at river mile 183.0 (June to October 1991)--continued.

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; µg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (µg/L)	Pheophytin (µg/L)
July											
18	1220	9.8	1,237	663	7.3	29.3	--	6.6	88	--	--
18	1220	13	1,237	663	7.2	29.3	--	6.6	88	--	--
18	1221	15	1,237	663	7.2	29.3	--	6.5	87	--	--
25	1711	.5	138	607	7.4	30.3	--	6.8	92	--	--
25	1711	3.3	138	607	7.4	30.3	--	6.8	92	--	--
25	1712	6.6	138	607	7.3	29.9	--	6.2	83	--	--
25	1712	9.8	138	604	7.2	29.6	--	5.9	79	--	--
25	1712	13	138	604	7.2	29.5	--	5.6	75	--	--
25	1713	16	138	604	7.2	29.4	--	5.4	72	--	--
25	1713	17	138	604	7.2	29.4	--	5.3	71	--	--
25	1720	.5	413	607	7.4	30.2	--	6.7	90	--	--
25	1720	3.3	413	607	7.3	30.2	--	6.6	89	--	--
25	1721	6.6	413	607	7.3	30.0	--	6.3	85	--	--
25	1721	9.8	413	607	7.2	29.6	--	5.7	76	--	--
25	1721	13	413	607	7.2	29.5	--	5.5	73	--	--
25	1722	16	413	605	7.2	29.4	--	5.5	73	--	--
25	1722	20	413	608	7.2	29.4	--	5.6	75	--	--
25	1722	23	413	603	7.2	29.4	--	5.5	73	--	--
25	1723	24	413	606	7.2	29.4	--	5.4	72	--	--
25	1731	.5	689	607	7.3	30.0	--	6.5	87	--	--
25	1731	3.3	689	608	7.3	30.0	--	6.5	87	--	--
25	1732	6.6	689	607	7.3	29.8	--	6.0	80	--	--
25	1732	9.8	689	606	7.2	29.7	--	5.9	79	--	--
25	1732	13	689	607	7.2	29.5	--	5.4	72	--	--
25	1733	16	689	606	7.2	29.5	--	5.4	72	--	--
25	1733	20	689	603	7.2	29.4	--	5.4	72	--	--
25	1733	23	689	602	7.1	29.4	--	5.3	71	--	--
25	1734	26	689	601	7.1	29.3	--	5.3	70	--	--
25	1734	27	689	601	7.1	29.3	--	5.2	69	--	--
25	1741	.5	961	607	7.3	30.0	--	6.6	89	--	--
25	1741	3.3	961	608	7.3	30.0	--	6.5	87	--	--
25	1742	6.6	961	607	7.3	30.0	--	6.4	86	--	--
25	1742	9.8	961	606	7.2	29.7	--	5.8	78	--	--
25	1742	13	961	605	7.2	29.5	--	5.5	73	--	--
25	1743	16	961	606	7.2	29.5	--	5.4	72	--	--

Table 14.--Water-quality data for station 391720081334701, Ohio River, at river mile 183.0 (June to October 1991)--continued.

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
July											
25	1743	20	961	606	7.2	29.5	--	5.4	72	--	--
25	1743	23	961	605	7.1	29.5	--	5.3	71	--	--
25	1744	24	961	606	7.1	29.4	--	5.3	71	--	--
25	1748	.5	1,237	607	7.3	30.1	--	6.8	92	--	--
25	1748	3.3	1,237	607	7.3	30.0	--	6.3	85	--	--
25	1749	6.6	1,237	608	7.2	29.8	--	6.0	80	--	--
25	1749	9.8	1,237	606	7.2	29.7	--	5.9	79	--	--
25	1749	13	1,237	606	7.2	29.6	--	5.6	75	--	--
25	1750	16	1,237	606	7.2	29.5	--	5.4	72	--	--
August											
08	1614	.5	138	694	7.7	29.6	--	9.1	122	--	--
08	1614	3.3	138	693	7.5	28.9	--	8.6	114	--	--
08	1615	6.6	138	693	7.3	28.1	--	7.7	100	--	--
08	1615	9.8	138	693	7.2	27.9	--	6.9	89	--	--
08	1615	13	138	693	7.1	27.8	--	6.4	83	--	--
08	1616	16	138	692	7.1	27.8	--	6.4	83	--	--
08	1616	20	138	692	7.1	27.7	--	6.4	83	--	--
08	1616	22	138	691	7.1	27.7	--	6.2	80	--	--
08	1624	.5	413	695	7.7	29.4	--	9.1	121	--	--
08	1624	3.3	413	693	7.4	28.4	--	8.3	109	--	--
08	1625	6.6	413	693	7.3	28.2	--	7.7	100	--	--
08	1625	9.8	413	694	7.3	28.1	--	7.4	96	--	--
08	1625	13	413	694	7.2	28.0	--	6.5	84	--	--
08	1626	16	413	693	7.1	27.8	--	6.1	79	--	--
08	1626	20	413	693	7.1	27.8	--	6.0	78	--	--
08	1626	23	413	692	7.1	27.7	--	6.1	79	--	--
08	1627	26	413	691	7.1	27.7	--	6.1	79	--	--
08	1635	.5	689	694	7.5	28.9	--	8.3	110	--	--
08	1635	3.3	689	694	7.3	28.5	--	7.6	100	--	--
08	1636	6.6	689	693	7.2	28.2	--	6.9	90	--	--
08	1636	9.8	689	693	7.2	28.1	--	6.1	79	--	--
08	1636	13	689	693	7.1	28.0	--	6.9	90	--	--
08	1637	16	689	693	7.1	28.0	--	6.9	90	--	--
08	1637	20	689	692	7.1	27.8	--	6.2	80	--	--
08	1637	23	689	692	7.1	27.8	--	5.9	76	--	--
08	1638	26	689	682	7.1	27.7	--	5.9	76	--	--
08	1638	29	689	693	7.0	27.7	--	5.9	76	--	--

Table 14.--Water-quality data for station 391720081334701, Ohio River, at river mile 183.0 (June to October 1991)--continued.

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; µg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (µg/L)	Pheophytin (µg/L)
August											
08	1650	0.5	961	694	7.5	29.2	--	8.7	115	--	--
08	1650	3.3	961	693	7.4	28.8	--	8.3	109	--	--
08	1651	6.6	961	694	7.2	28.3	--	7.3	95	--	--
08	1651	9.8	961	694	7.2	28.2	--	6.9	90	--	--
08	1651	13	961	694	7.1	28.0	--	6.6	86	--	--
08	1652	16	961	694	7.1	27.9	--	6.5	84	--	--
08	1652	20	961	693	7.1	27.9	--	6.3	82	--	--
08	1652	23	961	692	7.1	27.8	--	6.0	78	--	--
08	1659	.5	1,237	693	7.5	28.7	--	8.7	114	--	--
08	1659	3.3	1,237	694	7.2	28.2	--	7.3	95	--	--
08	1700	6.6	1,237	691	7.2	28.1	--	7.0	91	--	--
08	1700	9.8	1,237	692	7.2	28.1	--	6.9	90	--	--
08	1700	11	1,237	692	7.1	28.1	--	6.8	89	--	--
21	1527	.5	138	629	7.2	27.4	--	6.3	81	--	--
21	1527	3.3	138	629	7.2	27.4	--	6.3	81	--	--
21	1528	6.6	138	629	7.2	27.4	--	6.3	81	--	--
21	1528	9.8	138	628	7.2	27.4	--	6.2	80	--	--
21	1528	13	138	628	7.2	27.2	--	6.0	77	--	--
21	1529	16	138	628	7.1	27.0	--	5.9	76	--	--
21	1529	17	138	626	7.1	27.0	--	5.9	76	--	--
21	1534	.5	413	630	7.2	27.4	--	6.2	80	--	--
21	1534	3.3	413	630	7.2	27.4	--	6.2	80	--	--
21	1535	6.6	413	628	7.2	27.3	--	6.2	80	--	--
21	1535	9.8	413	628	7.2	27.2	--	6.1	78	--	--
21	1535	13	413	627	7.1	27.1	--	6.0	77	--	--
21	1536	16	413	626	7.1	27.1	--	5.9	76	--	--
21	1536	20	413	628	7.1	27.0	--	5.9	76	--	--
21	1536	22	413	627	7.1	27.0	--	5.9	76	--	--
21	1544	.5	689	631	7.2	27.5	5.5	6.2	80	<.1	.3
21	1544	3.3	689	631	7.2	27.5	--	6.2	80	--	--
21	1545	6.6	689	630	7.1	27.4	--	6.1	79	<.1	.3
21	1545	9.8	689	629	7.1	27.2	--	6.0	77	--	--
21	1545	13	689	629	7.1	27.1	--	5.9	76	<.1	.5
21	1546	16	689	628	7.1	27.1	--	5.9	76	--	--
21	1546	20	689	628	7.1	27.1	--	5.9	76	<.1	.4

Table 14.--Water-quality data for station 391720081334701, Ohio River, at river mile 183.0 (June to October 1991)--continued.

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
August											
21	1546	23	689	628	7.1	27.1	--	5.9	76	--	--
21	1547	26	689	628	7.1	27.0	--	5.9	76	<.1	.4
21	1547	27	689	628	7.1	27.0	--	5.9	76	--	--
21	1548	.5	961	631	7.2	27.4	--	6.1	79	--	--
21	1548	3.3	961	631	7.1	27.4	--	6.0	77	--	--
21	1548	6.6	961	631	7.1	27.2	--	5.8	75	--	--
21	1549	9.8	961	631	7.1	27.2	--	5.8	75	--	--
21	1549	13	961	631	7.1	27.2	--	5.8	75	--	--
21	1549	16	961	631	7.1	27.2	--	5.8	75	--	--
21	1550	20	961	631	7.1	27.2	--	5.8	75	--	--
21	1550	23	961	630	7.1	27.2	--	5.8	75	--	--
21	1550	25	961	630	7.1	27.2	--	5.8	75	--	--
21	1607	.5	1,237	635	7.2	27.5	--	6.2	80	--	--
21	1607	3.3	1,237	634	7.2	27.4	--	6.2	80	--	--
21	1608	6.6	1,237	633	7.1	27.2	--	5.8	75	--	--
21	1608	9.8	1,237	634	7.1	27.2	--	5.8	75	--	--
21	1608	13	1,237	634	7.1	27.2	--	5.8	75	--	--
21	1609	16	1,237	632	7.1	27.2	--	5.8	75	--	--
21	1609	18	1,237	633	7.1	27.2	--	5.8	75	--	--
September											
10	1545	.5	138	687	7.2	27.2	--	6.6	84	--	--
10	1545	3.3	138	686	7.2	27.2	--	6.6	84	--	--
10	1546	6.6	138	686	7.2	27.2	--	6.6	84	--	--
10	1546	9.8	138	686	7.2	27.2	--	6.6	84	--	--
10	1546	13	138	686	7.2	27.2	--	6.6	84	--	--
10	1547	16	138	684	7.2	27.0	--	6.4	81	--	--
10	1547	20	138	684	7.1	27.0	--	6.4	81	--	--
10	1547	21	138	686	7.1	26.9	--	6.4	81	--	--
10	1549	.5	413	687	7.2	27.1	--	6.6	84	--	--
10	1549	3.3	413	687	7.2	27.1	--	6.6	84	--	--
10	1550	6.6	413	689	7.2	27.0	--	6.5	83	--	--
10	1550	9.8	413	689	7.2	27.0	--	6.5	83	--	--
10	1550	13	413	685	7.2	27.0	--	6.5	83	--	--
10	1551	16	413	685	7.2	27.0	--	6.5	83	--	--
10	1551	20	413	688	7.1	27.0	--	6.6	84	--	--
10	1551	23	413	683	7.1	26.9	--	6.4	81	--	--
10	1552	26	413	683	7.1	26.9	--	6.4	81	--	--

Table 14.--Water-quality data for station 391720081334701, Ohio River, at river mile 183.0 (June to October 1991)--continued.

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; µg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (µg/L)	Pheophytin (µg/L)
September											
10	1554	0.5	689	689	7.2	27.2	5.5	6.6	84	<.1	.3
10	1554	3.3	689	688	7.2	27.2	--	6.6	84	--	--
10	1555	6.6	689	686	7.2	27.1	--	6.5	83	--	--
10	1555	9.8	689	685	7.1	27.0	--	6.5	83	--	--
10	1555	13	689	685	7.1	27.0	--	6.4	81	<.1	.3
10	1556	16	689	688	7.1	26.9	--	6.5	83	--	--
10	1556	20	689	688	7.1	26.9	--	6.5	83	--	--
10	1556	23	689	689	7.1	26.9	--	6.4	81	--	--
10	1557	26	689	685	7.1	26.9	--	6.4	81	<.1	.3
10	1557	28	689	687	7.1	26.9	--	6.4	81	--	--
10	1603	.5	961	688	7.2	27.2	--	6.6	84	--	--
10	1603	3.3	961	689	7.2	27.2	--	6.5	83	--	--
10	1604	6.6	961	690	7.2	27.0	--	6.4	81	--	--
10	1604	9.8	961	688	7.1	27.0	--	6.4	81	--	--
10	1604	13	961	688	7.1	26.9	--	6.4	81	--	--
10	1605	16	961	689	7.1	26.9	--	6.3	80	--	--
10	1605	20	961	688	7.1	26.9	--	6.3	80	--	--
10	1605	23	961	688	7.1	26.9	--	6.3	80	--	--
10	1606	25	961	688	7.1	26.9	--	6.2	79	--	--
10	1610	.5	1,237	689	7.2	27.1	--	6.6	84	--	--
10	1610	3.3	1,237	689	7.2	27.2	--	6.5	83	--	--
10	1611	6.6	1,237	688	7.2	27.1	--	6.5	83	--	--
10	1611	9.8	1,237	687	7.2	27.0	--	6.4	81	--	--
10	1611	13	1,237	687	7.1	27.0	--	6.4	81	--	--
10	1612	16	1,237	686	7.1	27.0	--	6.3	80	--	--
10	1612	19	1,237	689	7.1	27.0	--	6.3	80	--	--
17	1910	.5	138	712	7.5	27.9	--	8.6	112	--	--
17	1910	3.3	138	712	7.4	27.9	--	8.0	103	--	--
17	1911	6.6	138	712	7.4	27.9	--	7.9	102	--	--
17	1911	9.8	138	711	7.2	27.5	--	6.1	78	--	--
17	1911	13	138	710	7.1	27.5	--	6.0	77	--	--
17	1912	16	138	710	7.1	27.4	--	5.9	76	--	--
17	1900	.5	413	713	7.4	27.8	--	7.7	100	--	--
17	1900	3.3	413	712	7.3	27.8	--	7.7	100	--	--
17	1901	6.6	413	713	7.3	27.8	--	7.7	99	--	--
17	1901	9.8	413	713	7.3	27.4	--	7.3	93	--	--
17	1901	13	413	711	7.1	27.4	--	6.0	78	--	--

Table 14.--Water-quality data for station 391720081334701, Ohio River, at river mile 183.0 (June to October 1991)--continued.

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
September											
17	1902	16	413	711	7.1	27.4	--	6.0	77	--	--
17	1902	20	413	711	7.1	27.4	--	6.0	77	--	--
17	1902	23	413	711	7.1	27.4	--	6.0	76	--	--
17	1903	24	413	711	7.1	27.4	--	5.9	76	--	--
17	1834	.5	689	713	7.3	27.7	--	7.6	97	--	--
17	1834	3.3	689	714	7.3	27.8	--	7.6	98	--	--
17	1835	6.6	689	713	7.3	27.8	--	7.6	97	--	--
17	1835	9.8	689	712	7.2	27.6	--	6.6	84	--	--
17	1835	13	689	710	7.1	27.5	--	6.3	81	--	--
17	1836	16	689	712	7.1	27.5	--	6.1	78	--	--
17	1836	20	689	712	7.1	27.4	--	5.9	76	--	--
17	1836	23	689	712	7.1	27.4	--	5.9	75	--	--
17	1837	26	689	712	7.1	27.4	--	5.8	74	--	--
17	1918	.5	961	712	7.3	27.7	--	7.1	92	--	--
17	1918	3.3	961	712	7.2	27.7	--	6.8	88	--	--
17	1919	6.6	961	712	7.2	27.7	--	6.5	84	--	--
17	1919	9.8	961	713	7.2	27.6	--	6.5	83	--	--
17	1919	13	961	713	7.2	27.6	--	6.4	83	--	--
17	1920	16	961	714	7.1	27.5	--	6.3	80	--	--
17	1920	20	961	714	7.1	27.5	--	6.2	79	--	--
17	1920	23	961	712	7.1	27.5	--	6.0	78	--	--
17	1921	24	961	711	7.1	27.5	--	6.0	77	--	--
17	1925	.5	1,237	713	7.3	27.7	--	7.1	92	--	--
17	1925	3.3	1,237	712	7.3	27.8	--	7.1	92	--	--
17	1926	6.6	1,237	712	7.2	27.8	--	7.0	91	--	--
17	1926	9.8	1,237	712	7.2	27.7	--	6.9	88	--	--
17	1926	13	1,237	712	7.2	27.7	--	6.4	84	--	--
17	1927	14	1,237	712	7.1	27.5	--	5.7	73	--	--
October											
22	1546	.5	138	713	7.5	17.3	--	8.7	92	--	--
22	1546	3.3	138	712	7.5	17.2	--	8.7	91	--	--
22	1547	6.6	138	712	7.5	16.7	--	8.7	91	--	--
22	1547	9.8	138	713	7.5	16.4	--	8.6	89	--	--
22	1547	13	138	713	7.4	16.2	--	8.5	87	--	--
22	1548	16	138	715	7.4	16.2	--	8.4	86	--	--

Table 14.--Water-quality data for station 391720081334701, Ohio River, at river mile 183.0 (June to October 1991)--continued.

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conduct-ance (μS/cm)	pH (stan-dard units)	Temper-ature, water (°C)	Trans-parency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent satura-tion)	Chloro-phyll-*a* (μg/L)	Pheo-phytin (μg/L)
October											
22	1555	0.5	413	713	7.5	17.0	--	8.1	84	--	--
22	1555	3.3	413	712	7.5	17.0	--	7.9	83	--	--
22	1556	6.6	413	711	7.5	16.7	--	7.9	83	--	--
22	1556	9.8	413	712	7.5	16.4	--	7.9	82	--	--
22	1556	13	413	712	7.5	16.3	--	7.9	81	--	--
22	1557	16	413	713	7.4	16.2	--	7.7	80	--	--
22	1557	20	413	713	7.4	16.2	--	7.7	79	--	--
22	1557	22	413	712	7.4	16.2	--	7.7	79	--	--
22	1604	.5	689	711	7.5	17.1	9.5	7.9	82	.1	.1
22	1604	3.3	689	712	7.4	16.6	--	7.8	81	--	--
22	1605	6.6	689	711	7.4	16.3	--	7.8	80	--	--
22	1605	9.8	689	711	7.4	16.3	--	7.7	80	--	--
22	1605	13	689	711	7.4	16.3	--	7.7	80	.1	.1
22	1606	16	689	713	7.4	16.3	--	7.7	79	--	--
22	1606	20	689	713	7.4	16.2	--	7.7	79	--	--
22	1606	23	689	715	7.4	16.2	--	7.6	78	--	--
22	1607	26	689	712	7.4	16.2	--	7.6	78	<.1	.2
22	1607	27	689	713	7.4	16.2	--	7.6	78	--	--
22	1613	.5	961	713	7.5	17.0	--	8.0	84	--	--
22	1613	3.3	961	712	7.5	16.6	--	8.0	83	--	--
22	1614	6.6	961	711	7.4	16.4	--	7.8	81	--	--
22	1614	9.8	961	714	7.4	16.3	--	7.8	80	--	--
22	1614	13	961	713	7.4	16.3	--	7.7	80	--	--
22	1615	16	961	713	7.4	16.3	--	7.7	79	--	--
22	1615	20	961	713	7.4	16.3	--	7.7	79	--	--
22	1615	22	961	713	7.4	16.3	--	7.7	79	--	--
22	1618	.5	1,237	713	7.5	16.8	--	8.0	83	--	--
22	1618	3.3	1,237	712	7.5	16.6	--	7.9	82	--	--
22	1619	6.6	1,237	712	7.5	16.4	--	7.9	81	--	--
22	1619	9.8	1,237	711	7.4	16.4	--	7.9	81	--	--
22	1619	11	1,237	714	7.4	16.4	--	7.8	81	--	--

Table 15.--Water-quality data for station 391559081341201, Ohio River, at river mile 184.6 (June to October 1991).

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
June											
19	1700	3.3	709	515	7.5	28.0	--	7.1	92	--	--
20	1717	3.3	709	524	7.9	29.1	--	8.5	111	--	--
July											
18	2315	3.3	709	637	7.6	29.5	--	8.2	110	--	--
18	2315	16	709	634	7.4	29.2	--	7.6	101	--	--
18	2316	33	709	509	7.1	28.3	--	6.0	78	--	--
19	1310	3.3	709	667	7.5	29.5	--	7.3	98	--	--
19	1310	20	709	636	7.5	29.2	--	6.8	90	--	--
19	1311	36	709	400	7.2	27.9	--	3.9	51	--	--
25	1814	3.3	709	601	7.3	29.6	--	5.9	79	--	--
25	1814	20	709	576	7.2	29.3	--	5.4	72	--	--
25	1815	36	709	410	7.2	28.7	--	4.3	57	--	--
24	2009	3.3	709	614	7.2	30.5	--	6.8	93	--	--
24	2009	18	709	612	7.0	30.0	--	5.8	78	--	--
24	2010	33	709	489	7.0	29.1	--	4.4	59	--	--
August											
08	1715	3.3	709	680	7.2	28.2	--	7.1	92	--	--
08	1715	20	709	674	7.1	28.0	--	6.8	88	--	--
08	1716	36	709	678	7.1	27.9	--	6.5	84	--	--
20	1458	3.3	709	637	7.2	27.2	--	6.1	78	--	--
20	1458	18	709	635	7.1	27.1	--	6.0	77	--	--
20	1459	36	709	571	7.1	26.7	--	5.6	71	--	--
September											
10	1534	3.3	709	686	7.2	27.1	6.0	6.5	83	--	--
10	1534	20	709	687	7.1	27.1	--	6.3	80	--	--
10	1535	36	709	686	7.1	27.1	--	6.3	80	--	--
11	600	3.3	709	660	7.1	27.2	5.0	6.1	78	--	--
11	1600	16	709	660	7.1	27.2	--	6.1	78	--	--
11	1601	36	709	644	7.1	27.0	--	5.5	70	--	--
16	2041	3.3	709	688	7.3	27.4	--	6.7	86	--	--
16	2041	20	709	677	7.2	27.2	--	6.0	77	--	--
16	2042	39	709	298	7.0	25.9	--	3.4	42	--	--
September											
17	1937	3.3	709	703	7.3	27.4	5.0	7.1	91	--	--
17	1937	20	709	662	7.2	27.3	--	6.3	81	--	--
17	1938	38	709	297	6.9	25.9	--	3.7	46	--	--
October											
22	1444	3.3	709	711	7.4	16.5	--	7.5	77	--	--
22	1444	20	709	713	7.4	16.3	--	7.4	76	--	--
22	1445	36	709	711	7.4	16.3	--	7.4	76	--	--

Table 16.--Water-quality data for station 391650081371201, Ohio River, at river mile 187.6 (June to October 1991).

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
June											
20	1727	3.3	433	508	7.6	28.2	--	7.3	94	--	--
July											
19	1340	3.3	433	636	7.5	29.3	--	6.8	91	--	--
19	1340	13	433	644	7.4	29.3	--	6.7	89	--	--
19	1341	20	433	638	7.3	29.2	--	6.3	84	--	--
24	2000	3.3	433	603	7.2	30.3	--	6.9	94	--	--
24	2000	11	433	601	7.0	30.0	--	5.8	78	--	--
24	2001	20	433	601	7.0	29.9	--	5.7	77	--	--
August											
08	1730	3.3	433	671	7.3	28.6	--	8.4	110	--	--
08	1730	9.8	433	672	7.1	28.1	--	7.0	91	--	--
08	1731	20	433	672	7.0	28.0	--	6.4	83	--	--
20	1448	3.3	433	629	7.2	27.3	--	6.4	82	--	--
20	1448	11	433	629	7.1	27.1	--	6.0	77	--	--
20	1449	23	433	629	7.1	27.1	--	5.9	76	--	--
September											
10	1520	3.3	433	645	7.1	27.3	6.0	6.5	83	<.1	.4
10	1520	11	433	646	7.1	27.2	--	6.3	80	--	--
10	1521	23	433	642	7.1	27.1	--	6.1	78	--	--
16	2030	3.3	433	711	7.4	27.7	--	7.2	93	.7	.5
16	2030	11	433	712	7.4	27.7	--	7.1	92	--	--
16	2031	23	433	712	7.2	27.3	--	6.1	78	--	--
October											
22	1434	3.3	433	690	7.4	16.8	--	7.4	77	--	--
22	1434	11	433	690	7.4	16.4	--	7.3	76	--	--
22	1435	23	433	691	7.3	16.3	--	7.2	74	--	--

Table 17.--Water-quality data for station 391628081395301, Ohio River, at river mile 190.0 (June to October 1991).

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
June											
20	1736	3.3	787	516	7.9	28.8	--	8.2	106	--	--
July											
19	1351	3.3	787	638	7.5	29.5	--	7.9	106	--	--
19	1351	13	787	639	7.4	29.2	--	6.9	92	--	--
19	1352	26	787	639	7.4	29.2	--	6.8	90	--	--
24	1951	3.3	787	605	7.2	30.4	--	7.1	97	--	--
24	1951	13	787	602	7.0	29.9	--	5.9	80	--	--
24	1952	26	787	604	7.0	29.8	--	5.7	77	--	--
August											
08	1745	3.3	787	668	7.9	29.2	--	9.7	128	--	--
08	1745	13	787	668	7.1	28.1	--	6.6	85	--	--
08	1746	26	787	667	7.0	27.8	--	5.5	71	--	--
20	1438	3.3	787	635	7.2	27.2	--	6.3	81	--	--
20	1438	13	787	634	7.2	27.3	--	6.3	81	--	--
20	1439	26	787	637	7.1	27.2	--	6.1	78	--	--
September											
10	1510	3.3	787	631	7.1	27.3	5.0	6.6	84	--	--
10	1510	15	787	633	7.1	27.2	--	6.4	82	--	--
10	1511	26	787	631	7.1	27.1	--	6.4	82	--	--
16	2021	3.3	787	707	7.4	27.7	--	7.3	94	--	--
16	2021	13	787	707	7.3	27.6	--	6.8	88	--	--
16	2022	28	787	707	7.2	27.4	--	6.0	77	--	--
October											
22	1423	3.3	787	692	7.4	16.8	--	7.6	79	--	--
22	1423	13	787	690	7.4	16.3	--	7.3	75	--	--
22	1424	26	787	688	7.3	16.2	--	7.2	74	--	--

Table 18.--Water-quality data for station 391601081411101, Ohio River, at river mile 191.3 (June to October 1991).

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
June											
20	1745	3.3	638	515	7.4	27.6	--	6.5	82	--	--
July											
19	1402	3.3	638	639	8.2	30.1	--	10.3	139	--	--
19	1402	20	638	637	7.5	29.1	--	6.9	92	--	--
19	1403	36	638	637	7.3	28.9	--	5.9	78	--	--
24	1943	3.3	638	614	7.3	30.6	--	7.3	100	--	--
24	1943	20	638	612	7.1	29.8	--	5.9	79	--	--
24	1944	33	638	613	7.0	29.7	--	5.8	78	--	--
August											
08	1754	3.3	638	667	7.3	28.6	--	7.9	103	--	--
08	1754	16	638	669	7.1	28.1	--	6.5	84	--	--
08	1755	30	638	656	7.0	28.0	--	6.2	80	--	--
20	1428	3.3	638	644	7.2	27.3	--	6.3	81	--	--
20	1428	15	638	644	7.2	27.3	--	6.3	81	--	--
20	1429	30	638	643	7.1	27.2	--	5.9	76	--	--
September											
10	1502	3.3	638	628	7.1	27.0	5.0	6.7	85	--	--
10	1502	16	638	627	7.1	26.9	--	6.6	84	--	--
10	1503	33	638	621	7.1	26.9	--	6.6	84	--	--
16	2008	3.3	638	701	7.4	27.5	--	7.2	93	--	--
16	2008	18	638	701	7.3	27.4	--	7.0	90	--	--
16	2009	33	638	701	7.2	27.2	--	5.9	75	--	--
October											
22	1417	3.3	638	689	7.3	16.5	--	7.3	76	--	--
22	1417	18	638	685	7.3	16.1	--	7.2	74	--	--
22	1418	36	638	684	7.3	16.1	--	7.1	73	--	--

Table 19.--Water-quality data for station 391447081414201, Ohio River, at river mile 192.9 (June to October 1991).

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
June											
20	1755	0.5	112	516	8.2	29.1	--	8.9	116	--	--
20	1755	3.3	112	514	7.8	28.3	--	7.4	95	--	--
20	1756	6.6	112	512	7.5	27.7	--	6.2	79	--	--
20	1756	9.8	112	511	7.4	27.6	--	5.7	72	--	--
20	1756	13	112	510	7.3	27.5	--	5.7	72	--	--
20	1757	16	112	511	7.3	27.5	--	5.6	71	--	--
20	1757	20	112	511	7.3	27.4	--	5.4	68	--	--
20	1757	23	112	510	7.2	27.3	--	5.1	64	--	--
20	1804	.5	338	513	8.1	29.3	--	8.3	108	--	--
20	1804	3.3	338	516	7.6	28.2	--	6.7	86	--	--
20	1805	6.6	338	513	7.4	27.8	--	5.9	75	--	--
20	1805	9.8	338	510	7.3	27.5	--	5.6	71	--	--
20	1805	13	338	510	7.3	27.5	--	5.6	71	--	--
20	1806	16	338	510	7.3	27.4	--	5.5	69	--	--
20	1806	20	338	510	7.3	27.4	--	5.4	68	--	--
20	1806	23	338	510	7.3	27.4	--	5.4	68	--	--
20	1807	26	338	511	7.3	27.3	--	5.3	67	--	--
20	1807	29	338	510	7.2	27.2	--	4.9	62	--	--
20	1819	.5	564	516	7.9	29.2	--	8.0	104	--	--
20	1819	3.3	564	516	7.7	28	--	7.1	91	--	--
20	1820	6.6	564	512	7.4	27.8	--	6.2	79	--	--
20	1820	9.8	564	511	7.4	27.6	--	5.7	72	--	--
20	1820	13	564	510	7.3	27.5	--	5.5	70	--	--
20	1821	16	564	510	7.3	27.4	--	5.4	68	--	--
20	1821	20	564	509	7.3	27.3	--	5.2	66	--	--
20	1821	23	564	510	7.3	27.3	--	5.2	66	--	--
20	1822	26	564	510	7.2	27.3	--	5.1	64	--	--
20	1822	30	564	509	7.2	27.2	--	4.9	62	--	--
20	1823	31	564	508	7.2	27.2	--	4.8	60	--	--
20	1830	.5	787	512	8.3	29.2	--	9.0	118	--	--
20	1830	3.3	787	513	8.1	29.0	--	8.4	109	--	--
20	1831	6.6	787	513	7.4	27.7	--	6.0	76	--	--
20	1831	9.8	787	511	7.3	27.5	--	5.6	71	--	--
20	1831	13	787	511	7.3	27.5	--	5.5	70	--	--
20	1832	16	787	510	7.3	27.5	--	5.5	70	--	--
20	1832	20	787	511	7.3	27.4	--	5.4	68	--	--
20	1832	23	787	510	7.2	27.4	--	5.3	67	--	--

Table 19.--Water-quality data for station 391447081414201, Ohio River, at river mile 192.9 (June to October 1991)--continued.

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; µg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (µg/L)	Pheophytin (µg/L)
June											
20	1833	26	787	510	7.3	27.3	--	5.3	67	--	--
20	1833	29	787	510	7.2	27.3	--	5.2	66	--	--
20	1952	.5	1,014	512	8.2	29.3	--	9.2	121	--	--
20	1952	3.3	1,014	512	8.2	29.2	--	8.8	115	--	--
20	1953	6.6	1,014	513	7.6	28.2	--	6.7	86	--	--
20	1953	9.8	1,014	515	7.4	27.7	--	6.1	78	--	--
20	1953	13	1,014	511	7.3	27.6	--	5.8	74	--	--
20	1954	16	1,014	511	7.3	27.5	--	5.7	72	--	--
20	1954	20	1,014	511	7.3	27.4	--	5.4	68	--	--
20	1954	23	1,014	510	7.3	27.4	--	5.4	68	--	--
20	1955	26	1,014	510	7.2	27.3	--	5.0	63	--	--
July											
19	1453	.5	112	645	7.9	29.6	--	9.5	127	--	--
19	1453	3.3	112	645	7.7	29.4	--	8.4	112	--	--
19	1454	6.6	112	645	7.6	29.3	--	8.0	107	--	--
19	1454	9.8	112	643	7.6	29.4	--	8.2	110	--	--
19	1454	13	112	643	7.5	29.3	--	7.9	105	--	--
19	1455	16	112	642	7.5	29.3	--	7.4	99	--	--
19	1455	17	112	643	7.4	29.1	--	6.9	92	--	--
19	1441	.5	338	645	8.3	30.1	--	10.8	146	--	--
19	1441	3.3	338	645	8.2	30.0	--	10.3	139	--	--
19	1442	6.6	338	642	7.9	29.6	--	9.4	126	--	--
19	1442	9.8	338	639	7.6	29.4	--	8.4	112	--	--
19	1442	13	338	643	7.6	29.3	--	8.1	108	--	--
19	1443	16	338	640	7.5	29.2	--	7.6	101	--	--
19	1443	20	338	644	7.4	29.1	--	7.2	96	--	--
19	1443	23	338	645	7.4	29.0	--	6.7	89	--	--
19	1444	26	338	641	7.3	29.0	--	6.5	86	--	--
19	1444	30	338	641	7.3	28.9	--	6.3	83	--	--
19	1417	.5	564	641	8.3	30.2	--	10.5	142	--	--
19	1417	3.3	564	640	7.9	29.6	--	9.4	126	--	--
19	1418	6.6	564	640	7.7	29.5	--	8.7	116	--	--
19	1418	9.8	564	639	7.5	29.2	--	7.4	99	--	--
19	1418	13	564	640	7.4	29.2	--	7.2	96	--	--
19	1419	16	564	639	7.4	29.1	--	7.1	94	--	--
19	1419	20	564	640	7.4	29.1	--	7.0	93	--	--

Table 19.--Water-quality data for station 391447081414201, Ohio River, at river mile 192.9 (June to October 1991)--continued.

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; µg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (µg/L)	Pheophytin (µg/L)
July											
19	1419	23	564	641	7.4	29.1	--	6.9	92	--	--
19	1420	26	564	641	7.4	29.1	--	6.7	89	--	--
19	1420	29	564	641	7.3	29.0	--	6.5	86	--	--
19	1426	.5	787	642	8.4	30.1	--	11.0	149	--	--
19	1426	3.3	787	640	7.7	29.5	--	8.7	116	--	--
19	1427	6.6	787	643	7.7	29.4	--	8.8	118	--	--
19	1427	9.8	787	643	7.8	29.4	--	8.9	119	--	--
19	1427	13	787	644	7.6	29.3	--	8.1	108	--	--
19	1428	16	787	639	7.5	29.2	--	7.4	99	--	--
19	1428	20	787	640	7.4	29.1	--	7.3	97	--	--
19	1428	23	787	642	7.4	29.1	--	7.1	94	--	--
19	1429	26	787	641	7.4	29.1	--	6.8	90	--	--
19	1429	28	787	639	7.3	29.1	--	6.6	88	--	--
19	1433	.5	1,014	642	8.3	30.2	--	10.7	145	--	--
19	1433	3.3	1,014	642	8.1	29.5	--	10.1	135	--	--
19	1434	6.6	1,014	642	7.8	29.5	--	9.2	123	--	--
19	1434	9.8	1,014	641	7.7	29.4	--	8.5	114	--	--
19	1434	13	1,014	642	7.6	29.3	--	8.1	108	--	--
19	1435	16	1,014	640	7.5	29.2	--	7.4	99	--	--
19	1435	20	1,014	640	7.4	29.2	--	7.3	97	--	--
19	1435	23	1,014	641	7.4	29.1	--	7.2	96	--	--
19	1436	24	1,014	641	7.4	29.1	--	7.1	94	--	--
24	1840	.5	112	619	7.6	31.2	--	8.5	117	--	--
24	1840	3.3	112	623	7.4	30.8	--	7.2	98	--	--
24	1841	6.6	112	615	7.2	30.0	--	6.0	81	--	--
24	1841	9.8	112	613	7.2	29.9	--	5.8	78	--	--
24	1841	13	112	613	7.1	29.8	--	5.8	78	--	--
24	1842	16	112	612	7.1	29.8	--	5.8	78	--	--
24	1842	20	112	611	7.1	29.8	--	5.8	78	--	--
24	1842	23	112	611	7.1	29.7	--	5.7	77	--	--
24	1843	24	112	611	7.1	29.7	--	5.7	77	--	--
24	1848	.5	338	615	7.4	30.5	--	7.5	102	--	--
24	1848	3.3	338	614	7.3	30.4	--	7.1	96	--	--
24	1849	6.6	338	614	7.2	30.0	--	6.1	82	--	--
24	1849	9.8	338	610	7.2	29.8	--	6.0	81	--	--

Table 19.--Water-quality data for station 391447081414201, Ohio River, at river mile 192.9 (June to October 1991)--continued.

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
July											
24	1849	13	338	607	7.1	29.8	--	5.9	79	--	--
24	1850	16	338	608	7.1	29.8	--	5.9	79	--	--
24	1850	20	338	612	7.1	29.8	--	5.9	79	--	--
24	1850	23	338	609	7.1	29.8	--	5.8	78	--	--
24	1851	26	338	612	7.1	29.7	--	5.8	78	--	--
24	1851	30	338	610	7.1	29.7	--	5.8	78	--	--
24	1856	.5	564	611	7.3	30.6	--	7.9	108	--	--
24	1856	3.3	564	610	7.2	30.4	--	7.2	98	--	--
24	1857	6.6	564	611	7.2	30.2	--	6.6	89	--	--
24	1857	9.8	564	610	7.1	30.0	--	6.2	84	--	--
24	1857	13	564	608	7.1	29.8	--	5.9	79	--	--
24	1858	16	564	609	7.1	29.8	--	5.8	78	--	--
24	1858	20	564	609	7.1	29.8	--	5.9	79	--	--
24	1858	23	564	609	7.1	29.8	--	5.9	79	--	--
24	1859	26	564	609	7.1	29.8	--	5.8	78	--	--
24	1859	30	564	609	7.1	29.7	--	5.8	78	--	--
24	1900	33	564	609	7.1	29.7	--	5.8	78	--	--
24	1900	34	564	609	7.1	29.7	--	5.8	78	--	--
24	1905	.5	787	607	7.5	30.6	--	7.9	108	--	--
24	1905	3.3	787	610	7.4	30.6	--	7.7	105	--	--
24	1906	6.6	787	608	7.2	30.3	--	6.8	92	--	--
24	1906	9.8	787	608	7.1	30.0	--	6.3	85	--	--
24	1906	13	787	606	7.1	29.9	--	6.0	81	--	--
24	1907	16	787	608	7.1	29.9	--	5.9	79	--	--
24	1907	20	787	608	7.1	29.9	--	5.9	79	--	--
24	1907	23	787	609	7.1	29.8	--	5.8	78	--	--
24	1908	26	787	608	7.1	29.8	--	5.8	78	--	--
24	1908	30	787	608	7.1	29.8	--	5.7	77	--	--
24	1909	31	787	608	7.1	29.8	--	5.7	77	--	--
24	1915	.5	1,014	608	7.4	30.6	--	7.4	101	--	--
24	1915	3.3	1,014	607	7.3	30.4	--	6.8	92	--	--
24	1916	6.6	1,014	608	7.2	30.2	--	6.7	91	--	--
24	1916	9.8	1,014	609	7.2	30.0	--	6.3	85	--	--
24	1916	13	1,014	609	7.2	29.9	--	6.1	82	--	--
24	1917	16	1,014	609	7.1	29.9	--	6.0	81	--	--
24	1917	20	1,014	609	7.1	29.9	--	6.0	81	--	--
24	1917	23	1,014	609	7.1	29.9	--	6.0	81	--	--

Table 19.--Water-quality data for station 391447081414201, Ohio River, at river mile 192.9 (June to October 1991)--continued.

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
August											
08	1807	0.5	112	668	7.7	30.3	--	9.2	124	--	--
08	1807	3.3	112	666	7.4	29.3	--	8.6	114	--	--
08	1808	6.6	112	657	7.1	28.3	--	6.4	84	--	--
08	1808	9.8	112	658	7.1	28.2	--	6.3	82	--	--
08	1808	13	112	657	7.0	28.2	--	6.1	80	--	--
08	1809	16	112	655	7.0	28.1	--	6.0	78	--	--
08	1809	20	112	655	7.0	28.1	--	5.9	77	--	--
08	1809	23	112	658	7.0	28.1	--	5.8	75	--	--
08	1810	26	112	655	7.0	28.1	--	5.7	74	--	--
08	1810	27	112	659	7.0	28.1	--	5.7	74	--	--
08	1819	.5	338	665	7.7	29.8	--	9.3	125	--	--
08	1819	3.3	338	674	7.4	28.7	--	8.4	110	--	--
08	1820	6.6	338	659	7.1	28.4	--	6.5	85	--	--
08	1820	9.8	338	658	7.0	28.2	--	6.1	80	--	--
08	1820	13	338	657	7.0	28.1	--	6.0	78	--	--
08	1821	16	338	657	7.0	28.1	--	5.9	77	--	--
08	1821	20	338	658	7.0	28.1	--	5.9	77	--	--
08	1821	23	338	659	7.0	28.1	--	5.9	77	--	--
08	1822	26	338	659	7.0	28.1	--	5.7	74	--	--
08	1822	30	338	659	7.0	28.2	--	5.7	74	--	--
08	1823	31	338	659	7.0	28.2	--	5.6	73	--	--
08	1829	.5	564	671	7.5	29.5	--	9.1	121	--	--
08	1829	3.3	564	674	7.3	28.5	--	8.3	109	--	--
08	1830	6.6	564	662	7.2	28.4	--	6.8	89	--	--
08	1830	9.8	564	657	7.0	28.2	--	6.1	80	--	--
08	1830	13	564	658	7.0	28.1	--	6.0	78	--	--
08	1831	16	564	657	7.0	28.1	--	6.0	78	--	--
08	1831	20	564	658	7.0	28.1	--	6.0	78	--	--
08	1831	23	564	658	7.0	28.1	--	5.9	77	--	--
08	1832	26	564	659	7.0	28.1	--	5.9	77	--	--
08	1832	30	564	659	7.0	28.1	--	5.8	75	--	--
08	1833	33	564	659	7.0	28.0	--	5.7	74	--	--
08	1833	34	564	659	7.0	28.0	--	5.5	71	--	--
08	1814	.5	787	661	7.9	29.9	--	10.0	134	--	--
08	1814	3.3	787	660	7.4	29.1	--	8.2	109	--	--
08	1815	6.6	787	662	7.2	28.5	--	7.3	96	--	--
08	1815	9.8	787	659	7.1	28.3	--	6.3	82	--	--
08	1815	13	787	659	7.0	28.2	--	6.2	81	--	--

Table 19.--Water-quality data for station 391447081414201, Ohio River, at river mile 192.9 (June to October 1991)--continued.

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; µg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (µg/L)	Pheophytin (µg/L)
August											
08	1816	16	787	659	7.0	28.2	--	6.0	78	--	--
08	1816	20	787	657	7.0	28.1	--	5.9	77	--	--
08	1816	23	787	657	7.0	28.1	--	5.8	75	--	--
08	1817	26	787	655	7.0	28.1	--	5.8	75	--	--
08	1817	29	787	658	7.0	28.1	--	5.1	66	--	--
08	1852	.5	1,014	657	7.4	29.1	--	8.9	118	--	--
08	1852	3.3	1,014	660	7.3	28.8	--	8.0	105	--	--
08	1853	6.6	1,014	658	7.2	28.4	--	7.1	93	--	--
08	1853	9.8	1,014	660	7.1	28.3	--	6.4	84	--	--
08	1853	13	1,014	657	7.1	28.3	--	6.3	82	--	--
08	1854	16	1,014	656	7.0	28.2	--	6.3	82	--	--
08	1854	20	1,014	656	7.0	28.2	--	6.2	81	--	--
08	1854	23	1,014	656	7.0	28.2	--	6.0	78	--	--
08	1855	24	1,014	655	7.0	28.2	--	5.9	77	--	--
20	1341	.5	112	647	7.2	27.1	--	6.4	82	--	--
20	1341	3.3	112	647	7.2	27.2	--	6.4	82	--	--
20	1342	6.6	112	645	7.2	27.2	--	6.4	82	--	--
20	1342	9.8	112	648	7.2	27.2	--	6.4	82	--	--
20	1342	13	112	647	7.2	27.2	--	6.3	81	--	--
20	1343	16	112	646	7.2	27.2	--	6.3	81	--	--
20	1343	20	112	648	7.2	27.2	--	6.3	81	--	--
20	1343	23	112	646	7.1	27.2	--	6.3	81	--	--
20	1344	24	112	647	7.1	27.2	--	6.2	80	--	--
20	1348	.5	338	645	7.1	27.2	--	6.4	82	--	--
20	1348	3.3	338	645	7.1	27.2	--	6.4	82	--	--
20	1349	6.6	338	646	7.1	27.2	--	6.3	81	--	--
20	1349	9.8	338	646	7.1	27.2	--	6.3	81	--	--
20	1349	13	338	647	7.1	27.2	--	6.3	81	--	--
20	1350	16	338	647	7.1	27.2	--	6.3	81	--	--
20	1350	20	338	648	7.1	27.2	--	6.3	81	--	--
20	1350	23	338	648	7.1	27.2	--	6.3	81	--	--
20	1351	26	338	649	7.1	27.2	--	6.2	80	--	--
20	1351	28	338	649	7.1	27.2	--	6.1	78	--	--
20	1357	.5	564	645	7.1	27.2	--	6.3	81	--	--
20	1357	3.3	564	643	7.1	27.2	--	6.3	81	--	--
20	1358	6.6	564	644	7.1	27.2	--	6.3	81	--	--
20	1358	9.8	564	647	7.1	27.2	--	6.2	80	--	--

Table 19.--Water-quality data for station 391447081414201, Ohio River, at river mile 192.9 (June to October 1991)--continued.

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
August											
20	1358	13	564	646	7.1	27.2	--	6.2	80	--	--
20	1359	16	564	644	7.1	27.2	--	6.2	80	--	--
20	1359	20	564	648	7.1	27.2	--	6.2	80	--	--
20	1359	23	564	645	7.1	27.2	--	6.2	80	--	--
20	1400	26	564	642	7.1	27.2	--	6.2	80	--	--
20	1400	30	564	644	7.1	27.2	--	6.2	80	--	--
20	1401	31	564	643	7.1	27.2	--	6.2	80	--	--
20	1404	.5	787	644	7.2	27.3	--	6.4	82	--	--
20	1404	3.3	787	645	7.2	27.3	--	6.4	82	--	--
20	1405	6.6	787	643	7.1	27.2	--	6.3	81	--	--
20	1405	9.8	787	645	7.1	27.2	--	6.3	81	--	--
20	1405	13	787	641	7.1	27.2	--	6.3	81	--	--
20	1406	16	787	645	7.1	27.2	--	6.3	81	--	--
20	1406	20	787	645	7.1	27.2	--	6.3	81	--	--
20	1406	23	787	640	7.1	27.2	--	6.3	81	--	--
20	1407	26	787	640	7.1	27.2	--	6.3	81	--	--
20	1407	30	787	642	7.1	27.2	--	6.3	81	--	--
20	1408	30	787	640	7.1	27.2	--	5.6	72	--	--
20	1412	.5	1,014	643	7.2	27.3	--	6.6	85	--	--
20	1412	3.3	1,014	643	7.2	27.3	--	6.5	84	--	--
20	1413	6.6	1,014	643	7.2	27.2	--	6.4	82	--	--
20	1413	9.8	1,014	642	7.2	27.2	--	6.4	82	--	--
20	1413	13	1,014	643	7.2	27.2	--	6.4	82	--	--
20	1414	16	1,014	641	7.1	27.2	--	6.4	82	--	--
20	1414	20	1,014	643	7.1	27.2	--	6.4	82	--	--
20	1414	23	1,014	642	7.1	27.2	--	6.4	82	--	--
20	1415	26	1,014	641	7.1	27.2	--	6.4	82	--	--
20	1415	27	1,014	643	7.1	27.2	--	6.4	82	--	--
September											
10	1418	.5	112	625	7.1	27.0	--	6.7	85	--	--
10	1418	3.3	112	626	7.1	27.0	--	6.7	85	--	--
10	1419	6.6	112	625	7.1	26.9	--	6.6	84	--	--
10	1419	9.8	112	625	7.1	26.8	--	6.6	84	--	--
10	1419	13	112	630	7.1	26.8	--	6.7	85	--	--
10	1420	16	112	627	7.1	26.7	--	6.7	85	--	--
10	1420	20	112	625	7.1	26.7	--	6.6	84	--	--
10	1420	23	112	628	7.1	26.7	--	6.7	85	--	--
10	1421	25	112	626	7.1	26.7	--	6.6	84	--	--

Table 19.--Water-quality data for station 391447081414201, Ohio River, at river mile 192.9 (June to October 1991)--continued.

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; µg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (µg/L)	Pheophytin (µg/L)
September											
10	1425	0.5	338	625	7.1	26.9	--	6.6	84	--	--
10	1425	3.3	338	626	7.1	26.9	--	6.6	84	--	--
10	1426	6.6	338	624	7.1	26.9	--	6.6	84	--	--
10	1426	9.8	338	625	7.1	26.7	--	6.5	82	--	--
10	1426	13	338	625	7.1	26.7	--	6.5	82	--	--
10	1427	16	338	625	7.1	26.7	--	6.5	82	--	--
10	1427	20	338	625	7.1	26.7	--	6.5	82	--	--
10	1427	23	338	626	7.1	26.7	--	6.6	84	--	--
10	1428	26	338	625	7.1	26.7	--	6.6	84	--	--
10	1428	29	338	626	7.1	26.7	--	6.5	82	--	--
10	1432	.5	564	626	7.1	27.0	5.5	6.7	85	.1	.6
10	1432	3.3	564	626	7.1	26.9	--	6.6	84	--	--
10	1433	6.6	564	626	7.1	26.8	--	6.5	82	--	--
10	1433	9.8	564	628	7.1	26.7	--	6.5	82	--	--
10	1433	13	564	628	7.1	26.7	--	6.5	82	--	--
10	1434	16	564	627	7.1	26.7	--	6.5	82	.2	.5
10	1434	20	564	628	7.1	26.7	--	6.5	82	--	--
10	1434	23	564	626	7.1	26.7	--	6.5	82	--	--
10	1435	26	564	627	7.1	26.7	--	6.5	82	--	--
10	1435	30	564	623	7.1	26.7	--	6.5	82	--	--
10	1436	33	564	624	7.1	26.7	--	6.5	82	<.1	.2
10	1436	36	564	624	7.1	26.7	--	6.4	81	--	--
10	1445	.5	787	628	7.1	26.9	--	6.7	85	--	--
10	1445	3.3	787	628	7.1	26.9	--	6.7	85	--	--
10	1446	6.6	787	626	7.1	26.8	--	6.6	84	--	--
10	1446	9.8	787	626	7.1	26.7	--	6.6	84	--	--
10	1446	13	787	626	7.1	26.7	--	6.6	84	--	--
10	1447	16	787	625	7.1	26.7	--	6.6	84	--	--
10	1447	20	787	627	7.1	26.7	--	6.6	84	--	--
10	1447	23	787	624	7.1	26.7	--	6.6	84	--	--
10	1448	26	787	617	7.1	26.7	--	6.5	82	--	--
10	1448	28	787	619	7.1	26.7	--	6.5	82	--	--
10	1451	.5	1,014	626	7.2	27.0	--	7.0	89	--	--
10	1451	3.3	1,014	627	7.2	27.0	--	6.9	88	--	--
10	1452	6.6	1,014	629	7.1	26.9	--	6.8	86	--	--
10	1452	9.8	1,014	627	7.1	26.8	--	6.7	85	--	--
10	1452	13	1,014	627	7.1	26.7	--	6.7	85	--	--
10	1453	16	1,014	624	7.1	26.7	--	6.6	84	--	--

Table 19.--Water-quality data for station 391447081414201, Ohio River, at river mile 192.9 (June to October 1991)--continued.

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
September											
10	1453	20	1,014	625	7.1	26.7	--	6.6	84	--	--
10	1453	23	1,014	625	7.1	26.7	--	6.6	84	--	--
10	1454	26	1,014	624	7.1	26.7	--	6.6	84	--	--
16	1908	.5	112	679	8.3	28.1	--	10.9	142	--	--
16	1908	3.3	112	680	8.1	28.1	--	10.5	137	--	--
16	1909	6.6	112	682	7.9	28.0	--	9.7	126	--	--
16	1909	9.8	112	684	7.5	27.9	--	8.6	112	--	--
16	1909	13	112	686	7.2	27.4	--	6.2	80	--	--
16	1910	16	112	686	7.1	27.2	--	6.0	77	--	--
16	1910	20	112	689	7.1	27.2	--	5.9	76	--	--
16	1910	23	112	685	7.1	27.2	--	5.9	76	--	--
16	1911	24	112	685	7.1	27.2	--	5.9	76	--	--
16	1916	.5	338	682	8.1	28.0	--	10.5	137	--	--
16	1916	3.3	338	682	8.1	28.0	--	10.3	134	--	--
16	1917	6.6	338	685	7.6	27.8	--	8.8	114	--	--
16	1917	9.8	338	688	7.4	27.7	--	7.9	102	--	--
16	1917	13	338	689	7.2	27.3	--	6.3	81	--	--
16	1918	16	338	690	7.1	27.2	--	6.0	77	--	--
16	1918	20	338	687	7.1	27.2	--	6.0	77	--	--
16	1918	23	338	692	7.1	27.2	--	6.0	77	--	--
16	1919	26	338	689	7.1	27.2	--	6.0	77	--	--
16	1919	30	338	689	7.1	27.2	--	5.9	76	--	--
16	1924	.5	564	684	7.7	27.8	--	9.1	118	1.3	1.5
16	1924	3.3	564	686	7.5	27.7	--	8.0	104	--	--
16	1925	6.6	564	688	7.3	27.5	--	7.1	92	--	--
16	1925	9.8	564	689	7.2	27.3	--	6.4	82	--	--
16	1925	13	564	687	7.1	27.3	--	6.1	78	--	--
16	1926	16	564	687	7.1	27.2	--	6.1	78	--	--
16	1926	20	564	687	7.1	27.2	--	6.1	78	.4	.7
16	1926	23	564	687	7.1	27.2	--	6.1	78	--	--
16	1927	26	564	687	7.1	27.2	--	6.1	78	--	--
16	1927	30	564	687	7.1	27.2	--	6.1	78	--	--
16	1928	33	564	687	7.1	27.2	--	6.0	77	.2	.5
16	1937	.5	787	685	7.5	27.6	--	8.4	109	--	--
16	1937	3.3	787	687	7.5	27.7	--	8.3	107	--	--
16	1938	6.6	787	686	7.4	27.6	--	7.6	98	--	--
16	1938	9.8	787	688	7.2	27.4	--	6.7	86	--	--

Table 19.--Water-quality data for station 391447081414201, Ohio River, at river mile 192.9 (June to October 1991)--continued.

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
September											
16	1938	13	787	686	7.2	27.3	--	6.5	84	--	--
16	1939	16	787	690	7.2	27.3	--	6.3	81	--	--
16	1939	20	787	688	7.2	27.2	--	6.2	80	--	--
16	1939	23	787	687	7.2	27.2	--	6.2	80	--	--
16	1940	26	787	687	7.1	27.2	--	6.2	80	--	--
16	1940	29	787	687	7.1	27.2	--	6.1	78	--	--
16	1945	.5	1,014	685	7.5	27.6	--	8.4	109	--	--
16	1945	3.3	1,014	685	7.5	27.6	--	8.3	107	--	--
16	1946	6.6	1,014	685	7.4	27.6	--	8.2	106	--	--
16	1946	9.8	1,014	684	7.4	27.6	--	8.0	103	--	--
16	1946	13	1,014	685	7.3	27.5	--	7.0	90	--	--
16	1947	16	1,014	686	7.2	27.4	--	6.7	86	--	--
16	1947	20	1,014	687	7.2	27.3	--	6.5	84	--	--
16	1947	23	1,014	687	7.2	27.3	--	6.4	82	--	--
16	1948	26	1,014	686	7.2	27.3	--	6.2	80	--	--
16	1948	28	1,014	686	6.1	27.2	--	7.1	91	--	--
October											
22	1337	.5	112	682	7.4	16.9	--	7.3	76	--	--
22	1337	3.3	112	684	7.4	16.8	--	7.4	77	--	--
22	1338	6.6	112	682	7.3	16.3	--	7.4	76	--	--
22	1338	9.8	112	683	7.3	16.3	--	7.2	74	--	--
22	1338	13	112	683	7.3	16.2	--	7.2	74	--	--
22	1339	16	112	683	7.3	16.2	--	7.2	74	--	--
22	1339	20	112	683	7.3	16.2	--	7.2	74	--	--
22	1339	23	112	683	7.3	16.2	--	7.1	73	--	--
22	1342	.5	338	682	7.3	16.8	--	7.3	76	--	--
22	1342	3.3	338	682	7.3	16.7	--	7.3	76	--	--
22	1343	6.6	338	681	7.3	16.2	--	7.2	74	--	--
22	1343	9.8	338	684	7.3	16.2	--	7.2	74	--	--
22	1343	13	338	686	7.3	16.2	--	7.2	74	--	--
22	1344	16	338	682	7.3	16.2	--	7.2	74	--	--
22	1344	20	338	682	7.3	16.2	--	7.1	73	--	--
22	1344	23	338	683	7.3	16.2	--	7.1	74	--	--
22	1345	26	338	684	7.3	16.2	--	7.1	73	--	--
22	1345	29	338	684	7.3	16.2	--	7.1	73	--	--
22	1350	.5	564	682	7.3	16.8	6.5	7.3	76	<.1	<.1
22	1350	3.3	564	683	7.3	16.7	--	7.3	76	--	--
22	1351	6.6	564	684	7.3	16.3	--	7.3	75	--	--

Table 19.--Water-quality data for station 391447081414201, Ohio River, at river mile 192.9 (June to October 1991)--continued.

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
October											
22	1351	9.8	564	684	7.3	16.2	--	7.2	74	--	--
22	1351	13	564	684	7.3	16.2	--	7.2	74	--	--
22	1352	16	564	683	7.3	16.2	--	7.2	74	<.1	.2
22	1352	20	564	682	7.3	16.2	--	7.1	73	--	--
22	1352	23	564	682	7.3	16.2	--	7.1	73	--	--
22	1353	26	564	681	7.3	16.2	--	7.1	73	--	--
22	1353	30	564	681	7.3	16.1	--	7.1	73	--	--
22	1354	33	564	681	7.3	16.1	--	7.1	73	<.1	.2
22	1354	36	564	681	7.3	16.1	--	7.1	73	--	--
22	1359	.5	787	682	7.4	17.0	--	7.3	76	--	--
22	1359	3.3	787	682	7.3	16.8	--	7.3	76	--	--
22	1400	6.6	787	684	7.3	16.4	--	7.3	75	--	--
22	1400	9.8	787	682	7.3	16.3	--	7.2	74	--	--
22	1400	13	787	682	7.3	16.2	--	7.2	74	--	--
22	1401	16	787	683	7.3	16.2	--	7.2	74	--	--
22	1401	20	787	684	7.3	16.2	--	7.2	74	--	--
22	1401	23	787	683	7.3	16.2	--	7.2	74	--	--
22	1402	26	787	681	7.3	16.1	--	7.1	73	--	--
22	1402	28	787	681	7.3	16.1	--	7.1	73	--	--
22	1407	.5	1,014	683	7.4	17.2	--	7.4	77	--	--
22	1407	3.3	1,014	683	7.4	16.9	--	7.4	77	--	--
22	1408	6.6	1,014	681	7.4	16.3	--	7.4	76	--	--
22	1408	9.8	1,014	681	7.4	16.2	--	7.3	75	--	--
22	1408	13	1,014	681	7.4	16.2	--	7.3	74	--	--
22	1409	16	1,014	681	7.3	16.2	--	7.2	74	--	--
22	1409	20	1,014	681	7.3	16.2	--	7.2	74	--	--
22	1409	23	1,014	681	7.3	16.2	--	7.2	74	--	--
22	1410	24	1,014	680	7.3	16.2	--	7.2	74	--	--

Table 20.--Water-quality data for station 391407081412701, Ohio River, at river mile 193.6 (June to October 1991).

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
June											
20	2020	3.3	551	515	7.7	28.5	--	7.8	101	--	--
July											
19	1403	3.3	551	644	7.8	29.4	--	8.9	119	--	--
19	1403	20	551	643	7.5	29.1	--	7.2	96	--	--
19	1404	36	551	644	7.4	28.9	--	6.7	89	--	--
24	1816	3.3	551	610	7.3	30.4	--	7.0	95	--	--
24	1816	20	551	609	7.1	29.8	--	5.8	78	--	--
24	1817	39	551	607	7.1	29.7	--	5.6	75	--	--
August											
08	1906	3.3	551	660	7.4	29.3	--	8.5	112	--	--
08	1906	16	551	658	7.0	28.1	--	5.9	76	--	--
08	1907	30	551	658	7.0	28.0	--	5.7	74	--	--
09	1206	3.3	551	670	7.1	28.0	--	6.3	81	--	--
09	1206	20	551	673	7.1	28.0	--	6.3	81	--	--
09	1207	36	551	673	7.1	28.0	--	6.3	81	--	--
20	1329	3.3	551	648	7.2	27.2	--	6.5	84	--	--
20	1329	20	551	647	7.1	27.2	--	6.3	81	--	--
20	1330	39	551	642	7.1	27.2	--	6.0	77	--	--
September											
10	1408	3.3	551	626	7.1	26.8	5.0	7.9	100	--	--
10	1408	20	551	627	7.1	26.6	--	7.8	99	--	--
10	1409	39	551	626	7.1	26.6	--	7.7	97	--	--
16	1844	3.3	551	679	7.8	27.8	4.5	9.2	119	--	--
16	1844	20	551	682	7.2	27.2	--	6.1	78	--	--
16	1845	38	551	682	7.1	27.2	--	6.0	77	--	--
October											
22	1313	3.3	551	679	7.5	16.3	--	7.4	76	--	--
22	1313	20	551	679	7.4	16.1	--	7.3	75	--	--
22	1314	36	551	679	7.4	16.1	--	7.3	75	--	--

Table 21.--Water-quality data for station 391351081412201, Ohio River, at river mile 194.0 (June to October 1991).

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
June											
20	2023	3.3	606	511	7.7	28.5	--	7.8	101	--	--
July											
19	1505	3.3	606	643	7.7	29.3	--	8.5	113	--	--
19	1505	20	606	643	7.5	29.0	--	7.3	97	--	--
19	1506	33	606	645	7.4	29.9	--	7.2	97	--	--
24	1811	3.3	606	608	7.3	30.4	--	7.2	98	--	--
24	1811	18	606	607	7.1	29.9	--	5.9	79	--	--
24	1812	33	606	607	7.1	29.8	--	5.6	75	--	--
August											
09	1200	3.3	606	664	7.1	28.0	--	6.4	83	--	--
09	1200	16	606	665	7.1	28.0	--	6.2	80	--	--
09	1201	30	606	665	7.1	28.0	--	6.2	80	--	--
20	1321	3.3	606	646	7.2	27.2	--	6.3	81	--	--
20	1321	16	606	646	7.1	27.1	--	6.2	80	--	--
20	1322	33	606	643	7.1	27.1	--	6.1	78	--	--
September											
10	1403	3.3	606	620	7.1	26.7	5.0	8.0	101	--	--
10	1403	16	606	624	7.1	26.6	--	7.9	100	--	--
10	1404	33	606	625	7.1	26.6	--	7.8	99	--	--
16	1838	3.3	606	678	7.5	27.7	5.0	8.3	107	--	--
16	1838	18	606	679	7.2	27.2	--	6.1	78	--	--
16	1839	33	606	679	7.1	27.1	--	6.0	77	--	--
October											
22	1305	3.3	606	679	7.5	16.3	--	7.4	76	--	--
22	1305	20	606	679	7.4	16.2	--	7.4	76	--	--
22	1306	33	606	679	7.4	16.2	--	7.4	76	--	--

Table 22.--Water-quality data for station 391317081402701, Ohio River, at river mile 195.3 (June to October 1991).

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
June											
20	2029	3.3	567	506	7.9	28.5	--	8.4	109	--	--
July											
19	1526	3.3	567	646	7.8	29.5	--	8.9	119	--	--
19	1526	23	567	646	7.5	28.9	--	7.5	99	--	--
19	1527	43	567	647	7.5	28.9	--	7.2	95	--	--
24	1804	3.3	567	605	7.3	30.5	--	7.4	101	--	--
24	1804	21	567	604	7.2	30.1	--	6.2	84	--	--
24	1805	39	567	602	7.1	29.8	--	5.7	77	--	--
August											
09	1153	3.3	567	658	7.1	28.0	--	6.0	77	--	--
09	1153	20	567	658	7.1	28.0	--	5.8	75	--	--
09	1154	39	567	658	7.1	28.0	--	5.8	75	--	--
20	1313	3.3	567	651	7.1	27.2	--	6.3	81	--	--
20	1313	20	567	652	7.1	27.1	--	6.2	80	--	--
20	1314	39	567	654	7.1	27.1	--	5.8	74	--	--
September											
10	1356	3.3	567	634	7.2	26.7	5.0	8.2	104	.2	.8
10	1356	20	567	634	7.1	26.6	--	8.0	101	--	--
10	1357	43	567	634	7.1	26.6	--	8.0	101	--	--
16	1830	3.3	567	672	7.5	27.7	4.5	7.9	102	.9	2.0
16	1830	23	567	674	7.2	27.2	--	6.2	79	--	--
16	1831	44	567	674	7.1	27.4	--	6.1	78	--	--
October											
22	1300	3.3	567	685	7.5	16.7	--	7.5	77	--	--
22	1300	16	567	685	7.4	16.4	--	7.4	77	--	--
22	1301	39	567	687	7.4	16.4	--	7.3	75	--	--

Table 23.--Water-quality data for station 391302081425101, Ohio River, at river mile 195.8 (June to October 1991).

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
June											
20	2031	3.3	567	506	7.6	28.5	--	7.3	94	--	--
July											
19	1531	3.3	567	646	7.8	29.4	--	7.7	103	--	--
19	1531	23	567	647	7.5	28.9	--	6.5	86	--	--
19	1532	39	567	644	7.3	28.7	--	5.4	71	--	--
24	1759	3.3	567	603	7.4	30.6	--	7.6	104	--	--
24	1759	20	567	601	7.2	30.0	--	6.0	81	--	--
24	1800	36	567	601	7.1	29.8	--	5.7	77	--	--
August											
09	1147	3.3	567	657	7.1	28.0	--	6.0	77	--	--
09	1147	20	567	658	7.1	28.0	--	6.0	77	--	--
09	1148	36	567	661	7.1	28.0	--	5.9	76	--	--
20	1308	3.3	567	658	7.1	27.2	--	6.3	81	--	--
20	1308	20	567	656	7.1	27.1	--	6.2	80	--	--
20	1309	36	567	657	7.1	27.1	--	5.8	74	--	--
September											
10	1350	3.3	567	640	7.2	26.7	5.0	8.3	105	--	--
10	1350	18	567	639	7.1	26.6	--	8.1	102	--	--
10	1351	36	567	639	7.1	26.6	--	8.1	102	--	--
16	1823	3.3	567	670	7.3	27.6	5.0	7.2	93	--	--
16	1823	20	567	674	6.2	27.3	--	7.2	92	--	--
16	1824	38	567	669	7.1	27.2	--	6.0	77	--	--
October											
22	1253	3.3	567	687	7.5	16.6	--	7.5	78	--	--
22	1253	16	567	689	7.4	16.4	--	7.3	76	--	--
22	1254	36	567	688	7.4	16.4	--	7.3	76	--	--

Table 24.--Water-quality data for station 391146081440501, Ohio River, at river mile 197.9 (June to October 1991).

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
June											
20	2041	3.3	512	508	7.6	28.4	--	7.3	94	--	--
July											
19	1541	3.3	512	648	7.8	29.3	--	7.5	100	--	--
19	1541	23	512	648	7.5	28.9	--	6.3	83	--	--
19	1542	36	512	646	7.4	28.8	--	5.9	78	--	--
24	1749	3.3	512	602	7.6	30.8	--	8.3	114	--	--
24	1749	20	512	604	7.2	29.8	--	6.0	81	--	--
24	1750	39	512	601	7.1	29.7	--	5.9	79	--	--
August											
09	1137	3.3	--	663	7.2	28.1	--	6.5	84	--	--
09	1137	18	--	661	7.1	28.1	--	6.3	81	--	--
09	1138	36	--	662	7.1	28.0	--	6.2	80	--	--
20	1259	3.3	512	663	7.1	27.1	--	6.4	82	--	--
20	1259	16	512	662	7.1	27.1	--	6.2	80	--	--
20	1300	30	512	662	7.1	27.0	--	5.6	72	--	--
September											
10	1340	3.3	512	649	7.2	26.6	4.0	7.9	100	--	--
10	1340	15	512	649	7.2	26.6	--	7.9	100	--	--
10	1341	30	512	649	7.2	26.6	--	7.9	100	--	--
16	1811	3.3	512	664	7.3	27.6	4.5	7.4	95	--	--
16	1811	18	512	668	7.3	27.5	--	6.9	89	--	--
16	1812	33	512	668	7.2	27.2	--	6.6	85	--	--
October											
22	1245	3.3	512	689	7.5	16.8	--	7.5	78	--	--
22	1245	20	512	688	7.4	16.6	--	7.4	77	--	--
22	1246	33	512	688	7.4	16.6	--	7.3	75	--	--

Table 25.--Water-quality data for station 391049081451601, Ohio River, at river mile 199.5 (June to October 1991).

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; µg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (µg/L)	Pheophytin (µg/L)
June											
20	2047	3.3	528	513	7.3	28.5	--	7.7	99	--	--
July											
19	1652	3.3	528	644	7.9	29.3	--	8.1	108	--	--
19	1652	26	528	636	7.5	28.8	--	6.2	82	--	--
19	1653	56	528	625	7.5	26.9	--	4.3	55	--	--
24	1717	3.3	528	605	7.6	30.6	--	8.4	115	--	--
24	1717	23	528	608	7.2	29.8	--	6.4	86	--	--
24	1718	43	528	616	7.2	29.6	--	5.9	79	--	--
August											
09	1127	3.3	528	663	7.2	28.1	--	6.6	85	--	--
09	1127	25	528	661	7.1	28.0	--	6.3	81	--	--
09	1128	49	528	690	7.3	27.1	--	5.3	67	--	--
20	1234	3.3	518	655	7.1	27.1	--	6.1	78	--	--
20	1234	20	518	655	7.1	27.0	--	5.9	76	--	--
20	1235	39	518	667	7.2	26.6	--	5.5	70	--	--
September											
10	1306	3.3	528	648	7.1	26.7	4.5	6.5	82	.1	.7
10	1306	26	528	652	7.1	26.7	--	6.5	82	--	--
10	1307	46	528	700	7.1	26.2	--	5.6	70	--	--
16	1742	3.3	528	662	7.4	27.7	4.5	7.3	94	.2	.4
16	1742	23	528	663	7.2	27.2	--	5.9	76	--	--
16	1743	46	528	707	7.3	26.5	--	5.2	66	--	--
October											
22	1155	3.3	528	679	7.5	17.0	--	7.6	80	--	--
22	1155	20	528	680	7.4	16.6	--	7.4	76	--	--
22	1156	39	528	695	7.4	16.3	--	7.3	75	--	--

Table 26.--Water-quality data for station 390901081421101, Ohio River, at river mile 201.6 (June to October 1991).

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
June											
20	2055	3.3	630	526	7.5	27.9	--	7.7	98	--	--
July											
19	1715	3.3	630	633	8.3	29.7	--	8.9	119	--	--
19	1715	20	630	622	7.5	28.6	--	6.0	79	--	--
19	1716	36	630	614	7.4	28.2	--	4.9	64	--	--
24	1702	3.3	630	617	7.4	30.0	--	7.9	107	--	--
24	1702	21	630	622	7.2	29.6	--	6.4	86	--	--
24	1703	36	630	623	7.2	29.5	--	6.0	80	--	--
August											
09	1117	3.3	630	662	7.2	27.9	--	6.5	84	--	--
09	1117	18	630	661	7.2	27.9	--	6.3	81	--	--
09	1118	36	630	662	7.2	27.9	--	6.3	81	--	--
20	1220	3.3	630	653	7.1	27.3	--	6.0	77	--	--
20	1220	20	630	653	7.1	27.2	--	5.8	74	--	--
20	1221	36	630	638	7.1	27.0	--	5.7	73	--	--
September											
10	1300	3.3	630	644	7.1	26.5	4.0	6.2	78	--	--
10	1300	16	630	644	7.1	26.5	--	6.2	78	--	--
10	1301	36	630	640	7.1	26.5	--	6.2	78	--	--
16	1728	3.3	630	673	7.4	27.7	4.5	7.2	93	--	--
16	1728	16	630	672	6.0	27.1	--	7.2	92	--	--
16	1729	33	630	672	5.8	27.0	--	7.2	92	--	--
October											
22	1132	3.3	630	681	7.5	16.8	--	7.7	80	--	--
22	1132	16	630	682	7.5	16.5	--	7.5	78	--	--
22	1133	36	630	680	7.4	16.5	--	7.4	78	--	--

Table 27.--Water-quality data for station 390803081443501, Ohio River, at river mile 202.8 (June to October 1991).

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
June											
20	2100	0.5	112	530	7.8	28.1	--	7.7	99	--	--
20	2100	3.3	112	530	7.7	28.1	--	7.5	96	--	--
20	2101	6.6	112	530	7.7	28.0	--	7.4	95	--	--
20	2101	9.8	112	534	7.5	27.6	--	6.3	80	--	--
20	2101	11	112	535	7.4	27.5	--	6.0	76	--	--
20	2106	.5	338	532	7.8	28.1	--	7.6	97	--	--
20	2106	3.3	338	530	7.7	28.1	--	7.4	95	--	--
20	2107	6.6	338	530	7.6	28.0	--	6.9	88	--	--
20	2107	9.8	338	532	7.5	27.7	--	6.5	83	--	--
20	2107	13	338	536	7.4	27.5	--	5.9	75	--	--
20	2108	16	338	536	7.4	27.5	--	5.8	74	--	--
20	2108	20	338	536	7.4	27.4	--	5.7	72	--	--
20	2108	23	338	536	7.4	27.4	--	5.6	71	--	--
20	2109	26	338	535	7.4	27.3	--	5.4	68	--	--
20	2109	30	338	535	7.4	27.2	--	5.4	68	--	--
20	2110	33	338	535	7.3	27.1	--	5.2	65	--	--
20	2120	.5	564	528	7.9	28.2	--	7.6	98	--	--
20	2120	3.3	564	528	7.8	28.2	--	7.4	95	--	--
20	2121	6.6	564	531	7.6	27.9	--	6.8	87	--	--
20	2121	9.8	564	532	7.5	27.8	--	6.4	82	--	--
20	2121	13	564	534	7.5	27.7	--	6.1	78	--	--
20	2122	16	564	536	7.4	27.5	--	5.7	72	--	--
20	2122	20	564	535	7.4	27.3	--	5.5	69	--	--
20	2122	23	564	535	7.4	27.3	--	5.4	68	--	--
20	2123	26	564	536	7.4	27.2	--	5.3	67	--	--
20	2123	30	564	536	7.3	27.2	--	5.3	67	--	--
20	2124	33	564	535	7.3	27.2	--	5.2	66	--	--
20	2124	33	564	534	7.3	27.2	--	5.1	64	--	--
20	2131	.5	787	528	7.8	28.1	--	7.7	98	--	--
20	2131	3.3	787	528	7.8	28.1	--	7.3	93	--	--
20	2132	6.6	787	531	7.7	28.0	--	6.8	86	--	--
20	2132	9.8	787	533	7.6	27.8	--	6.4	81	--	--
20	2132	13	787	535	7.5	27.7	--	5.9	75	--	--
20	2133	16	787	535	7.4	27.4	--	5.6	70	--	--
20	2133	20	787	536	7.4	27.4	--	5.5	69	--	--
20	2133	23	787	536	7.4	27.4	--	5.5	69	--	--
20	2134	26	787	535	7.4	27.3	--	5.4	68	--	--

Table 27.--Water-quality data for station 390803081443501, Ohio River, at river mile 202.8 (June to October 1991)--continued.

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; µg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (µg/L)	Pheophytin (µg/L)
June											
20	2134	30	787	535	7.4	27.3	--	5.4	68	--	--
20	2135	33	787	535	7.4	27.3	--	5.4	68	--	--
20	2135	36	787	532	7.3	27.1	--	5.1	64	--	--
20	2135	39	787	532	7.3	27.0	--	4.9	61	--	--
20	2136	43	787	531	7.2	26.9	--	4.8	60	--	--
20	2136	46	787	530	7.2	26.9	--	4.5	56	--	--
20	2136	48	787	531	7.2	26.8	--	4.4	55	--	--
20	2145	.5	1,014	529	7.8	28.1	--	7.5	96	--	--
20	2145	3.3	1,014	529	7.7	28.1	--	7.4	95	--	--
20	2146	6.6	1,014	530	7.6	28.0	--	7.0	89	--	--
20	2146	9.8	1,014	533	7.6	27.8	--	6.4	81	--	--
20	2146	13	1,014	534	7.5	27.7	--	6.1	77	--	--
20	2147	16	1,014	536	7.4	27.5	--	5.7	72	--	--
20	2147	20	1,014	535	7.4	27.4	--	5.6	71	--	--
20	2147	23	1,014	536	7.4	27.4	--	5.5	69	--	--
20	2148	26	1,014	535	7.4	27.3	--	5.5	69	--	--
20	2148	30	1,014	535	7.4	27.3	--	5.3	67	--	--
20	2149	31	1,014	533	7.3	27.1	--	4.9	61	--	--
July											
19	1727	.5	112	626	8.2	29.8	--	9.6	129	--	--
19	1727	3.3	112	627	8.1	29.4	--	9.1	121	--	--
19	1728	6.6	112	625	7.8	28.9	--	8.0	106	--	--
19	1728	9.8	112	622	7.6	28.8	--	7.4	98	--	--
19	1728	13	112	622	7.6	28.7	--	7.3	96	--	--
19	1729	16	112	621	7.5	28.7	--	7.2	95	--	--
19	1729	20	112	619	7.5	28.6	--	7.0	92	--	--
19	1729	23	112	618	7.5	28.5	--	6.8	89	--	--
19	1730	26	112	617	7.5	28.5	--	6.7	88	--	--
19	1730	30	112	617	7.5	28.5	--	6.6	87	--	--
19	1731	33	112	616	7.4	28.4	--	6.3	83	--	--
19	1731	36	112	616	7.4	28.3	--	5.9	77	--	--
19	1731	39	112	615	7.3	28.3	--	5.6	73	--	--
19	1732	43	112	615	7.3	28.2	--	5.2	68	--	--
19	1737	.5	338	627	8.2	29.9	--	9.6	129	--	--
19	1737	3.3	338	627	8.1	29.5	--	9.2	123	--	--
19	1738	6.6	338	625	7.7	29.0	--	7.8	103	--	--
19	1738	9.8	338	625	7.6	28.8	--	7.4	98	--	--

Table 27.--Water-quality data for station 390803081443501, Ohio River, at river mile 202.8 (June to October 1991)--continued.

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
July											
19	1738	13	338	623	7.6	28.7	--	7.4	98	--	--
19	1739	16	338	616	7.5	28.6	--	6.8	89	--	--
19	1739	20	338	619	7.5	28.6	--	6.5	86	--	--
19	1739	23	338	611	7.4	28.5	--	6.3	83	--	--
19	1740	26	338	615	7.4	28.4	--	5.9	77	--	--
19	1740	30	338	617	7.4	28.4	--	6.1	80	--	--
19	1745	.5	564	627	8.2	29.9	--	9.6	129	--	--
19	1745	3.3	564	627	8.1	29.4	--	8.9	119	--	--
19	1746	6.6	564	626	7.7	28.9	--	7.9	104	--	--
19	1746	9.8	564	624	7.6	28.8	--	7.2	95	--	--
19	1746	13	564	624	7.5	28.8	--	7.1	94	--	--
19	1747	16	564	625	7.5	28.7	--	7.0	92	--	--
19	1747	20	564	624	7.5	28.7	--	6.8	90	--	--
19	1747	23	564	620	7.5	28.6	--	6.6	87	--	--
19	1748	26	564	620	7.4	28.5	--	6.4	84	--	--
19	1748	30	564	618	7.4	28.5	--	6.2	81	--	--
19	1749	33	564	616	7.4	28.4	--	6.0	79	--	--
19	1749	36	564	615	7.3	28.3	--	5.5	72	--	--
19	1749	38	564	615	7.3	28.2	--	5.5	72	--	--
19	1756	.5	787	623	7.7	29.0	--	7.5	99	--	--
19	1756	3.3	787	622	7.6	28.8	--	6.9	91	--	--
19	1757	6.6	787	622	7.6	28.8	--	7.0	92	--	--
19	1757	9.8	787	622	7.5	28.8	--	6.9	91	--	--
19	1757	13	787	621	7.5	28.8	--	7.0	92	--	--
19	1758	16	787	624	7.5	28.7	--	6.9	91	--	--
19	1758	20	787	621	7.5	28.8	--	6.9	91	--	--
19	1758	23	787	623	7.5	28.8	--	6.8	90	--	--
19	1759	26	787	623	7.5	28.7	--	6.6	87	--	--
19	1759	30	787	617	7.4	28.4	--	5.8	76	--	--
19	1800	33	787	616	7.3	28.3	--	5.4	71	--	--
19	1800	34	787	616	7.3	28.3	--	5.3	69	--	--
19	1808	.5	1,014	627	8.0	29.6	--	8.7	116	--	--
19	1808	3.3	1,014	626	7.9	29.5	--	8.4	112	--	--
19	1809	6.6	1,014	626	7.9	29.4	--	8.5	113	--	--
19	1809	9.8	1,014	626	7.9	29.3	--	8.5	113	--	--
19	1809	13	1,014	626	7.9	29.3	--	8.6	114	--	--

Table 27.--Water-quality data for station 390803081443501, Ohio River, at river mile 202.8 (June to October 1991)--continued.

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; µg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (µg/L)	Pheophytin (µg/L)
July											
19	1810	16	1,014	624	7.9	29.2	--	8.4	112	--	--
19	1810	20	1,014	630	7.8	29.1	--	8.3	110	--	--
19	1810	23	1,014	627	7.7	29.1	--	8.0	106	--	--
19	1811	26	1,014	621	7.7	29.1	--	7.8	103	--	--
24	1520	.5	112	621	7.5	30.9	--	7.5	102	--	--
24	1520	3.3	112	622	7.5	30.9	--	7.5	102	--	--
24	1521	6.6	112	622	7.4	30.3	--	6.9	93	--	--
24	1521	9.8	112	621	7.3	29.7	--	6.3	84	--	--
24	1521	11	112	621	7.3	29.7	--	6.3	84	--	--
24	1527	.5	338	621	7.6	30.9	--	7.7	105	--	--
24	1527	3.3	338	621	7.5	30.8	--	7.7	105	--	--
24	1528	6.6	338	621	7.5	30.5	--	7.4	100	--	--
24	1528	9.8	338	622	7.3	29.8	--	6.5	87	--	--
24	1528	13	338	622	7.3	29.6	--	6.1	81	--	--
24	1529	16	338	623	7.2	29.6	--	5.9	79	--	--
24	1529	20	338	620	7.2	29.6	--	5.9	79	--	--
24	1529	23	338	619	7.2	29.6	--	5.9	79	--	--
24	1530	26	338	623	7.2	29.5	--	5.8	77	--	--
24	1530	30	338	625	7.2	29.5	--	5.8	77	--	--
24	1531	33	338	621	7.2	29.5	--	5.8	77	--	--
24	1531	36	338	622	7.2	29.5	--	5.8	77	--	--
24	1531	39	338	622	7.2	29.5	--	5.8	77	--	--
24	1544	.5	564	621	7.6	31.0	--	7.9	108	--	--
24	1544	3.3	564	622	7.5	30.7	--	7.8	106	--	--
24	1545	6.6	564	621	7.5	30.3	--	7.5	101	--	--
24	1545	9.8	564	622	7.3	29.7	--	6.3	84	--	--
24	1545	13	564	622	7.2	29.6	--	6.1	81	--	--
24	1546	16	564	623	7.2	29.6	--	6.0	80	--	--
24	1546	20	564	622	7.2	29.6	--	6.0	80	--	--
24	1546	23	564	622	7.2	29.6	--	5.9	79	--	--
24	1547	26	564	622	7.2	29.6	--	5.9	79	--	--
24	1547	30	564	622	7.2	29.5	--	5.8	77	--	--
24	1548	33	564	622	7.2	29.5	--	5.8	77	--	--
24	1548	36	564	622	7.2	29.5	--	5.8	77	--	--
24	1548	39	564	622	7.2	29.5	--	5.8	77	--	--

Table 27.--Water-quality data for station 390803081443501, Ohio River, at river mile 202.8 (June to October 1991)--continued.

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
July											
24	1603	0.5	787	621	7.6	31.0	--	8.1	111	--	--
24	1603	3.3	787	621	7.6	30.6	--	8.3	113	--	--
24	1604	6.6	787	621	7.5	30.1	--	7.7	104	--	--
24	1604	9.8	787	620	7.4	30.0	--	7.3	98	--	--
24	1604	13	787	622	7.3	29.8	--	6.7	90	--	--
24	1605	16	787	621	7.3	29.7	--	6.2	83	--	--
24	1605	20	787	622	7.2	29.6	--	6.1	82	--	--
24	1605	23	787	622	7.2	29.6	--	6.2	83	--	--
24	1606	26	787	622	7.2	29.6	--	6.0	80	--	--
24	1606	30	787	622	7.2	29.6	--	6.0	80	--	--
24	1607	33	787	622	7.2	29.6	--	5.9	79	--	--
24	1607	36	787	622	7.2	29.6	--	5.9	79	--	--
24	1607	39	787	622	7.2	29.6	--	5.9	79	--	--
24	1608	43	787	622	7.2	29.6	--	5.9	79	--	--
24	1608	46	787	622	7.2	29.6	--	5.9	79	--	--
24	1618	.5	1,014	622	7.5	31.0	--	7.8	107	--	--
24	1618	3.3	1,014	622	7.6	30.9	--	7.8	107	--	--
24	1619	6.6	1,014	622	7.5	30.9	--	7.8	107	--	--
24	1619	9.8	1,014	621	7.5	30.4	--	7.6	103	--	--
24	1619	13	1,014	621	7.4	30.0	--	6.9	93	--	--
24	1620	16	1,014	623	7.3	29.8	--	6.5	87	--	--
24	1620	20	1,014	622	7.2	29.7	--	6.2	83	--	--
24	1620	23	1,014	622	7.2	29.7	--	6.2	83	--	--
24	1621	26	1,014	622	7.2	29.6	--	6.1	82	--	--
24	1621	30	1,014	622	7.2	29.6	--	6.1	82	--	--
24	1622	33	1,014	622	7.2	29.6	--	6.0	80	--	--
24	1622	36	1,014	622	7.2	29.6	--	6.0	80	--	--
24	1622	39	1,014	622	7.2	29.6	--	5.9	79	--	--
24	1623	41	1,014	622	7.2	29.6	--	5.8	78	--	--
August											
09	1024	.5	112	659	7.2	27.8	--	6.6	86	--	--
09	1024	3.3	112	660	7.2	27.8	--	6.5	85	--	--
09	1025	6.6	112	660	7.2	27.8	--	6.5	85	--	--
09	1025	9.8	112	659	7.2	27.8	--	6.5	85	--	--
09	1025	11	112	659	7.2	27.8	--	6.4	83	--	--
09	1030	.5	338	659	7.2	27.8	--	6.5	85	--	--
09	1030	3.3	338	660	7.2	27.9	--	6.5	85	--	--

Table 27.--Water-quality data for station 390803081443501, Ohio River, at river mile 202.8 (June to October 1991)--continued.

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; µg/L = micrograms per liter; -- = data not collected; < = less than]

Date	Time	Sampling depth (ft)	Sample location (ft from left bank)	Specific conduct-ance (µS/cm)	pH (stan-dard units)	Temper-ature, water (°C)	Trans-parency (Secchi disk) (ft)	Dissolved oxygen (mg/L)	Dissolved oxygen (percent satura-tion)	Chloro-phyll-*a* (µg/L)	Pheo-phytin (µg/L)
August											
09	1031	6.6	338	656	7.2	27.9	--	6.5	85	--	--
09	1031	9.8	338	656	7.2	27.9	--	6.5	85	--	--
09	1031	13	338	659	7.2	27.9	--	6.5	85	--	--
09	1032	16	338	659	7.2	27.9	--	6.5	85	--	--
09	1032	20	338	659	7.2	27.9	--	6.5	85	--	--
09	1032	23	338	658	7.2	27.8	--	6.5	85	--	--
09	1033	26	338	658	7.2	27.8	--	6.5	85	--	--
09	1033	30	338	658	7.2	27.8	--	6.5	85	--	--
09	1034	33	338	658	7.2	27.8	--	6.5	85	--	--
09	1034	36	338	658	7.2	27.8	--	6.5	85	--	--
09	1034	39	338	658	7.2	27.8	--	6.5	85	--	--
09	1035	43	338	658	7.2	27.8	--	6.5	85	--	--
09	1035	44	338	658	7.2	27.8	--	6.5	85	--	--
09	1042	.5	564	659	7.2	27.9	--	6.5	85	--	--
09	1042	3.3	564	659	7.2	27.9	--	6.4	83	--	--
09	1043	6.6	564	658	7.2	27.9	--	6.4	83	--	--
09	1043	9.8	564	658	7.2	27.9	--	6.4	83	--	--
09	1043	13	564	657	7.2	27.8	--	6.5	85	--	--
09	1044	16	564	659	7.2	27.9	--	6.5	85	--	--
09	1044	20	564	659	7.2	27.9	--	6.5	85	--	--
09	1044	23	564	656	7.2	27.9	--	6.5	85	--	--
09	1045	26	564	657	7.2	27.9	--	6.5	85	--	--
09	1045	30	564	657	7.2	27.9	--	6.5	85	--	--
09	1046	33	564	655	7.2	27.9	--	6.5	85	--	--
09	1046	36	564	659	7.2	27.9	--	6.4	83	--	--
09	1046	36	564	658	7.2	27.9	--	6.4	83	--	--
09	1053	.5	787	659	7.2	27.9	--	6.4	83	--	--
09	1053	3.3	787	659	7.2	27.9	--	6.4	83	--	--
09	1054	6.6	787	659	7.2	27.9	--	5.9	77	--	--
09	1054	9.8	787	659	7.2	27.9	--	5.8	76	--	--
09	1054	13	787	659	7.2	27.9	--	5.8	76	--	--
09	1055	16	787	659	7.2	27.9	--	5.8	76	--	--
09	1055	20	787	660	7.2	27.9	--	5.9	77	--	--
09	1055	23	787	660	7.2	27.9	--	5.6	73	--	--
09	1056	26	787	657	7.2	27.9	--	5.8	76	--	--
09	1056	30	787	658	7.2	27.9	--	5.5	72	--	--
09	1057	32	787	650	7.2	27.9	--	5.5	72	--	--

Table 27.--Water-quality data for station 390803081443501, Ohio River, at river mile 202.8 (June to October 1991)--continued.

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; µg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (µg/L)	Pheophytin (µg/L)
August											
09	1105	0.5	1,014	661	7.2	27.9	--	6.4	83	--	--
09	1105	3.3	1,014	659	7.2	27.9	--	6.4	83	--	--
09	1106	6.6	1,014	659	7.2	27.9	--	6.3	82	--	--
09	1106	9.8	1,014	659	7.2	27.9	--	6.4	83	--	--
09	1106	13	1,014	659	7.2	27.9	--	6.4	83	--	--
09	1107	16	1,014	659	7.2	27.9	--	6.4	83	--	--
09	1107	20	1,014	660	7.2	27.9	--	6.3	82	--	--
09	1107	23	1,014	660	7.2	27.9	--	6.3	82	--	--
09	1108	26	1,014	660	7.1	27.9	--	6.2	81	--	--
20	1109	.5	112	652	7.1	27.2	--	6.1	78	--	--
20	1109	3.3	112	654	7.1	27.2	--	6.2	80	--	--
20	1110	6.6	112	651	7.1	27.2	--	6.2	80	--	--
20	1110	9.8	112	652	7.1	27.2	--	6.2	80	--	--
20	1110	13	112	652	7.1	27.2	--	6.0	77	--	--
20	1112	.5	338	650	7.1	27.2	--	6.2	80	--	--
20	1112	3.3	338	653	7.1	27.2	--	6.1	78	--	--
20	1113	6.6	338	653	7.1	27.2	--	6.2	80	--	--
20	1113	9.8	338	653	7.1	27.2	--	6.1	78	--	--
20	1113	13	338	653	7.1	27.2	--	6.1	78	--	--
20	1114	16	338	653	7.1	27.2	--	6.1	78	--	--
20	1114	20	338	653	7.1	27.2	--	6.1	78	--	--
20	1114	23	338	653	7.1	27.2	--	6.1	78	--	--
20	1115	26	338	653	7.1	27.2	--	6.1	78	--	--
20	1115	30	338	653	7.1	27.2	--	6.1	78	--	--
20	1116	33	338	653	7.1	27.2	--	6.1	78	--	--
20	1116	36	338	653	7.1	27.2	--	6.0	77	--	--
20	1116	39	338	653	7.1	27.2	--	6.0	77	--	--
20	1117	41	338	653	7.1	27.2	--	6.0	77	--	--
20	1124	.5	564	652	7.1	27.2	--	6.2	80	--	--
20	1124	3.3	564	652	7.1	27.2	--	6.2	80	--	--
20	1125	6.6	564	652	7.1	27.3	--	6.1	79	--	--
20	1125	9.8	564	652	7.1	27.3	--	6.1	79	--	--
20	1125	13	564	652	7.1	27.3	--	6.1	79	--	--
20	1126	16	564	651	7.1	27.3	--	6.1	79	--	--
20	1126	20	564	651	7.1	27.2	--	6.1	78	--	--
20	1126	23	564	653	7.1	27.2	--	6.0	77	--	--

Table 27.--Water-quality data for station 390803081443501, Ohio River, at river mile 202.8 (June to October 1991)--continued.

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; µg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (µg/L)	Pheophytin (µg/L)
August											
20	1127	26	564	654	7.1	27.2	--	6.0	77	--	--
20	1127	30	564	648	7.1	27.2	--	6.0	77	--	--
20	1128	33	564	650	7.1	27.2	--	6.0	77	--	--
20	1128	36	564	648	7.1	27.2	--	5.9	76	--	--
20	1128	36	564	650	7.1	27.2	--	5.9	76	--	--
20	1132	.5	787	651	7.1	27.3	--	6.2	80	--	--
20	1132	3.3	787	651	7.1	27.3	--	6.2	80	--	--
20	1133	6.6	787	651	7.1	27.3	--	6.1	79	--	--
20	1133	9.8	787	651	7.1	27.3	--	6.1	79	--	--
20	1133	13	787	650	7.1	27.3	--	6.1	79	--	--
20	1134	16	787	649	7.1	27.2	--	6.0	77	--	--
20	1134	20	787	648	7.1	27.2	--	6.0	77	--	--
20	1134	23	787	649	7.1	27.2	--	6.0	77	--	--
20	1135	26	787	648	7.1	27.2	--	6.0	77	--	--
20	1135	30	787	648	7.1	27.2	--	6.0	77	--	--
20	1136	33	787	649	7.1	27.2	--	5.9	76	--	--
20	1136	34	787	650	7.1	27.2	--	5.9	76	--	--
20	1140	.5	1,014	653	7.1	27.2	--	6.2	80	--	--
20	1140	3.3	1,014	653	7.1	27.3	--	6.2	80	--	--
20	1141	6.6	1,014	653	7.1	27.3	--	6.1	79	--	--
20	1141	9.8	1,014	653	7.1	27.3	--	6.1	79	--	--
20	1141	13	1,014	653	7.1	27.3	--	6.1	79	--	--
20	1142	16	1,014	653	7.1	27.3	--	6.2	80	--	--
20	1142	20	1,014	652	7.1	27.3	--	6.2	80	--	--
20	1142	23	1,014	658	7.1	27.3	--	6.2	80	--	--
20	1143	26	1,014	652	7.1	27.2	--	6.1	78	--	--
20	1143	29	1,014	652	7.1	27.2	--	5.5	71	--	--
September											
10	1115	.5	112	649	7.2	26.6	--	6.3	80	--	--
10	1115	3.3	112	649	7.2	26.6	--	6.3	80	--	--
10	1116	6.6	112	649	7.2	26.6	--	6.3	80	--	--
10	1116	9.8	112	649	7.2	26.6	--	6.2	78	--	--
10	1116	12	112	649	7.2	26.6	--	6.1	77	--	--
10	1200	.5	338	648	7.2	26.6	--	6.3	80	--	--
10	1200	3.3	338	648	7.2	26.6	--	6.3	80	--	--
10	1201	6.6	338	648	7.2	26.6	--	6.3	80	--	--

Table 27.--Water-quality data for station 390803081443501, Ohio River, at river mile 202.8 (June to October 1991)--continued.

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
September											
10	1201	9.8	338	648	7.2	26.6	--	6.2	78	--	--
10	1201	13	338	648	7.2	26.6	--	6.2	78	--	--
10	1202	16	338	646	7.2	26.6	--	6.2	78	--	--
10	1202	20	338	648	7.2	26.6	--	6.2	78	--	--
10	1202	23	338	650	7.2	26.6	--	6.2	78	--	--
10	1203	26	338	648	7.2	26.6	--	6.1	77	--	--
10	1204	.5	564	648	7.2	26.6	--	6.3	80	--	--
10	1204	3.3	564	647	7.2	26.6	--	6.3	80	--	--
10	1205	6.6	564	646	7.2	26.6	--	6.3	80	--	--
10	1205	9.8	564	650	7.2	26.6	--	6.3	80	--	--
10	1205	13	564	648	7.2	26.6	--	6.2	78	--	--
10	1206	16	564	647	7.2	26.6	--	6.2	78	--	--
10	1206	20	564	647	7.2	26.6	--	6.2	78	--	--
10	1206	23	564	646	7.2	26.6	--	6.2	78	--	--
10	1207	26	564	646	7.2	26.6	--	6.2	78	--	--
10	1207	30	564	646	7.2	26.6	--	6.2	78	--	--
10	1208	33	564	646	7.2	26.6	--	6.2	78	--	--
10	1208	36	564	646	7.2	26.6	--	6.1	77	--	--
10	1208	38	564	646	7.2	26.6	--	6.1	77	--	--
10	1210	.5	787	645	7.2	26.5	--	6.3	79	--	--
10	1210	3.3	787	645	7.2	26.6	--	6.3	80	--	--
10	1211	6.6	787	645	7.2	26.6	--	6.3	80	--	--
10	1211	9.8	787	645	7.2	26.6	--	6.3	80	--	--
10	1211	13	787	645	7.2	26.6	--	6.2	78	--	--
10	1212	16	787	645	7.2	26.6	--	6.2	78	--	--
10	1212	20	787	645	7.2	26.6	--	6.2	78	--	--
10	1212	23	787	645	7.2	26.6	--	6.1	77	--	--
10	1213	26	787	645	7.2	26.6	--	6.1	77	--	--
10	1213	30	787	645	7.2	26.6	--	6.1	77	--	--
10	1215	.5	1,014	646	7.2	26.6	--	6.2	78	--	--
10	1215	3.3	1,014	646	7.2	26.6	--	6.3	80	--	--
10	1216	6.6	1,014	647	7.2	26.6	--	6.3	80	--	--
10	1216	9.8	1,014	646	7.2	26.6	--	6.2	78	--	--
10	1216	13	1,014	652	7.2	26.6	--	6.2	78	--	--
10	1217	16	1,014	651	7.2	26.6	--	6.2	78	--	--
10	1217	20	1,014	645	7.2	26.6	--	6.2	78	--	--

Table 27.--Water-quality data for station 390803081443501, Ohio River, at river mile 202.8 (June to October 1991)--continued.

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; µg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (µg/L)	Pheophytin (µg/L)
September											
16	1647	0.5	112	676	7.7	28.0	--	8.4	109	--	--
16	1647	3.3	112	676	7.6	28.0	--	8.3	108	--	--
16	1648	6.6	112	676	7.6	28.0	--	8.2	107	--	--
16	1648	9.8	112	676	7.5	27.8	--	7.6	98	--	--
16	1648	12	112	675	7.3	27.5	--	6.3	81	--	--
16	1654	.5	338	675	7.5	27.9	--	7.9	103	--	--
16	1654	3.3	338	676	7.4	27.8	--	7.5	97	--	--
16	1655	6.6	338	675	7.4	27.6	--	7.0	90	--	--
16	1655	9.8	338	674	7.3	27.5	--	6.2	80	--	--
16	1655	13	338	674	7.2	27.1	--	6.0	77	--	--
16	1656	16	338	673	7.2	27.1	--	6.0	77	--	--
16	1656	20	338	674	7.2	27.1	--	5.9	75	--	--
16	1656	23	338	672	7.2	27.0	--	5.9	75	--	--
16	1657	26	338	671	7.2	27.0	--	5.8	74	--	--
16	1657	30	338	674	7.2	27.0	--	5.8	74	--	--
16	1658	33	338	675	7.2	27.0	--	5.8	74	--	--
16	1658	36	338	673	7.2	27.0	--	5.8	74	--	--
16	1658	36	338	674	7.2	27.0	--	5.7	73	--	--
16	1701	.5	564	675	7.4	27.7	--	7.3	94	--	--
16	1701	3.3	564	676	7.4	27.6	--	7.1	92	--	--
16	1702	6.6	564	676	7.4	27.5	--	7.1	92	--	--
16	1702	9.8	564	676	7.3	27.4	--	6.3	81	--	--
16	1702	13	564	675	7.2	27.1	--	6.1	78	--	--
16	1703	16	564	675	7.2	27.1	--	6.1	78	--	--
16	1703	20	564	674	7.2	27.1	--	6.0	77	--	--
16	1703	23	564	673	7.2	27.0	--	5.9	75	--	--
16	1704	26	564	674	7.2	27.0	--	5.8	74	--	--
16	1704	30	564	675	7.2	27.0	--	5.8	74	--	--
16	1705	33	564	678	7.2	27.0	--	5.8	74	--	--
16	1705	36	564	673	7.2	27.0	--	5.8	74	--	--
16	1705	37	564	673	7.2	27.0	--	5.7	73	--	--
16	1710	.5	787	676	7.5	27.8	--	7.6	98	--	--
16	1710	3.3	787	676	7.4	27.7	--	7.4	96	--	--
16	1711	6.6	787	676	7.0	27.7	--	7.4	96	--	--
16	1711	9.8	787	674	6.6	27.5	--	7.3	94	--	--
16	1711	13	787	673	6.3	27.3	--	7.3	94	--	--

Table 27.--Water-quality data for station 390803081443501, Ohio River, at river mile 202.8 (June to October 1991)--continued.

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; µg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (µg/L)	Pheophytin (µg/L)
September											
16	1712	16	787	674	6.0	27.1	--	7.2	92	--	--
16	1712	20	787	674	5.9	27.0	--	7.2	92	--	--
16	1712	23	787	676	5.9	27.0	--	7.2	92	--	--
16	1713	26	787	674	5.8	27.0	--	7.2	92	--	--
16	1713	30	787	674	5.8	27.0	--	7.2	92	--	--
16	1714	33	787	675	5.8	27.0	--	7.2	92	--	--
16	1714	36	787	675	5.8	27.0	--	7.2	92	--	--
16	1720	.5	1,014	675	7.5	27.8	--	7.6	98	--	--
16	1720	3.3	1,014	675	7.3	27.7	--	6.6	85	--	--
16	1721	6.6	1,014	674	7.3	27.2	--	6.4	82	--	--
16	1721	9.8	1,014	674	7.2	27.1	--	6.1	78	--	--
16	1721	13	1,014	674	7.2	27.1	--	6.0	77	--	--
16	1722	16	1,014	673	7.2	27.1	--	6.0	77	--	--
16	1722	20	1,014	674	7.2	27.1	--	6.0	77	--	--
16	1722	23	1,014	676	7.2	27.1	--	6.0	77	--	--
16	1723	26	1,014	674	7.2	27.1	--	5.9	75	--	--
16	1723	29	1,014	674	7.2	27.1	--	5.9	75	--	--
October											
22	1100	.5	112	679	7.4	16.8	--	7.6	79	--	--
22	1100	3.3	112	678	7.5	16.6	--	7.6	79	--	--
22	1101	6.6	112	678	7.5	16.6	--	7.5	78	--	--
22	1101	9.8	112	680	7.5	16.5	--	7.4	77	--	--
22	1101	11	112	678	7.4	16.5	--	7.4	77	--	--
22	1104	.5	338	679	7.5	16.7	--	7.6	78	--	--
22	1104	3.3	338	679	7.5	16.6	--	7.5	77	--	--
22	1105	6.6	338	679	7.5	16.6	--	7.4	77	--	--
22	1105	9.8	338	679	7.5	16.6	--	7.4	76	--	--
22	1105	13	338	679	7.5	16.6	--	7.4	76	--	--
22	1106	16	338	679	7.4	16.5	--	7.4	76	--	--
22	1106	20	338	679	7.4	16.5	--	7.4	76	--	--
22	1106	23	338	679	7.4	16.5	--	7.4	76	--	--
22	1107	26	338	679	7.4	16.5	--	7.4	76	--	--
22	1107	30	338	679	7.4	16.5	--	7.4	76	--	--
22	1108	33	338	679	7.4	16.5	--	7.4	76	--	--
22	1108	36	338	679	7.4	16.5	--	7.3	76	--	--
22	1108	39	338	679	7.4	16.5	--	7.3	76	--	--
22	1109	40	338	679	7.4	16.5	--	7.3	76	--	--

Table 27.--Water-quality data for station 390803081443501, Ohio River, at river mile 202.8 (June to October 1991)--continued.

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; µg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (µg/L)	Pheophytin (µg/L)
October											
22	1111	0.5	564	679	7.5	16.7	--	7.6	78	--	--
22	1111	3.3	564	678	7.5	16.7	--	7.5	78	--	--
22	1112	6.6	564	678	7.5	16.6	--	7.5	77	--	--
22	1112	9.8	564	679	7.5	16.6	--	7.4	77	--	--
22	1112	13	564	679	7.5	16.6	--	7.4	77	--	--
22	1113	16	564	678	7.4	16.6	--	7.4	77	--	--
22	1113	20	564	677	7.4	16.6	--	7.4	77	--	--
22	1113	23	564	679	7.4	16.6	--	7.4	77	--	--
22	1114	26	564	676	7.4	16.6	--	7.4	77	--	--
22	1114	30	564	677	7.4	16.6	--	7.4	77	--	--
22	1115	33	564	674	7.4	16.5	--	7.4	76	--	--
22	1115	36	564	679	7.4	16.5	--	7.4	76	--	--
22	1115	39	564	677	7.4	16.5	--	7.4	76	--	--
22	1118	.5	787	678	7.5	16.8	--	7.6	79	--	--
22	1118	3.3	787	679	7.5	16.6	--	7.6	79	--	--
22	1119	6.6	787	678	7.5	16.6	--	7.5	78	--	--
22	1119	9.8	787	679	7.5	16.6	--	7.5	77	--	--
22	1119	13	787	679	7.5	16.6	--	7.4	77	--	--
22	1120	16	787	679	7.4	16.5	--	7.4	77	--	--
22	1120	20	787	679	7.4	16.5	--	7.4	77	--	--
22	1120	23	787	679	7.4	16.6	--	7.4	77	--	--
22	1121	26	787	679	7.4	16.5	--	7.4	77	--	--
22	1121	30	787	679	7.4	16.5	--	7.4	77	--	--
22	1122	33	787	679	7.4	16.5	--	7.4	76	--	--
22	1124	.5	1,014	679	7.5	16.8	--	7.6	79	--	--
22	1124	3.3	1,014	679	7.5	16.7	--	7.6	79	--	--
22	1125	6.6	1,014	679	7.5	16.7	--	7.6	79	--	--
22	1125	9.8	1,014	679	7.5	16.6	--	7.6	78	--	--
22	1125	13	1,014	679	7.5	16.6	--	7.5	78	--	--
22	1126	16	1,014	679	7.5	16.6	--	7.5	78	--	--
22	1126	20	1,014	679	7.5	16.6	--	7.5	78	--	--
22	1126	21	1,014	678	7.5	16.6	--	7.5	78	--	--

Table 28.--Water-quality data for station 390721081443001, Ohio River, at river mile 203.6 (June to October 1991).

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
June											
20	2211	0.5	112	531	7.4	26.9	--	8.3	104	--	--
20	2211	3.3	112	529	8.0	28.0	--	8.2	105	--	--
20	2212	4.9	112	530	7.7	28.0	--	7.5	96	--	--
20	2216	.5	338	531	7.3	27.8	--	7.9	100	--	--
20	2216	3.3	338	530	7.9	28.1	--	8.0	102	--	--
20	2217	6.6	338	529	7.9	28.1	--	8.0	102	--	--
20	2217	9.8	338	533	7.7	27.9	--	6.9	88	--	--
20	2217	13	338	534	7.6	27.7	--	6.6	84	--	--
20	2218	16	338	535	7.5	27.6	--	6.2	79	--	--
20	2218	20	338	534	7.5	27.6	--	6.1	77	--	--
20	2218	23	338	533	7.5	27.5	--	6.1	77	--	--
20	2219	26	338	530	7.5	27.4	--	6.0	76	--	--
20	2219	30	338	530	7.4	27.3	--	5.8	73	--	--
20	2220	33	338	531	7.4	27.3	--	5.7	72	--	--
20	2220	33	338	530	7.4	27.2	--	5.6	70	--	--
20	2228	.5	564	529	7.9	28.1	--	8.2	105	--	--
20	2228	3.3	564	530	7.9	28.1	--	8.0	102	--	--
20	2229	6.6	564	530	7.9	28.1	--	7.9	101	--	--
20	2229	9.8	564	531	7.9	28.1	--	7.8	100	--	--
20	2229	13	564	531	7.8	28.1	--	7.5	96	--	--
20	2230	16	564	533	7.6	27.8	--	6.7	85	--	--
20	2230	20	564	534	7.5	27.6	--	6.1	77	--	--
20	2230	23	564	533	7.5	27.5	--	5.9	75	--	--
20	2231	26	564	532	7.5	27.4	--	5.9	74	--	--
20	2231	30	564	530	7.4	27.3	--	5.8	73	--	--
20	2232	33	564	530	7.4	27.3	--	5.8	73	--	--
20	2232	36	564	530	7.4	27.2	--	5.4	68	--	--
20	2237	.5	787	530	7.9	28.2	--	8.1	104	--	--
20	2237	3.3	787	530	7.8	28.2	--	7.6	97	--	--
20	2238	6.6	787	534	7.6	27.9	--	6.7	85	--	--
20	2238	9.8	787	535	7.5	27.8	--	6.2	79	--	--
20	2238	13	787	535	7.5	27.6	--	6.0	76	--	--
20	2239	16	787	534	7.5	27.6	--	5.9	75	--	--
20	2239	20	787	533	7.4	27.5	--	5.8	73	--	--
20	2239	23	787	534	7.4	27.5	--	5.8	73	--	--
20	2240	26	787	533	7.4	27.4	--	5.8	73	--	--
20	2240	30	787	534	7.4	27.4	--	5.6	71	--	--

Table 28.--Water-quality data for station 390721081443001, Ohio River, at river mile 203.6 (June to October 1991)--continued.

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
June											
20	2241	33	787	533	7.4	27.3	--	5.6	71	--	--
20	2241	36	787	534	7.4	27.2	--	5.5	69	--	--
20	2241	38	787	532	7.3	27.1	--	5.2	65	--	--
20	2249	.5	1,014	531	7.8	28.1	--	8.0	102	--	--
20	2249	3.3	1,014	530	7.8	28.1	--	7.8	100	--	--
20	2250	6.6	1,014	531	7.8	28.1	--	7.7	98	--	--
20	2250	9.8	1,014	530	7.8	28.1	--	7.6	97	--	--
20	2250	13	1,014	531	7.8	28.0	--	7.2	92	--	--
20	2251	16	1,014	532	7.7	27.9	--	6.9	88	--	--
20	2251	20	1,014	533	7.6	27.7	--	6.3	80	--	--
20	2251	23	1,014	534	7.5	27.6	--	6.0	76	--	--
20	2252	26	1,014	534	7.5	27.5	--	6.0	76	--	--
20	2252	30	1,014	533	7.4	27.4	--	5.8	73	--	--
20	2253	33	1,014	532	7.4	27.3	--	5.6	70	--	--
20	2253	36	1,014	530	7.4	27.2	--	5.4	68	--	--
20	2253	39	1,014	531	7.3	27.1	--	5.3	66	--	--
20	2254	42	1,014	531	7.3	27.0	--	5.0	63	--	--
July											
19	1812	.5	112	617	8.4	30.2	--	9.4	127	--	--
19	1812	3.3	112	618	7.8	29.5	--	8.5	114	--	--
19	1813	6.6	112	617	7.8	29.1	--	7.7	102	--	--
19	1813	9.8	112	617	7.7	28.1	--	7.4	97	--	--
19	1817	.5	338	619	8.3	29.9	--	9.5	128	--	--
19	1817	3.3	338	619	8.3	29.8	--	9.4	126	--	--
19	1818	6.6	338	623	7.7	28.9	--	7.7	102	--	--
19	1818	9.8	338	620	7.6	28.8	--	7.3	97	--	--
19	1818	13	338	620	7.6	28.7	--	7.2	95	--	--
19	1819	16	338	621	7.6	28.7	--	7.0	92	--	--
19	1819	20	338	621	7.5	28.7	--	7.0	92	--	--
19	1819	23	338	616	7.5	28.6	--	6.8	90	--	--
19	1820	26	338	617	7.5	28.5	--	6.6	87	--	--
19	1820	30	338	617	7.5	28.5	--	6.6	87	--	--
19	1821	33	338	620	7.5	28.5	--	6.5	85	--	--
19	1821	36	338	616	7.4	28.3	--	5.4	71	--	--
19	1821	38	338	615	7.3	28.2	--	4.6	60	--	--

Table 28.--Water-quality data for station 390721081443001, Ohio River, at river mile 203.6 (June to October 1991)--continued.

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
July											
19	1826	0.5	564	620	8.3	29.8	--	9.5	128	--	--
19	1826	3.3	564	623	8.1	29.4	--	8.7	116	--	--
19	1827	6.6	564	623	7.8	29.1	--	7.9	105	--	--
19	1827	9.8	564	623	7.7	28.9	--	7.7	102	--	--
19	1827	13	564	623	7.6	28.9	--	7.5	99	--	--
19	1828	16	564	621	7.5	28.7	--	6.8	90	--	--
19	1828	20	564	620	7.5	28.6	--	6.6	87	--	--
19	1828	23	564	617	7.4	28.5	--	6.4	84	--	--
19	1829	26	564	621	7.4	28.5	--	6.3	83	--	--
19	1829	30	564	619	7.4	28.5	--	6.2	82	--	--
19	1830	33	564	618	7.4	28.4	--	6.0	79	--	--
19	1830	36	564	616	7.4	28.4	--	5.7	75	--	--
19	1830	39	564	615	7.3	28.3	--	5.4	71	--	--
19	1828	.5	787	621	8.3	29.7	--	9.4	126	--	--
19	1828	3.3	787	623	8.1	29.5	--	9.0	120	--	--
19	1829	6.6	787	622	7.8	29.1	--	7.9	105	--	--
19	1829	9.8	787	621	7.6	28.8	--	7.3	97	--	--
19	1829	13	787	621	7.6	28.7	--	7.1	94	--	--
19	1830	16	787	622	7.5	28.7	--	7.0	92	--	--
19	1830	20	787	621	7.5	28.7	--	6.8	90	--	--
19	1830	23	787	621	7.5	28.6	--	6.4	84	--	--
19	1831	26	787	621	7.5	28.6	--	6.7	88	--	--
19	1831	30	787	619	7.4	28.5	--	6.4	84	--	--
19	1832	33	787	618	7.4	28.5	--	6.1	80	--	--
19	1832	36	787	617	7.4	28.4	--	5.9	77	--	--
19	1832	39	787	616	7.3	28.2	--	5.2	68	--	--
19	1850	.5	1,014	621	7.9	29.2	--	8.4	112	--	--
19	1850	3.3	1,014	622	7.9	29.2	--	8.4	112	--	--
19	1851	6.6	1,014	621	7.8	29.1	--	8.1	108	--	--
19	1851	9.8	1,014	620	7.7	29.0	--	7.4	98	--	--
19	1851	13	1,014	623	7.6	28.8	--	7.2	95	--	--
19	1852	16	1,014	620	7.5	28.7	--	6.9	91	--	--
19	1852	20	1,014	620	7.5	28.7	--	6.8	90	--	--
19	1852	23	1,014	620	7.5	28.6	--	6.6	87	--	--
19	1853	26	1,014	621	7.5	28.6	--	6.5	86	--	--
19	1853	30	1,014	618	7.5	28.5	--	6.4	84	--	--
19	1854	33	1,014	618	7.4	28.5	--	6.4	84	--	--

Table 28.--Water-quality data for station 390721081443001, Ohio River, at river mile 203.6 (June to October 1991)--continued.

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
July											
19	1854	36	1,014	618	7.4	28.5	--	6.2	81	--	--
19	1854	39	1,014	618	7.4	28.4	--	6.1	80	--	--
19	1855	43	1,014	616	7.3	28.3	--	5.6	73	--	--
19	1855	45	1,014	616	7.3	28.2	--	5.0	65	--	--
24	1355	.5	112	620	7.6	30.6	--	7.6	103	--	--
24	1355	3.3	112	621	7.4	30.0	--	6.8	91	--	--
24	1356	6.6	112	620	7.3	29.8	--	6.4	86	--	--
24	1356	8.2	112	621	7.2	29.6	--	6.1	82	--	--
24	1400	.5	338	623	7.4	30.4	--	7.0	95	--	--
24	1400	3.3	338	623	7.4	30.1	--	6.9	93	--	--
24	1401	6.6	338	622	7.3	29.6	--	6.1	82	--	--
24	1401	9.8	338	622	7.2	29.5	--	6.0	80	--	--
24	1401	13	338	622	7.2	29.5	--	5.9	79	--	--
24	1402	16	338	621	7.2	29.5	--	5.9	79	--	--
24	1402	20	338	622	7.2	29.4	--	5.9	79	--	--
24	1402	23	338	621	7.2	29.4	--	5.9	79	--	--
24	1403	26	338	621	7.2	29.4	--	5.9	79	--	--
24	1403	30	338	621	7.2	29.4	--	5.9	79	--	--
24	1404	33	338	620	7.2	29.4	--	5.8	77	--	--
24	1404	36	338	620	7.2	29.4	--	5.7	76	--	--
24	1404	37	338	619	7.2	29.4	--	5.7	76	--	--
24	1415	.5	564	623	7.4	30.7	--	7.2	98	--	--
24	1415	3.3	564	623	7.4	30.2	--	7.1	96	--	--
24	1416	6.6	564	622	7.3	29.8	--	6.6	88	--	--
24	1416	9.8	564	624	7.3	29.6	--	6.2	83	--	--
24	1416	13	564	624	7.2	29.6	--	6.2	83	--	--
24	1417	16	564	622	7.2	29.6	--	6.1	82	--	--
24	1417	20	564	623	7.2	29.5	--	6.1	81	--	--
24	1417	23	564	623	7.2	29.5	--	5.9	79	--	--
24	1418	26	564	623	7.2	29.5	--	5.8	77	--	--
24	1418	30	564	621	7.2	29.4	--	5.8	77	--	--
24	1419	33	564	621	7.2	29.4	--	5.8	77	--	--
24	1419	36	564	621	7.2	29.4	--	5.8	77	--	--
24	1419	39	564	621	7.2	29.4	--	5.8	77	--	--
24	1420	40	564	622	7.2	29.4	--	5.8	77	--	--

Table 28.--Water-quality data for station 390721081443001, Ohio River, at river mile 203.6 (June to October 1991)--continued.

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; µg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (µg/L)	Pheophytin (µg/L)
July											
24	1432	0.5	787	625	7.5	30.6	--	7.3	99	--	--
24	1432	3.3	787	625	7.4	30.4	--	7.5	102	--	--
24	1433	6.6	787	623	7.3	29.8	--	6.9	93	--	--
24	1433	9.8	787	623	7.3	29.6	--	6.3	84	--	--
24	1433	13	787	622	7.3	29.6	--	6.2	83	--	--
24	1434	16	787	622	7.2	29.6	--	6.1	82	--	--
24	1434	20	787	622	7.2	29.5	--	5.9	79	--	--
24	1434	23	787	622	7.2	29.5	--	5.9	79	--	--
24	1435	26	787	622	7.2	29.5	--	5.8	77	--	--
24	1435	30	787	621	7.2	29.5	--	5.9	79	--	--
24	1436	33	787	621	7.2	29.5	--	5.8	77	--	--
24	1436	36	787	621	7.2	29.5	--	5.8	77	--	--
24	1436	39	787	620	7.2	29.4	--	5.8	77	--	--
24	1437	43	787	621	7.2	29.4	--	5.8	77	--	--
24	1437	44	787	621	7.2	29.4	--	5.8	77	--	--
24	1449	.5	1,014	623	7.4	30.6	--	7.4	101	--	--
24	1449	3.3	1,014	623	7.4	30.0	--	7.2	97	--	--
24	1450	6.6	1,014	622	7.3	29.7	--	6.5	87	--	--
24	1450	9.8	1,014	622	7.2	29.6	--	6.2	83	--	--
24	1450	13	1,014	622	7.2	29.6	--	6.1	82	--	--
24	1451	16	1,014	622	7.2	29.6	--	6.0	80	--	--
24	1451	20	1,014	622	7.2	29.5	--	6.0	80	--	--
24	1451	23	1,014	622	7.2	29.5	--	6.0	80	--	--
24	1452	26	1,014	622	7.2	29.5	--	5.9	79	--	--
24	1452	30	1,014	622	7.2	29.5	--	5.9	79	--	--
24	1453	33	1,014	622	7.2	29.5	--	5.8	77	--	--
24	1453	36	1,014	622	7.2	29.5	--	5.8	77	--	--
24	1453	39	1,014	621	7.2	29.5	--	5.8	77	--	--
24	1454	43	1,014	623	7.2	29.5	--	5.8	77	--	--
24	1454	46	1,014	621	7.2	29.5	--	5.8	77	--	--
24	1454	49	1,014	620	7.2	29.5	--	5.8	77	--	--
August											
09	914	.5	112	654	7.2	27.7	--	6.8	88	--	--
09	914	3.3	112	654	7.2	27.7	--	6.7	87	--	--
09	915	6.6	112	654	7.2	27.8	--	6.6	86	--	--
09	915	9.8	112	654	7.2	27.8	--	6.6	86	--	--
09	915	13	112	654	7.2	27.8	--	6.6	86	--	--
09	916	16	112	654	7.2	27.8	--	6.6	86	--	--
09	916	19	112	653	7.2	27.8	--	6.6	86	--	--

Table 28.--Water-quality data for station 390721081443001, Ohio River, at river mile 203.6 (June to October 1991)--continued.

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
August											
09	922	0.5	338	654	7.2	27.8	--	6.6	86	--	--
09	922	3.3	338	653	7.2	27.8	--	6.6	86	--	--
09	923	6.6	338	652	7.2	27.8	--	6.6	86	--	--
09	923	9.8	338	652	7.2	27.8	--	6.6	86	--	--
09	923	13	338	650	7.2	27.8	--	6.6	86	--	--
09	924	16	338	652	7.2	27.8	--	6.6	86	--	--
09	924	20	338	654	7.2	27.8	--	6.4	83	--	--
09	924	23	338	654	7.1	27.8	--	5.9	77	--	--
09	925	26	338	654	7.1	27.7	--	5.7	74	--	--
09	925	30	338	657	7.1	27.7	--	5.7	74	--	--
09	926	33	338	655	7.1	27.7	--	5.7	74	--	--
09	926	36	338	655	7.0	27.7	--	5.6	73	--	--
09	926	39	338	655	7.0	27.7	--	5.3	69	--	--
09	937	.5	564	653	7.2	27.8	--	6.6	86	--	--
09	937	3.3	564	653	7.2	27.8	--	6.6	86	--	--
09	938	6.6	564	653	7.2	27.8	--	6.6	86	--	--
09	938	9.8	564	653	7.2	27.8	--	6.6	86	--	--
09	938	13	564	654	7.2	27.8	--	6.5	85	--	--
09	939	16	564	654	7.2	27.8	--	6.5	85	--	--
09	939	20	564	655	7.2	27.8	--	6.5	85	--	--
09	939	23	564	654	7.2	27.8	--	6.5	85	--	--
09	940	26	564	652	7.1	27.8	--	6.2	81	--	--
09	940	30	564	651	7.1	27.8	--	6.1	79	--	--
09	941	33	564	658	7.1	27.8	--	5.8	75	--	--
09	941	36	564	656	7.0	27.8	--	5.6	73	--	--
09	941	38	564	652	7.0	27.8	--	5.6	73	--	--
09	951	.5	787	656	7.2	27.8	--	6.5	85	--	--
09	951	3.3	787	656	7.2	27.8	--	6.5	85	--	--
09	952	6.6	787	656	7.2	27.8	--	6.5	85	--	--
09	952	9.8	787	656	7.2	27.8	--	6.5	85	--	--
09	952	13	787	656	7.2	27.8	--	6.5	85	--	--
09	953	16	787	656	7.2	27.8	--	6.5	85	--	--
09	953	20	787	654	7.2	27.8	--	6.5	85	--	--
09	953	23	787	652	7.2	27.8	--	6.5	85	--	--
09	954	26	787	659	7.2	27.8	--	6.5	85	--	--
09	954	30	787	659	7.2	27.8	--	6.5	85	--	--
09	955	33	787	656	7.2	27.8	--	6.5	85	--	--

Table 28.--Water-quality data for station 390721081443001, Ohio River, at river mile 203.6 (June to October 1991)--continued.

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
August											
09	955	36	787	657	7.1	27.8	--	6.5	85	--	--
09	955	39	787	657	7.1	27.8	--	6.3	82	--	--
09	956	41	787	656	7.1	27.8	--	6.0	78	--	--
09	1005	.5	1,014	655	7.2	27.8	--	6.4	83	--	--
09	1005	3.3	1,014	655	7.2	27.8	--	6.4	83	--	--
09	1006	6.6	1,014	655	7.2	27.8	--	6.4	83	--	--
09	1006	9.8	1,014	655	7.2	27.8	--	6.4	83	--	--
09	1006	13	1,014	655	7.2	27.8	--	6.4	83	--	--
09	1007	16	1,014	655	7.2	27.8	--	6.4	83	--	--
09	1007	20	1,014	655	7.2	27.8	--	6.4	83	--	--
09	1007	23	1,014	655	7.2	27.8	--	6.4	83	--	--
09	1008	26	1,014	655	7.2	27.8	--	6.4	83	--	--
09	1008	30	1,014	655	7.2	27.8	--	6.4	83	--	--
09	1009	33	1,014	655	7.1	27.8	--	6.4	83	--	--
09	1009	36	1,014	654	7.1	27.8	--	6.4	83	--	--
09	1009	39	1,014	655	7.1	27.8	--	6.3	82	--	--
09	1010	43	1,014	654	7.1	27.8	--	6.3	82	--	--
09	1010	45	1,014	654	7.1	27.8	--	6.2	81	--	--
20	1015	.5	112	650	7.1	27.0	--	6.1	78	--	--
20	1015	3.3	112	650	7.1	27.0	--	6.1	78	--	--
20	1016	6.6	112	650	7.1	27.0	--	6.0	77	--	--
20	1016	9.8	112	650	7.1	27.0	--	6.0	77	--	--
20	1016	10	112	650	7.1	27.0	--	6.0	77	--	--
20	1017	.5	338	649	7.1	27.0	--	6.0	77	--	--
20	1017	3.3	338	650	7.1	27.1	--	6.0	77	--	--
20	1017	6.6	338	650	7.1	27.1	--	6.0	77	--	--
20	1018	9.8	338	650	7.1	27.1	--	6.0	77	--	--
20	1018	13	338	649	7.1	27.1	--	6.0	77	--	--
20	1019	16	338	648	7.1	27.1	--	6.0	77	--	--
20	1019	20	338	648	7.1	27.1	--	6.0	77	--	--
20	1019	23	338	647	7.1	27.0	--	6.0	77	--	--
20	1020	26	338	648	7.1	27.0	--	6.0	77	--	--
20	1020	30	338	649	7.1	27.0	--	6.0	77	--	--
20	1020	33	338	649	7.1	27.0	--	6.0	77	--	--
20	1021	36	338	649	7.1	27.0	--	6.0	77	--	--
20	1021	37	338	650	7.1	27.0	--	6.0	77	--	--

Table 28.--Water-quality data for station 390721081443001, Ohio River, at river mile 203.6 (June to October 1991)--continued.

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
August											
20	1033	0.5	564	649	7.1	27.0	--	6.0	77	--	--
20	1033	3.3	564	649	7.1	27.1	--	6.0	77	--	--
20	1034	6.6	564	649	7.1	27.1	--	6.0	77	--	--
20	1034	9.8	564	649	7.1	27.1	--	6.0	77	--	--
20	1034	13	564	650	7.1	27.1	--	6.0	77	--	--
20	1035	16	564	650	7.1	27.1	--	6.0	77	--	--
20	1035	20	564	649	7.1	27.1	--	6.0	77	--	--
20	1035	23	564	649	7.1	27.1	--	6.0	77	--	--
20	1036	26	564	649	7.1	27.1	--	5.9	76	--	--
20	1036	30	564	649	7.1	27.1	--	5.9	76	--	--
20	1037	33	564	649	7.1	27.1	--	5.9	76	--	--
20	1037	36	564	649	7.1	27.1	--	5.9	76	--	--
20	1037	38	564	652	7.1	27.1	--	5.8	74	--	--
20	1043	.5	787	649	7.1	27.1	--	5.9	76	--	--
20	1043	3.3	787	649	7.1	27.1	--	5.9	76	--	--
20	1044	6.6	787	649	7.1	27.1	--	6.1	78	--	--
20	1044	9.8	787	650	7.1	27.1	--	6.0	77	--	--
20	1044	13	787	650	7.1	27.1	--	6.0	77	--	--
20	1045	16	787	650	7.1	27.1	--	6.0	77	--	--
20	1045	20	787	649	7.1	27.1	--	5.9	76	--	--
20	1045	23	787	647	7.1	27.1	--	5.9	76	--	--
20	1046	26	787	647	7.1	27.1	--	5.9	76	--	--
20	1046	30	787	647	7.1	27.1	--	5.9	76	--	--
20	1047	33	787	647	7.1	27.0	--	5.9	76	--	--
20	1047	36	787	646	7.1	27.0	--	5.9	76	--	--
20	1047	39	787	646	7.1	27.0	--	5.9	76	--	--
20	1055	.5	1,014	649	7.1	27.1	--	6.0	77	--	--
20	1055	3.3	1,014	649	7.1	27.1	--	6.0	77	--	--
20	1056	6.6	1,014	649	7.1	27.1	--	6.0	77	--	--
20	1056	9.8	1,014	647	7.1	27.1	--	6.0	77	--	--
20	1056	13	1,014	647	7.1	27.1	--	6.0	77	--	--
20	1057	16	1,014	647	7.1	27.1	--	6.0	77	--	--
20	1057	20	1,014	647	7.1	27.1	--	6.0	77	--	--
20	1057	23	1,014	648	7.1	27.1	--	5.9	76	--	--
20	1058	26	1,014	648	7.1	27.1	--	5.9	76	--	--
20	1058	30	1,014	649	7.1	27.1	--	5.9	76	--	--
20	1059	33	1,014	647	7.1	27.1	--	5.9	76	--	--

Table 28.--Water-quality data for station 390721081443001, Ohio River, at river mile 203.6 (June to October 1991)--continued.

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
August											
20	1059	36	1,014	647	7.1	27.1	--	5.9	76	--	--
20	1059	39	1,014	647	7.1	27.1	--	5.9	76	--	--
20	1100	43	1,014	646	7.1	27.0	--	5.9	76	--	--
20	1100	45	1,014	646	7.1	27.0	--	5.9	76	--	--
September											
10	1040	.5	112	654	7.2	26.6	--	6.2	78	--	--
10	1040	3.3	112	654	7.2	26.6	--	6.2	78	--	--
10	1041	6.6	112	654	7.2	26.6	--	6.2	78	--	--
10	1041	9.8	112	654	7.2	26.6	--	6.2	78	--	--
10	1041	13	112	654	7.2	26.6	--	6.2	78	--	--
10	1042	16	112	653	7.2	26.6	--	6.2	78	--	--
10	1042	20	112	655	7.2	26.6	--	6.2	78	--	--
10	1042	22	112	649	7.2	26.6	--	6.2	78	--	--
10	1045	.5	338	653	7.2	26.6	--	6.3	80	--	--
10	1045	3.3	338	652	7.2	26.6	--	6.2	78	--	--
10	1046	6.6	338	653	7.2	26.6	--	6.2	78	--	--
10	1046	9.8	338	656	7.2	26.6	--	6.2	78	--	--
10	1046	13	338	653	7.2	26.6	--	6.2	78	--	--
10	1047	16	338	653	7.2	26.6	--	6.2	78	--	--
10	1047	20	338	653	7.1	26.6	--	6.2	78	--	--
10	1047	23	338	653	7.1	26.6	--	6.2	78	--	--
10	1048	26	338	654	7.1	26.6	--	6.2	78	--	--
10	1048	30	338	654	7.1	26.6	--	6.2	78	--	--
10	1049	33	338	654	7.1	26.6	--	6.2	78	--	--
10	1049	36	338	654	7.1	26.6	--	6.1	77	--	--
10	1049	39	338	654	7.1	26.6	--	6.1	77	--	--
10	1054	.5	564	652	7.2	26.6	4.5	6.3	80	.1	.6
10	1054	3.3	564	652	7.2	26.6	--	6.3	80	--	--
10	1055	6.6	564	652	7.2	26.7	--	6.3	80	--	--
10	1055	9.8	564	652	7.2	26.6	--	6.2	78	--	--
10	1055	13	564	653	7.2	26.6	--	6.2	78	--	--
10	1056	16	564	653	7.2	26.6	--	6.2	78	.1	.7
10	1056	20	564	652	7.2	26.6	--	6.2	78	--	--
10	1056	23	564	653	7.2	26.6	--	6.2	78	--	--
10	1057	26	564	650	7.2	26.6	--	6.2	78	--	--
10	1057	30	564	650	7.1	26.6	--	6.2	78	--	--
10	1058	33	564	658	7.1	26.6	--	6.1	77	.1	.5

Table 28.--Water-quality data for station 390721081443001, Ohio River, at river mile 203.6 (June to October 1991)--continued.

[ft = feet; µS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; µg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (µg/L)	Pheophytin (µg/L)
September											
10	1058	36	564	659	7.1	26.6	--	6.1	77	--	--
10	1058	38	564	658	7.1	26.6	--	6.0	76	--	--
10	1103	.5	787	652	7.2	26.7	--	6.3	80	--	--
10	1103	3.3	787	651	7.2	26.7	--	6.3	80	--	--
10	1104	6.6	787	652	7.2	26.7	--	6.3	80	--	--
10	1104	9.8	787	652	7.2	26.7	--	6.3	80	--	--
10	1104	13	787	652	7.2	26.7	--	6.2	78	--	--
10	1105	16	787	652	7.2	26.7	--	6.2	78	--	--
10	1105	20	787	653	7.2	26.7	--	6.2	78	--	--
10	1105	23	787	653	7.2	26.6	--	6.2	78	--	--
10	1106	26	787	653	7.1	26.6	--	6.2	78	--	--
10	1106	30	787	654	7.1	26.6	--	6.1	77	--	--
10	1107	33	787	654	7.1	26.6	--	6.1	77	--	--
10	1107	36	787	654	7.1	26.6	--	6.1	77	--	--
10	1107	39	787	655	7.1	26.6	--	6.0	76	--	--
10	1113	.5	1,014	651	7.2	26.7	--	6.4	81	--	--
10	1113	3.3	1,014	650	7.2	26.7	--	6.3	80	--	--
10	1114	6.6	1,014	650	7.2	26.7	--	6.3	80	--	--
10	1114	9.8	1,014	650	7.2	26.7	--	6.3	80	--	--
10	1114	13	1,014	650	7.2	26.7	--	6.2	78	--	--
10	1115	16	1,014	655	7.2	26.7	--	6.2	78	--	--
10	1115	20	1,014	654	7.2	26.7	--	6.2	78	--	--
10	1115	23	1,014	653	7.2	26.7	--	6.2	78	--	--
10	1116	26	1,014	652	7.2	26.7	--	6.2	78	--	--
10	1116	30	1,014	652	7.2	26.7	--	6.2	78	--	--
10	1117	33	1,014	652	7.2	26.7	--	6.2	78	--	--
10	1117	36	1,014	652	7.1	26.7	--	6.2	78	--	--
10	1117	39	1,014	653	7.1	26.7	--	6.2	78	--	--
16	1530	.5	112	673	8.1	28.6	--	9.7	127	--	--
16	1530	3.3	112	674	7.6	27.9	--	8.2	106	--	--
16	1531	6.6	112	674	7.5	27.7	--	7.8	101	--	--
16	1531	9.8	112	674	7.5	27.5	--	7.5	97	--	--
16	1531	13	112	674	7.4	27.4	--	7.0	90	--	--
16	1532	16	112	672	7.3	27.2	--	6.5	83	--	--

Table 28.--Water-quality data for station 390721081443001, Ohio River, at river mile 203.6 (June to October 1991)--continued.

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
September											
16	1543	0.5	338	674	7.9	28.2	--	9.3	121	--	--
16	1543	3.3	338	675	7.6	27.8	--	7.9	102	--	--
16	1544	6.6	338	675	7.5	27.7	--	7.5	97	--	--
16	1544	9.8	338	675	7.1	27.4	--	7.4	95	--	--
16	1544	13	338	675	7.4	27.3	--	6.8	87	--	--
16	1545	16	338	674	7.3	27.2	--	6.4	82	--	--
16	1545	20	338	674	7.3	27.1	--	6.3	81	--	--
16	1545	23	338	674	7.3	27.0	--	6.0	77	--	--
16	1546	26	338	674	7.2	27.0	--	5.7	73	--	--
16	1546	30	338	675	7.2	27.0	--	5.6	72	--	--
16	1547	33	338	675	7.2	27.0	--	5.6	72	--	--
16	1547	36	338	675	7.2	27.0	--	5.5	70	--	--
16	1547	38	338	674	7.2	26.9	--	5.4	69	--	--
16	1557	.5	564	675	7.5	27.5	4.0	7.4	95	.2	.4
16	1557	3.3	564	675	7.4	27.5	--	7.3	94	--	--
16	1558	6.6	564	676	7.4	27.5	--	7.1	92	--	--
16	1558	9.8	564	675	7.4	27.3	--	6.8	87	--	--
16	1558	13	564	676	7.3	27.2	--	6.4	82	--	--
16	1559	16	564	676	7.3	27.1	--	6.3	81	--	--
16	1559	20	564	676	7.3	27.1	--	6.2	79	.1	.2
16	1559	23	564	675	7.3	27.0	--	6.1	78	--	--
16	1600	26	564	676	7.2	27.0	--	5.9	75	--	--
16	1600	30	564	676	7.2	27.0	--	5.9	75	--	--
16	1601	33	564	676	7.2	27.0	--	5.7	73	--	--
16	1601	36	564	676	7.2	27.0	--	5.6	72	--	--
16	1601	38	564	676	7.2	27.0	--	5.6	72	<.1	.1
16	1615	.5	787	675	7.5	27.6	--	7.3	94	--	--
16	1615	3.3	787	675	7.4	27.6	--	7.3	94	--	--
16	1616	6.6	787	676	7.4	27.5	--	7.1	92	--	--
16	1616	9.8	787	675	7.3	27.3	--	6.6	85	--	--
16	1616	13	787	675	7.3	27.2	--	6.4	82	--	--
16	1617	16	787	676	7.3	27.2	--	6.3	81	--	--
16	1617	20	787	676	7.3	27.1	--	6.2	79	--	--
16	1617	23	787	676	7.2	27.1	--	6.1	78	--	--
16	1618	26	787	676	7.2	27.1	--	6.0	77	--	--
16	1618	30	787	676	7.2	27.0	--	5.9	75	--	--
16	1619	33	787	676	7.2	27.0	--	5.9	75	--	--

Table 28.--Water-quality data for station 390721081443001, Ohio River, at river mile 203.6 (June to October 1991)--continued.

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
September											
16	1619	36	787	676	7.2	27.0	--	5.8	74	--	--
16	1619	39	787	676	7.2	27.0	--	5.6	72	--	--
16	1620	41	787	676	7.2	26.9	--	5.5	70	--	--
16	1627	.5	1,014	674	7.4	27.4	--	7.0	90	--	--
16	1627	3.3	1,014	675	7.4	27.4	--	6.9	89	--	--
16	1628	6.6	1,014	676	7.3	27.3	--	6.7	86	--	--
16	1628	9.8	1,014	676	7.3	27.3	--	6.6	85	--	--
16	1628	13	1,014	676	7.3	27.1	--	6.3	81	--	--
16	1629	16	1,014	676	7.3	27.1	--	6.2	79	--	--
16	1629	20	1,014	676	7.3	27.1	--	6.1	78	--	--
16	1629	23	1,014	676	7.3	27.1	--	6.0	77	--	--
16	1630	26	1,014	676	7.2	27.1	--	6.0	77	--	--
16	1630	30	1,014	676	7.2	27.1	--	6.0	77	--	--
16	1631	33	1,014	676	7.2	27.0	--	5.9	75	--	--
16	1631	36	1,014	676	7.2	27.0	--	5.8	74	--	--
16	1631	39	1,014	676	7.2	27.0	--	5.8	74	--	--
16	1632	43	1,014	676	7.2	27.0	--	5.7	73	--	--
16	1632	45	1,014	676	7.2	26.9	--	5.6	71	--	--
October											
21	1002	.5	112	678	7.4	16.6	--	7.6	79	--	--
21	1002	3.3	112	678	7.4	16.6	--	7.6	79	--	--
21	1003	6.6	112	678	7.4	16.6	--	7.6	79	--	--
21	1003	9.8	112	678	7.4	16.6	--	7.6	79	--	--
21	1003	13	112	677	7.4	16.6	--	7.6	79	--	--
21	1004	16	112	679	7.4	16.6	--	7.6	79	--	--
21	1004	17	112	676	7.4	16.6	--	7.6	79	--	--
21	1013	.5	338	677	7.4	16.6	--	7.7	80	--	--
21	1013	3.3	338	676	7.4	16.6	--	7.7	79	--	--
21	1014	6.6	338	678	7.4	16.6	--	7.6	79	--	--
21	1014	9.8	338	677	7.4	16.6	--	7.6	79	--	--
21	1014	13	338	676	7.4	16.6	--	7.6	78	--	--
21	1015	16	338	676	7.4	16.6	--	7.6	78	--	--
21	1015	20	338	677	7.4	16.6	--	7.6	78	--	--
21	1015	23	338	677	7.4	16.6	--	7.5	78	--	--
21	1016	26	338	678	7.4	16.6	--	7.5	78	--	--
21	1016	30	338	676	7.4	16.6	--	7.5	78	--	--
21	1017	33	338	677	7.4	16.6	--	7.5	78	--	--

Table 28.--Water-quality data for station 390721081443001, Ohio River, at river mile 203.6 (June to October 1991)--continued.

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
October											
21	1017	36	338	679	7.4	16.6	--	7.5	78	--	--
21	1017	39	338	677	7.4	16.6	--	7.5	78	--	--
21	1021	.5	564	677	7.4	16.7	6.0	7.6	79	.1	.3
21	1021	3.3	564	677	7.4	16.7	--	7.6	79	--	--
21	1022	6.6	564	677	7.4	16.6	--	7.6	78	--	--
21	1022	9.8	564	677	7.4	16.6	--	7.5	78	--	--
21	1022	13	564	677	7.4	16.6	--	7.5	78	--	--
21	1023	16	564	676	7.4	16.6	--	7.5	78	.1	.3
21	1023	20	564	675	7.4	16.6	--	7.5	78	--	--
21	1023	23	564	678	7.4	16.6	--	7.5	78	--	--
21	1024	26	564	675	7.4	16.6	--	7.5	78	--	--
21	1024	30	564	677	7.4	16.6	--	7.5	78	--	--
21	1025	33	564	678	7.4	16.6	--	7.5	78	<.1	.7
21	1025	36	564	677	7.4	16.6	--	7.5	77	--	--
21	1025	38	564	676	7.4	16.6	--	7.4	77	--	--
21	1033	.5	787	678	7.5	16.7	--	7.7	80	--	--
21	1033	3.3	787	678	7.5	16.6	--	7.7	80	--	--
21	1034	6.6	787	678	7.5	16.6	--	7.7	80	--	--
21	1034	9.8	787	678	7.4	16.6	--	7.7	80	--	--
21	1034	13	787	678	7.4	16.6	--	7.6	79	--	--
21	1035	16	787	678	7.4	16.6	--	7.6	79	--	--
21	1035	20	787	678	7.4	16.6	--	7.6	79	--	--
21	1035	23	787	678	7.4	16.6	--	7.6	78	--	--
21	1036	26	787	678	7.4	16.6	--	7.6	79	--	--
21	1036	30	787	678	7.4	16.6	--	7.6	79	--	--
21	1037	33	787	678	7.4	16.6	--	7.6	79	--	--
21	1037	36	787	678	7.4	16.6	--	7.6	79	--	--
21	1037	39	787	678	7.4	16.6	--	7.6	79	--	--
21	1038	43	787	678	7.4	16.6	--	7.6	79	--	--
21	1038	45	787	677	7.4	16.6	--	7.6	79	--	--
21	1042	.5	1,014	677	7.4	16.8	--	7.7	80	--	--
21	1042	3.3	1,014	679	7.5	16.7	--	7.7	80	--	--
21	1043	6.6	1,014	676	7.5	16.6	--	7.7	80	--	--
21	1043	9.8	1,014	676	7.4	16.6	--	7.6	79	--	--
21	1043	13	1,014	677	7.4	16.6	--	7.6	79	--	--
21	1044	16	1,014	678	7.4	16.6	--	7.6	79	--	--

Table 28.--Water-quality data for station 390721081443001, Ohio River, at river mile 203.6 (June to October 1991)--continued.

[ft = feet; μS/cm = microsiemens per centimeter; °C = degrees Celsius; in. = inches; mg/L = milligrams per liter; μg/L = micrograms per liter; -- = data not collected; < = less than]

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)	Chlorophyll-*a* (μg/L)	Pheophytin (μg/L)
October											
21	1044	20	1,014	678	7.4	16.6	--	7.6	79	--	--
21	1044	23	1,014	678	7.4	16.6	--	7.6	79	--	--
21	1045	26	1,014	677	7.4	16.6	--	7.6	79	--	--
21	1045	30	1,014	677	7.4	16.6	--	7.6	79	--	--
21	1046	33	1,014	677	7.4	16.6	--	7.6	79	--	--
21	1046	36	1,014	677	7.4	16.6	--	7.6	79	--	--
21	1046	39	1,014	677	7.4	16.6	--	7.6	78	--	--
21	1047	43	1,014	677	7.4	16.6	--	7.5	78	--	--
21	1047	46	1,014	677	7.4	16.6	--	7.5	78	--	--
21	1047	49	1,014	677	7.4	16.6	--	7.5	78	--	--