ANALYSIS OF STREAMFLOW SAMPLES COLLECTED AT SPECIAL-STUDY SITES
HIGH-VOLUME RIVER WATER-QUALITY SAMPLING PROJECT

The Ohio River Valley Water Sanitation Commission (ORSANCO) developed and initiated the Ohio River Watershed Pollutant Program in 1995. The long-term goal of the Program is to generate information relevant to reducing levels of pollutants known to interfere with the beneficial uses of the Ohio River. As a part of the Program, ORSANCO has entered into an agreement with the U.S. Geological Survey to perform high-volume river water-quality sampling for priority pollutants from the mainstem of the Ohio River and some of its major tributaries. These water-quality data presented below were collected at seven sites in Pennsylvania in April 2001.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
MISCELLANEOUS STATION ANALYSES

DATE	TIME	DEPTH BOTTOM AT SAMPLE LOCATION, (FEET) (81903)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	SAMPLING METHOD, CODES (82398)	OXYGEN, DISSOLVED (MG/L) (00300)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	SPECIFIC CONDUCTANCE (µS/CM) (00095)	TEMPERATURE WATER (DEG C) (00010)	SEDIMENT, SUSPENDED (MG/L) (80154)
402559079582501 MONONGAHELA RIVER MILE 1.5, PA (LAT 40 25 59N LONG 079 58 25W)									
APR 2001									
24...	1030	6.50	--	50	9.9	7.4	302	14.6	12
24...	1130	6.60	--	50	9.9	7.4	302	14.7	11
24...	1200	--	--	10	9.8	7.6	304	14.9	14
24...	1230	6.60	--	50	9.8	7.5	304	14.7	11
24...	1330	6.40	--	50	9.8	7.4	307	14.8	11
24...	1430	6.60	--	50	9.8	7.5	308	14.9	12
24...	1530	6.70	--	50	9.8	7.5	310	14.9	12
24...	1630	7.20	--	50	9.8	7.5	312	15.0	12
24...	1650	--	13800	20	9.9	7.6	316	15.2	10
24...	1730	7.10	--	50	9.8	7.5	315	15.0	11
402659079593701 ALLEGHENY RIVER AT PITTSBURGH, PA (LAT 40 26 59N LONG 079 59 37W)									
APR 2001									
23...	1130	6.80	--	50	11.3	7.5	209	9.5	11
23...	1230	6.80	--	50	11.3	7.8	211	9.7	13
23...	1320	--	--	10	11.4	7.3	207	9.6	12
23...	1330	6.60	--	50	11.3	7.9	210	9.8	12
23...	1430	6.70	--	50	11.5	8.0	213	10	12
23...	1530	6.60	--	50	11.7	8.1	214	10.2	13
23...	1625	--	35500	20	11.2	7.4	209	10.1	10
23...	1630	6.50	--	50	11.6	8.2	215	10.3	13
23...	1730	6.30	--	50	11.5	8.3	214	10.5	12
23...	1830	6.60	--	50	11.4	8.3	213	10.5	13
402905080032601 OHIO RIVER MILE 4.0, PA (LAT 40 29 05N LONG 080 03 26W)									
APR 2001									
25...	1015	7.70	--	50	11.3	7.3	250	11.6	11
25...	1045	--	--	10	11.4	7.4	220	11.8	11
25...	1115	8.20	--	50	11.4	7.4	228	11.7	9
25...	1215	7.80	--	50	11.3	7.4	240	11.8	9
25...	1315	8.10	--	50	11.3	7.4	238	11.9	7
25...	1415	7.80	--	50	11.3	7.4	235	11.9	8
25...	1515	7.80	--	50	11.2	7.4	225	12.1	9
25...	1545	--	38700	20	11.4	7.5	223	12.2	12
25...	1615	7.70	--	50	11.1	7.4	238	12.2	4
25...	1715	7.80	--	50	11.1	7.4	240	12.4	9
403142080102101 OHIO RIVER MILE 10.9, PA (LAT 40 31 42N LONG 080 10 21W)									
APR 2001									
26...	0915	6.90	--	50	10.8	7.3	250	12.3	10
26...	1015	6.70	--	50	10.7	7.3	251	12.4	11
26...	1035	--	--	10	10.5	7.4	251	12.8	8
26...	1115	6.70	--	50	10.7	7.4	251	12.5	8
26...	1215	6.70	--	50	10.7	7.4	252	12.7	8
26...	1315	6.70	--	50	10.7	7.4	252	12.9	11
26...	1415	6.70	--	50	10.7	7.4	254	13.1	7
26...	1445	--	35600	20	10.7	7.5	250	13.1	10
26...	1515	6.70	--	50	10.7	7.4	253	13.2	6
26...	1615	6.70	--	50	10.7	7.4	255	13.6	9

ANALYSIS OF STREAMFLOW SAMPLES COLLECTED AT SPECIAL-STUDY SITES
HIGH-VOLUME RIVER WATER-QUALITY SAMPLING PROJECT--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
MISCELLANEOUS STATION ANALYSES

DATE	TIME	DEPTH BOTTOM AT SAMPLE LOCATION, (FEET) (81903)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	SAMPLING METHOD, CODES (82398)	OXYGEN, DISSOLVED (MG/L) (00300)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	SPECIFIC CONDUCTANCE (µS/CM) (00095)	TEMPERATURE WATER (DEG C) (00010)	SEDIMENT, SUSPENDED (MG/L) (80154)
403827080140801 OHIO RIVER MILE 20.2, PA (LAT 40 38 27N LONG 080 14 08W)									
APR 2001									
27...	1015	6.70	--	50	10.8	7.5	265	13.3	10
27...	1115	6.40	--	50	10.8	7.5	258	13.4	13
27...	1125	--	--	10	10.9	7.4	243	13.2	11
27...	1215	6.40	--	50	10.9	7.5	260	13.6	14
27...	1315	6.40	--	50	10.9	7.5	258	13.7	17
27...	1415	6.30	--	50	10.9	7.5	260	13.8	17
27...	1515	6.40	--	50	10.9	7.5	261	13.9	14
27...	1600	--	35600	20	10.9	7.5	248	13.8	14
27...	1615	6.50	--	50	10.8	7.6	262	14.0	14
27...	1715	6.00	--	50	10.8	7.6	261	14.0	23
403909080221401 OHIO RIVER MILE 30.9, PA (LAT 40 39 09N LONG 080 22 14W)									
APR 2001									
28...	1115	5.90	--	50	10.8	7.8	280	14.4	9
28...	1140	--	--	10	11.4	7.7	301	14.1	5
28...	1215	5.80	--	50	10.8	7.9	278	14.4	10
28...	1315	5.80	--	50	10.9	7.9	278	14.4	9
28...	1415	6.00	--	50	11.0	7.7	277	14.4	11
28...	1515	6.00	--	50	11.1	7.8	277	14.5	10
28...	1615	5.80	--	50	11.7	8.0	277	14.6	8
28...	1638	--	24000	20	11.5	7.8	295	14.3	8
28...	1715	5.50	--	50	11.3	8.0	278	14.8	9
28...	1815	5.50	--	50	11.3	8.0	278	14.8	7
404251080180401 BEAVER RIVER MILE 1.5, PA (LAT 40 42 51N LONG 080 18 04W)									
APR 2001									
30...	1000	5.40	--	50	10.2	7.9	473	14.7	13
30...	1100	5.40	--	50	10.3	8.0	474	14.9	15
30...	1200	5.40	--	50	10.6	8.1	474	15.4	12
30...	1205	--	--	10	10.5	7.9	473	15.2	14
30...	1300	5.20	--	50	10.7	8.1	474	15.6	14
30...	1400	5.40	--	50	10.8	8.2	473	16.1	14
30...	1500	5.20	--	50	10.8	8.2	473	16.5	13
30...	1545	--	2400	20	10.8	8.1	472	16.6	12
30...	1600	5.30	--	50	10.8	8.2	473	16.8	12
30...	1700	5.30	--	50	10.7	8.3	473	17.1	14