

	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 (mg/L)	Chlorides (mg/L)
Pittsburgh MP -7.4 (Allegheny)	01/23/08	14,900	5.11	52	72	<0.01	1.7	0.04	0.645	0.189	26
	03/12/08	50,300	13.8	46	64	0.019	1.41	0.05	0.772	0.326	20
	05/19/08	29,300	13.8	50	84	<0.01	2	0.05	0.404	0.341	30
S. Pittsburgh MP -4.5 (Monongahela)	01/23/08	12,200	10.4	82	92	0.017	1.6	0.07	0.644	0.259	22
	03/12/08	26,900	77.7	64	96	0.08	1.73	0.07	0.681	0.351	20
	05/19/08	56,200	53.2	50	72	0.054	2.19	0.06	0.392	0.702	22
Beaver Falls MP -5.3 (Beaver)	01/23/08	3,400	4.94	64	136	0.075	3.8	0.1	1.36	0.716	52
	03/12/08	12,300	41.1	48	100	0.119	3.55	0.14	1.12	0.768	64
	05/19/08	4,900	11.6	54	112	0.053	4.15	0.07	0.832	0.796	54
New Cumberland MP 54.4	01/08/08	No	10.2	56	148	0.028	2.2	0.1	0.899	0.446	28
	03/18/08	Flow	16.5	53	84	0.028	2.07	0.07	0.835	0.302	32
	05/28/08	Available	6.67	60	88	0.024	2.29	0.06	0.581	1.96	16
Pike Island MP 84.2	01/08/08	62,800	11.2	56	104	0.031	2.2	<0.03	0.862	0.429	26
	03/18/08	86,400	21	66	88	0.04	2.24	0.08	0.811	0.383	40
	05/28/08	28,500	5.67	62	80	0.032	2.32	0.06	0.55	0.87	14
Hannibal MP 126.4	01/09/08	59,000	11.2	60	104	0.032	2.3	0.1	0.821	0.418	28
	03/26/08	84,200	25.3	63	88	<0.01	2.1	0.05	0.817	0.248	24
	05/15/08	73,100	8.33	72	92	0.028	2.56	0.05	0.564	0.489	48
Willow Island MP 161.8	01/09/08	60,700	15.6	64	88	0.021	2.1	0.13	0.825	0.484	28
	03/26/08	86,600	28	61	88	0.012	2.12	0.06	0.825	0.4	30
	05/15/08	75,100	14.5	78	96	0.017	2.53	0.05	0.578	0.439	34

Marietta MP -0.8 (Muskingum)	01/09/08	8,000	12.4	110	216	0.063	2.7	0.11	1.95	0.538	48
	03/26/08	36,100	52	67	112	0.085	4.37	0.08	1.47	0.506	18
	05/15/08	20,700	79	82	172	0.163	4.46	0.05	1.18	1.12	38
Belleville MP 203.9	01/07/08	67,000	9	62	99	0.033	2.4	0.14	0.99	0.427	34
	03/13/08	138,000	48.7	63	104	0.115	2.94	0.07	1	0.562	30
	05/19/08	121,700	28.6	70	108	0.043	2.74	0.04	0.668	0.419	12
Winfield MP -31.1 (Kanawha)	01/16/08	No	16.8	22	44	<0.01	1.8	<0.03	0.733	0.266	6
	03/12/08	Flow	19.8	32	48	0.032	2.31	0.06	0.624	0.249	10
	05/21/08	Available	77.7	28	76	0.104	2.62	0.03	0.329	0.861	2
R.C. Byrd MP 279.2	01/07/08	76,400	12.8	50	92	0.036	2.1	0.09	0.914	0.39	22
	03/13/08	178,600	48.3	43	72	0.084	2.98	0.06	0.799	0.458	26
	05/19/08	165,400	32	148	68	0.039	2.34	0.04	0.444	0.475	30
Louisa MP -20.3 (Big Sandy)	01/16/08	3,500	25.3	146	180	0.021	2.3	<0.03	0.889	0.32	14
	03/12/08	9,800	82.3	116	132	0.083	2.03	0.07	0.56	0.514	12
	05/21/08	2,300	19.4	140	132	<0.01	1.8	0.03	0.335	0.302	2
Greenup MP 341.0	01/29/08	45,400	9.33	66	100	0.058	2.3	<0.03	1.03	0.409	24
	03/20/08	268,500	76	57	92	0.107	3.72	0.05	0.857	0.597	24
	05/29/08	74,200	10.6	64	84	0.047	2.72	0.06	0.533	0.712	16
Lucasville MP -15.0 (Scioto)	01/16/08	9,800	78.7	48	200	0.287	5.1	<0.03	3.11	1	32
	03/12/08	28,900	116	40	168	0.282	7.04	0.06	2.36	0.811	42
	05/21/08	16,800	130	36	148	0.188	4.94	0.05	2.28	0.971	16
Meldahl MP 436.2	01/28/08	46,800	14	68	96	0.067	2.1	0.05	0.878	0.454	24
	03/26/08	242,400	90.8	50	124	0.109	3.68	<0.03	0.904	0.652	28
	05/29/08	79,700	8.67	146	96	0.058	2.92	0.05	0.653	0.183	14
Newtown MP -7.5 (Little Miami)	01/10/08	4,000	94.4	48	168	0.293	5.8	0.07	2.13	1.49	74
	03/19/08	66,900	708	12	168	1.08	9.36	0.07	0.762	2.69	24
	05/20/08	5,600	270	38	140	0.443	6.69	0.1	1.13	2.2	16

Covington MP -4.7 (Licking)	01/10/08	2,900	88	40	164	0.189	3.6	0.03	1.01	0.612	16
	03/26/08	5,400	24.5	34	164	0.055	2.61	<0.03	1.08	0.363	4
	05/20/08	5,900	34.5	32	136	0.093	4.07	0.05	0.6	0.656	6
Anderson Ferry MP 477.5	01/09/08	112,100	33.8	58	144	0.063	2.7	0.11	1.06	0.551	34
	03/24/08	409,700	168	45	108	0.181	4.53	0.05	0.82	0.956	28
	05/13/08	225,900	73.2	78	128	0.105	3.12	0.1	0.577	0.806	46
Elizabethtown MP -5.2 (Great Miami)	01/10/08	No	471	30	252	0.869	6.8	0.03	2.56	2.65	30
	03/19/08	Flow	960	7	356	1.32	8.05	0.08	1.55	3.32	22
	05/20/08	Available	154	40	240	0.338	5.39	0.05	2.67	1.43	30
Markland MP 531.5	01/09/08	128,800	16.4	56	144	0.038	2.6	0.11	1.11	0.581	38
	03/24/08	440,600	238	44	124	0.202	4.98	0.04	0.857	0.942	32
	05/13/08	247,500	54.9	68	128	0.1	3.37	0.07	0.995	0.869	42
Louisville MP 600.6	01/15/08	304,000	60	50	116	0.177	4	0.04	1.49	0.545	22
	03/20/08	523,100	252	25	116	0.534	6.8	0.05	0.944	1.73	20
	05/20/08	259,900	1450	102	160	1.78	7.21	0.18	0.589	4.69	16
West Point MP 625.9	01/15/08	304,000	124	52	136	0.28	3.5	0.18	1.55	0.927	28
	03/20/08	523,100	200	33	120	0.469	5.67	0.05	1.06	1.51	22
	05/20/08	259,900	171	52	96	0.245	4.54	0.06	0.83	0.982	14
Cannelton MP 720.7	01/23/08	114,600	25.6	58	124	0.093	2.7	<0.03	1.49	0.503	24
	03/18/08	320,100	83	42	152	0.195	3.29	<0.03	1.34	0.535	38
	05/21/08	272,300	96.3	46	112	0.174	4.12	0.04	0.902	2.77	16
Sebree MP -41.3 (Green)	01/10/08	No	48.3	58	132	0.084	3.1	0.11	1.8	0.652	12
	03/06/08	Flow	283	30	84	0.316	5.97	0.05	1.01	1.14	8
	05/01/08	Available	23	52	132	0.048	2.6	0.04	1.09	0.589	16
Newburgh MP 776.1	01/10/08	181,900	76.3	68	128	0.137	3	0.17	1.44	0.667	34
	03/06/08	358,300	173	56	136	0.259	3.7	0.05	1.25	0.695	32
	05/01/08	98,700	22.6	72	152	0.045	2.31	<0.03	0.883	0.517	34
J.T. Myers	01/10/08	191,800	81.6	58	128	0.136	2.9	0.05	1.59	0.754	34

MP 846.0	03/06/08	373,400	102	86	116	0.225	3.39	0.03	1.14	1.07	34
	05/01/08	125,800	12.8	58	144	0.036	2.28	<0.03	0.901	0.455	16
Route 62 Bridge MP -28.5 (Wabash)	01/10/08	No	173	56	248	0.455	4.3	0.05	4.97	1.27	42
	03/06/08	Flow	201	38	168	0.389	7.98	0.05	2.53	1.17	28
	05/01/08	Available	66.4	62	256	0.149	3.61	0.04	1.56	1.43	40
Smithland MP 918.5	01/24/08	185,100	86	52	164	0.227	4.1	<0.03	2.87	0.655	20
	03/17/08	591,700	68	40	184	0.207	4.36	0.03	1.84	0.503	86
	05/22/08	429,200	239	42	144	0.375	4.77	0.08	1.65	1.13	16
Pinkneyville MP -16.0 (Cumberland)	01/23/08	24,000	13.6	28	120	0.089	2.7	<0.03	1.56	0.432	8
	03/17/08	56,000	15	29	152	0.075	2.89	<0.03	1.03	0.394	6
	05/21/08	7,000	11.8	20	96	0.056	2.54	0.06	0.477	0.57	2
Paducah MP -6.0 (Tennessee)	01/23/08	35,000	5.67	20	72	0.052	2.4	<0.03	0.479	0.432	16
	03/17/08	81,000	8.5	18	96	0.046	3.19	0.03	0.339	0.373	50
	05/21/08	20,000	10.2	144	44	0.036	3.96	0.05	0.21	0.722	8
Lock & Dam 52 MP 938.9	01/24/08	No	124	42	164	0.305	3.9	<0.03	3.03	0.957	22
	03/17/08	Flow	64	40	104	0.2	4.96	<0.03	1.71	0.548	38
	05/22/08	Available	513	148	176	0.518	5.14	0.1	1.47	1.85	12

Phenolics (ug/L)	Cyanide (mg/L)
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