

	Sample Collection Date	Flow (cu.ft/sec.)	Suspended solids (mg/L)	Sulfate (mg/L)	Total Hardness (mg/L)	Total Phosphorus (mg/L)	TOC (mg/l)	Ammonia-N (mg/L)	Nitrate/Nitrite-N (mg/L)	TKN	Chlorides (mg/L)	Phenolics (ug/L)	Cyanide (mg/L)
Pittsburgh	01/13/05	85,800	31.9	46	68	0.051	2.29	0.03	0.784	0.841	12		
MP -7.4	03/09/05	33,900	25.3	49	104	0.321	3.04	0.06	1.370	0.918	40		
(Allegheny)	05/10/05	12,300	10.8	44	82	0.062	5.00	<0.03	0.563	1.170	26	<5.0	
S. Pittsburgh	01/13/05	88,400	260	80	96	0.390	3.38	0.04	0.815	1.850	8		<0.005
MP -4.5	03/09/05	61,000	71.0	80	140	0.365	2.07	0.11	1.130	0.948	35		<0.005
(Monongahela)	05/10/05	4,400	7.71	96	114	0.027	4.39	0.09	0.727	1.120	18	<5.0	
Beaver Falls	01/13/05	35,700	175.0	56	100	0.298	3.40	0.04	0.775	1.670	26		0.006
MP -5.3	03/09/05	13,300	53.0	39	108	0.374	6.11	0.11	1.510	1.380	63		<0.005
(Beaver)	05/10/05	2,200	9.2	94	150	0.051	12.00	<0.03	0.793	1.800	42	<5.0	
New Cumberland	01/20/05	No	12.5	64	88	0.036	1.98	0.06	1.010	0.889	16		<0.005
MP 54.4	03/16/05	Flow	8.0	70	116	0.048	2.41	0.08	0.882	0.687	53		<0.005
	05/12/05	Available	8.4	64	104	0.052	5.36	<0.03	0.851	1.160	22	<5.0	
Pike Island	01/20/05	93,300	17.0	66	92	0.052	2.15	0.06	0.976	1.160	16		<0.005
MP 84.2	03/16/05	42,700	12.8	70	152	0.043	2.50	0.08	0.866	0.510	56		<0.005
	05/12/05	19,200	7.6	78	120	<0.010	5.26	<0.03	0.507	0.801	20	<5.0	
Hannibal	01/20/05	94,800	23.4	72	92	0.034	2.00	0.05	1.000	0.699	16		<0.005
MP 126.4	03/16/05	43,600	11.0	80	80		2.93	0.08	0.813	0.722	43		<0.005
	05/12/05	19,600	7.2	90	134	0.027	5.47	<0.03	0.773	1.010	24	<5.0	
Willow Island	01/04/05	92,000	44.0	68	108	0.067	2.16	0.14	0.694	1.150	23		<0.005
MP 161.8	03/15/05	49,800	9.5	80	128	0.048	2.30	0.07	0.822	0.545	41		<0.005
	05/04/05	54,500	11.7	76	126	0.040	5.93	<0.03	0.694	1.520	24	<5.0	
Marietta	01/03/05	20,900	73.0	95	196	0.219	2.87	0.09	2.190	1.370	47		
MP -0.8	03/14/05	10,200	19.3	100	104	0.340	7.23	0.04	1.230	1.280	44		
(Muskingum)	05/03/05	16,500	35.2	82	190	0.065	10.20	<0.03	1.510	1.210	22	<5.0	

	Sample Collection Date	Flow (cu.ft/sec.)	Suspended solids (mg/L)	Sulfate (mg/L)	Total Hardness (mg/L)	Total Phosphorus (mg/L)	TOC (mg/l)	Ammonia-N (mg/L)	Nitrate/Nitrite-N (mg/L)	TKN	Chlorides (mg/L)	Phenolics (ug/L)	Cyanide (mg/L)
Belleville	01/04/05	129,100	46.0	80	128	0.111	2.39	0.10	1.160	1.240	28		<0.005
MP 203.9	03/15/05	67,900	14.8	90	140	0.108	3.08	0.06	0.846	0.425	42		<0.005
	05/04/05	78,100	18.6	84	146	0.042	7.07	<0.03	0.929	1.220	26	<5.0	
Winfield	01/04/05	No	<5.0	44	76	0.021	1.40	0.13	0.727	0.589	11		
MP -31.1 (Kanawha)	03/15/05	Flow	7.6	40	64	0.072	1.98	<0.03	0.664	0.568	19		
	05/04/05	Available	25.0	24	58	0.046	4.37	<0.03	0.790	1.370	2	<5.0	
R.C. Byrd	01/04/05	120,700	13.5	64	112	0.057	1.81	0.09	0.943	0.990	21		0.006
MP 279.2	03/15/05	114,300	16.0	50	96	0.064	2.24	0.05	0.786	0.721	30		<0.005
	05/04/05	127,800	21.3	34	68	0.062	5.00	0.03	0.608	1.420	7	<5.0	
Louisa	01/03/05	3,400	10.0	160	196	0.027	1.40	0.06	0.611	0.255	14		
MP -20.3 (Big Sandy)	03/14/05	9,900	24.0	110	160	0.289	3.89	<0.03	0.526	0.612	19		
	05/03/05	22,300	NS	NS	NS	0.068	5.46	<0.03	0.544	1.470		<5.0	
Greenup	01/03/05	99,800	13.3	82	124	0.057	2.13	0.09	0.990	0.583	22		
MP 341.0	03/23/05	98,800	11.6	66	132	0.064	2.67	0.04	0.728	0.488	31		
	05/24/05	79,100	16.4	80	132	0.029	6.82	<0.03	0.647	2.540	24	<5.0	
Lucasville	01/03/05	23,800	126.0	130	272	0.431	5.90	0.18	3.680	2.160	47		
MP -15.0 (Scioto)	03/14/05	6,500	9.2	70	224	0.369	7.77	0.11	1.960	1.080	49		
	05/03/05	11,000	40.7	54	232	0.063	18.10	0.16	4.460	1.940	28	<5.0	
Meldahl	01/30/05	138,400	30.7	58	128	0.080	6.11	0.04	1.180	1.730	20		
MP 436.2	03/23/05	99,300	10.0	60	144	0.045	2.96	0.03	0.781	0.359	31		
	05/22/05	130,100	23.0	90	140	0.057	8.22	0.03	0.690	1.890	22	<5.0	
Newtown	01/30/05	2,900	11.2	26	184	0.145	7.00	0.06	1.770	1.180	58		
MP -7.5 (Little Miami)	03/24/05	5,800	128.0	30	208	0.062	12.90	<0.03	0.398	0.329	57		
	05/22/05	1,100	11.2	38	150	0.021	20.60	0.06	2.270	2.560	60	<5.0	

NS = NO SAMPLE

	Sample Collection Date	Flow (cu.ft/sec.)	Suspended solids (mg/L)	Sulfate (mg/L)	Total Hardness (mg/L)	Total Phosphorus (mg/L)	TOC (mg/l)	Ammonia-N (mg/L)	Nitrate/Nitrite-N (mg/L)	TKN	Chlorides (mg/L)	Phenolics (ug/L)	Cyanide (mg/L)
Covington	01/30/05	6,000	21.2	36	132	0.038	6.11	0.03	0.719	0.621	10		
MP -4.7	03/24/05	3,500	9.6	46	200	0.076	4.76	<0.03	0.399	0.490	21		
(Licking)	05/22/05	3,400	32.0	47	160	0.098	12.70	0.03	0.338	1.900	10	<5.0	
Anderson Ferry	01/25/05	178,800	59.0	52	120	0.126	2.64	0.06	1.110	1.540	20		
MP 477.5	03/24/05	124,400	28.0	60	148	0.104	4.35	0.07	0.839	0.586	36		
	05/11/05	69,200	12.7	68	132	0.047	7.25	0.11	0.926	0.804	21	<5.0	
Elizabethtown	01/30/05	No	19.6	42	284	0.082	5.33	0.07	2.970	1.820	51		
MP -5.2	03/24/05	Flow	27.0	52	312	0.153	9.26	0.04	1.890	1.090	22		
(Great Miami)	05/22/05	Available	65.3	45	264	0.197	16.10	0.04	4.990	2.550	40	<5.0	
Markland	01/30/05	165,400	3.5	56	140	0.088	3.60	0.06	1.410	1.020	22		
MP 531.5	03/24/05	132,500	10.8	64	148	0.045	3.06	0.06	0.826	0.439	72		
	05/22/05	133,000	22.8	76	148	0.053	8.23	0.06	0.964	2.240	28	<5.0	
Louisville	01/26/05	198,000	52.0	50	128	0.117	3.67	0.05	1.260	1.740	16		
MP 600.6	03/22/05	112,000	20.0	58	148	0.095	3.54	0.04	0.967	0.727	45		
	05/31/05	60,700	64.0	76	164	0.091	8.93	<0.03	0.911	2.140	28	<5.0	
West Point	01/26/05	198,000	61.3	54	132	0.154	4.87	0.10	1.200	2.180	18		
MP 625.9	03/22/05	112,000	102.0	66	180	0.292	4.56	0.16	0.951	1.050	57		
	05/31/05	60,700	19.7	84	160	0.055	8.83	0.17	0.965	2.100	32	<5.0	
Cannelton	01/06/05	362,900	356.0	75	168	0.748	3.54	0.03	1.460	2.340	18		
MP 720.7	03/22/05	118,600	25.6	62	148	0.077	3.26	0.05	0.885	0.569	37		
	05/23/05	151,700	53.3	69	144	0.127	10.40	0.03	1.120	2.220	22	<5.0	
Sebree	01/06/05	No	54.0	52	104	<0.010	3.69	0.03	1.150	0.455	6.5		
MP -41.3	03/03/05	Flow	30.7	41	152	0.022	2.61	<0.03	1.390	0.801	12		
(Green)	05/12/05	Available	32.5	52	136	0.078	7.44	<0.03	1.160	1.200	2	<5.0	

	Sample Collection Date	Flow (cu.ft/sec.)	Suspended solids (mg/L)	Sulfate (mg/L)	Total Hardness (mg/L)	Total Phosphorus (mg/L)	TOC (mg/l)	Ammonia-N (mg/L)	Nitrate/Nitrite-N (mg/L)	TKN	Chlorides (mg/L)	Phenolics (ug/L)	Cyanide (mg/L)
Newburgh MP 776.1	01/06/05	352,400	212.0	70	148	0.371	3.49	0.03	1.370	1.710	21		
	03/03/05	187,300	38.7	40	144	0.060	2.70	0.05	1.190	0.915	24		
	05/12/05	97,500	34.4	62	128	0.045	7.79	<0.03	1.180	1.290	14	<5.0	
J.T. Myers MP 846.0	01/06/05	394,900	153.0	60	148	0.145	3.36	0.07	1.210	0.972	25		
	03/03/05	243,500	44.0	40	144	0.056	2.83	0.05	1.180	0.827	22		
	05/12/05	126,300	45.0	56	124	0.054	8.37	<0.03	1.080	1.150	11	<5.0	
Route 62 Bridge MP -28.5 (Wabash)	01/06/05	No	220.0	60	152	0.305	5.09	0.05	1.640	1.050	16		
	03/03/05	Flow	31.0	44	240	0.096	4.55	0.03	3.360	1.110	21		
	05/12/05	Available	71.2	56	248	0.085	20.20	<0.03	2.340	2.450	28	<5.0	
Smithland MP 918.5	01/03/05	318,700	94.0	70	176	0.230	2.95	0.10	1.480	1.050	28		
	03/01/05	282,400	37.6	48	176	0.090	11.60	0.10	2.220	0.924	100		
	05/04/05	323,800	75.0	58	178	0.049	10.50	<0.03	2.290	1.550	51	<5.0	
Pinkneyville MP -16.0 (Cumberland)	01/03/05	48,000	18.0	26	112	0.130	2.39	0.06	0.960	0.745	39		
	03/01/05	50,000	16.5	21	116	0.073	8.14	0.03	0.701	0.698	41		
	05/04/05	49,000	15.0	16	108	0.025	6.54	<0.03	0.457	1.420	39	<5.0	
Paducah MP -6.0 (Tennessee)	01/03/05	85,000	7.2	16	60	0.091	2.17	0.06	0.534	0.609	48		
	03/01/05	173,000	10.0	14	72	0.030	6.47	0.05	0.507	0.668	37		
	05/04/05	60,000	7.1	10	74	0.048	6.08	0.04	0.340	1.960	31	<5.0	
Lock & Dam 52 MP 938.9	01/03/05	No	94.0	70	152	0.222	2.86	0.07	1.330	0.969	50		
	03/01/05	Flow	88.8	47	172	0.140	11.70	0.04	2.110	0.994	61		
	05/04/05	Available	95.0	54	174	0.086	10.40	<0.03	2.220	0.954	41	<5.0	