

	Sample Collection Date	Flow (cu.ft/sec.)	Suspended solids (mg/L)	Sulfate (mg/L)	Total Hardness (mg/L)	Total Phosphorus (mg/L)	Ammonia-N (mg/L)	Nitrate/Nitrite-N (mg/L)
Pittsburgh	01/12/06	26,000	7.8	50	64	0.029	0.05	0.622
MP -7.4	03/14/06	31,000	29.7	64	120	0.058	0.05	0.597
(Allegheny)	05/07/06	10,300	6.6	68	108	0.011	<0.03	0.666
S. Pittsburgh	01/12/06	12,600	8.4	50	100	0.043	0.07	0.835
MP -4.5	03/14/06	27,300	15.5	116	120	0.05	0.15	0.72
(Monongahela)	05/07/06	4,700	11.2	80	124	0.039	<0.03	1.02
Beaver Falls	01/12/06	4,000	7.8	90	156	0.098	0.15	1.14
MP -5.3	03/14/06	17,900	255	70	120	0.566	0.11	1.05
(Beaver)	05/07/06	1,700	10.2	82	180	0.120	0.10	1.65
New Cumberland	01/04/06	No	39.7	65	108	0.11	0.13	1.14
MP 54.4	03/07/06	Flow	2.86	76	120	0.021	0.10	0.931
	05/04/06	Available	4.2	64	100	0.027	<0.03	1.23
Pike Island	01/04/06	106,900	45.5	75	116	0.111	0.12	1.01
MP 84.2	03/07/06	18,300	2.86	82	128	0.025	0.09	0.897
	05/04/06	23,400	2.8	70	108	0.021	<0.03	0.735
Hannibal	01/04/06	109,300	77	75	120	0.135	0.11	1.02
MP 126.4	03/13/06	64,200	24.3	88	128	0.066	0.05	0.914
	05/03/06	26,300	2	70	104	<0.010	0.03	0.904
Willow Island	01/03/06	84,700	39.3	90	120	0.092	0.13	0.948
MP 161.8	03/13/06	79,100	32	82	120	0.066	0.03	0.864
	05/03/06	27,300	3.6	62	100	0.014	<0.03	0.966
Marietta	01/02/06	8,500	20.3	95	220	0.129	0.12	2.12
MP -0.8	03/08/06	4,200	11.5	118	268	0.098	<0.03	1.46
(Muskingum)	05/10/06	3,500	22.3	128	248	0.076	<0.03	0.728
Belleville	01/03/06	115,300	53	90	140	0.136	0.12	1.18
MP 203.9	03/09/06	30,200	5.71	90	144	0.05	<0.03	0.918
	05/11/06	19,400	4.4	86	140	<0.010	<0.03	0.74
Winfield	01/03/06	No	11.3	35	56	0.085	0.04	0.681
MP -31.1	03/09/06	Flow	2.8	48	72	0.044	0.07	0.61
(Kanawha)	05/11/06	Available	6.8	46	80	0.017	0.03	0.8
R.C. Byrd	01/03/06	129,400	18.7	65	100	0.116	0.09	0.785

MP 279.2	03/09/06	40,300	22.5	72	116	0.076	<0.03	0.801
	05/11/06	30,400	12.2	62	100	0.032	0.03	0.875
Louisa MP -20.3 (Big Sandy)	01/02/06	1,800	12	190	224	0.04	<0.03	0.576
	03/08/06	1,600	3.2	136	212	0.065	<0.03	0.413
	05/10/06	2,500	13.8	142	200	0.042	<0.03	0.518
Greenup MP 341.0	01/19/06	174,800	70	80	112	0.181	0.05	0.724
	03/07/06	41,800	16.5	76	136	0.036	<0.03	0.823
	05/10/06	57,700	7.4	72	108	0.023	<0.03	0.663
Lucasville MP -15.0 (Scioto)	01/02/06	9,200	54	80	236	0.259	0.13	4.54
	03/08/06	2,200	6.4	90	316	0.113	0.03	2.81
	05/10/06	2,000	41.6	86	268	0.166	0.03	0.99
Meldahl MP 436.2	01/19/06	166,700	58.5	80	128	0.128	0.05	1.09
	03/07/06	41,900	11	76	132	0.073	0.03	0.893
	05/10/06	42,700	6.2	68	108	<0.010	0.04	0.592
Newtown MP -7.5 (Little Miami)	01/12/06	4,200	34.3	45	216	0.26	0.06	1.64
	03/27/06	1,500	10.6	48	252	0.162	0.06	2.25
	05/08/06	500	5.2	50	304	0.233	0.03	2.09
Covington MP -4.7 (Licking)	01/12/06	2,400	34	55	156	0.2	0.18	0.351
	03/27/06	1,500	10.4	54	180	0.14	<0.03	0.967
	05/08/06	1,000	18	42	168	0.087	<0.03	0.228
Anderson Ferry MP 477.5	01/12/06	106,300	34.7	60	136	0.123	0.12	1.24
	03/27/06	62,200	44.8	80	144	0.104	0.17	1.28
	05/08/06	51,200	12.4	70	120	0.038	0.11	0.61
Elizabethtown MP -5.2 (Great Miami)	01/12/06	No	20.3	110	352	0.244	0.09	3.58
	03/27/06	Flow	10	56	332	0.14	0.03	3.1
	05/08/06	Available	30	54	284	0.108	<0.03	1.81
Markland MP 531.5	01/20/06	211,400	72	75	140	0.197	0.06	1.24
	03/06/06	59,900	12	74	140	0.089	0.06	1.19
	05/10/06	43,000	2	66	152	0.022	0.08	0.858
Louisville MP 600.6	01/26/06	348,800	240	75	160	0.596	0.04	1.3
	03/27/06	82,200	19.5	74	164	0.15	0.07	1.42
	05/22/06	128,000	24	66	148	0.118	0.08	1.45
West Point MP 625.9	01/26/06	348,800	125	75	128	0.339	0.07	1.21
	03/27/06	82,200	47	74	176	0.188	0.23	1.45
	05/22/06	128,000	27.3	64	144	0.209	0.16	1.44
Cannelton MP 720.7	01/25/06	307,100	270	85	148	0.434	0.06	1.29
	03/09/06	57,600	9.71	70	148	0.069	0.04	1.24
	05/09/06	51,900	5.25	64	132	0.041	0.04	0.812
Sebree	01/05/06	No	24	155	272	0.09	0.04	0.905

MP -41.3 (Green)	03/02/06	Flow	20	58	160	0.063	<0.03	1.5
	05/04/06	Available	38.8	58	152	0.072	0.07	1.48
Newburgh MP 776.1	01/05/06	190,700	86.5	65	152	0.222	0.08	1.77
	03/02/06	86,200	15.2	66	156	0.09	0.05	1.62
	05/04/06	127,500	24	70	140	0.077	0.04	0.809
J.T. Myers MP 846.0	01/05/06	234,800	78.5	65	160	0.198	0.09	1.6
	03/02/06	107,000	11.8	66	160	0.1	0.09	1.48
	05/04/06	176,700	36.3	68	132	0.093	<0.03	1
Route 62 Bridge MP -28.5 (Wabash)	01/05/06	No	158	45	268	0.364	0.08	5.49
	03/02/06	Flow	69.5	72	280	0.207	0.03	4.19
	05/04/06	Available	121	62	252	0.237	0.05	3.67
Smithland MP 918.5	01/03/06	207,100	37.3	65	156	0.148	0.14	1.54
	03/08/06	75,500	11	70	188	0.076	<0.03	1.9
	05/16/06	142,600	21.8	62	172	0.107	0.07	2.14
Pinkneyville MP -16.0 (Cumberland)	01/03/06	13,000	9	35	108	0.065	<0.03	0.194
	03/14/06	30,000	45.7	32	124	0.146	<0.03	0.521
	05/18/06	12,000	13.8	26	64	0.068	<0.03	0.284
Paducah MP -6.0 (Tennessee)	01/03/06	22,000	10	45	84	0.085	<0.03	0.474
	03/08/06	38,000	10.7	18	68	0.048	<0.03	0.506
	05/16/06	25,000	8.2	18	72	0.064	0.04	0.324
Lock & Dam 52 MP 938.9	01/03/06	No	58	70	156	0.159	0.14	1.56
	03/08/06	Flow	28.5	66	188	0.111	0.09	1.8
	05/16/06	Available	30.5	60	164	0.121	0.07	2.04

Chlorides (mg/L)	Phenolics (ug/L)	Cyanide (mg/L)
26	<5.0	
40	<5.0	
22	<5.0	
24	<5.0	<0.005
34	<5.0	<0.005
18	<5.0	
60	<5.0	<0.005
52	<5.0	<0.005
64	<5.0	
46	<5.0	<0.005
50	<5.0	<0.005
30	<5.0	
40	<5.0	<0.005
40	<5.0	<0.005
28	<5.0	
36	<5.0	<0.005
38	<5.0	<0.005
32	<5.0	
40	<5.0	<0.005
52	<5.0	<0.005
28	<5.0	
44	<5.0	
48	<5.0	
42	<5.0	
40	<5.0	<0.005
30	<5.0	<0.005
38	<5.0	
12	<5.0	
14	<5.0	
14	<5.0	
26	<5.0	<0.005

36	<5.0	<0.005
26	<5.0	
12	<5.0	
22	<5.0	
16	<5.0	
26	<5.0	
40	<5.0	
30	<5.0	
36	<5.0	
58	<5.0	
50	<5.0	
56	<5.0	
38	<5.0	
30	<5.0	
56	<5.0	
62	<5.0	
72	<5.0	
20	<5.0	
16	<5.0	
12	<5.0	
38	<5.0	
42	<5.0	
22	<5.0	
66	<5.0	
56	<5.0	
44	<5.0	
34	<5.0	
26	<5.0	
28	<5.0	
26	<5.0	
30	<5.0	
36	<5.0	
24	<5.0	
36	<5.0	
30	<5.0	
22	<5.0	
40	<5.0	
22	<5.0	
18	<5.0	

14	<5.0
14	<5.0
34	<5.0
44	<5.0
18	<5.0
36	<5.0
36	<5.0
20	<5.0
38	<5.0
36	<5.0
26	<5.0
42	<5.0
34	<5.0
26	<5.0
38	<5.0
12	<5.0
10	<5.0
50	<5.0
20	<5.0
16	<5.0
92	<5.0
32	<5.0
26	<5.0