

Legend

- Study Area Boundary
- Appendix A Sample Locations
- Appendix B Sample Locations

Stream Classifications

- Diverse
- Variable
- First Use
- Dry

Wetlands

- Delineated Wetlands
- Cumberland West Panel Layout

Appendix A Sample Table

Map ID	Sample ID	TYPE	DEP Code	River Mile	Longitude	Latitude
1	WOD1	Diverse	40598	0.367 MI.	-80.264408	39.858559
2	PC_T3	Diverse	40603	0.89 MI.	-80.248873	39.820203
3	PC_T2a	Diverse	40609	1.07 MI.	-80.258555	39.849198
4	MR_3	Diverse	40607	0.63 MI.	-80.239904	39.831282
5	TH_1	Diverse	40611	0.30 MI.	-80.268979	39.834463
6	PC_T1	Diverse	40592	0.11 MI.	-80.24339	39.840181
7	PC_T2	Diverse	40609	0.09 MI.	-80.260809	39.837764
8	PC_3	Diverse	40592	7.9 MI.	-80.264754	39.851923
9	TH_T1	Diverse	40612	0.03 MI.	-80.26999	39.834963
10	TH_T2	Diverse	40613	0.02 MI.	-80.267987	39.835399
15	TH_T1a	Diverse	40612	0.05 MI.	-80.260668	39.838015
17	SR_T1	Diverse	40604	0.01 MI.	-80.229244	39.839112
18	SR_T3	Diverse	40604	0.02 MI.	-80.229347	39.828641
19	SR_4	Diverse	40604	1.5 MI.	-80.229064	39.827755
20	PC_T1a	Diverse	40592	0.06 MI.	-80.232371	39.843563
22	WOD_T1	Diverse	40598	0.04 MI.	-80.263308	39.859101
23	MR_T2	Diverse	40607	0.05 MI.	-80.241511	39.82965
24	PC_1a	Diverse	40592	3.72 MI.	-80.237276	39.842696
26	PC_T2b_DIV	Diverse	40610	0.02 MI.	-80.266273	39.84461
27	PC_T2A1_DIV	Diverse	40609	0.06 MI.	-80.262871	39.850528
28	WOD_T4_DIV	Diverse	40598	0.07 MI.	-80.26065	39.860317
29	WOD_T1b_DIV	Diverse	40598	0.02 MI.	-80.263836	39.87206
30	SR_T8_DIV	Diverse	40605	0.05 MI.	-80.230258	39.844071
31	MR_T2_DIV	Diverse	40607	0.33 MI.	-80.246989	39.851089
34	PC_T3_HWT2_DIV	Diverse	40603	0.012 MI.	-80.263359	39.853583
43	MR_T2b_DIV	Diverse	40607	0.01 MI.	-80.247111	39.830906
44	PC_T1a_FU	First Use	40592	0.01 MI.	-80.248809	39.842682
45	PC_T1_FU	First Use	40592	0.54 MI.	-80.248487	39.844675
46	PC_T2A1_FU	First Use	40609	0.19 MI.	-80.260722	39.850465
47	PC_T2a_FU	First Use	40609	0.03 MI.	-80.259189	39.853105
48	WOD_T1a_FU	First Use	40598	0.007 MI.	-80.254825	39.858979
49	WOD1_FU	First Use	40598	0.74 MI.	-80.260839	39.860601
50	WOD_T2_FU	First Use	40598	0.01 MI.	-80.259649	39.859015
61	SR_T3_FU	First Use	40604	0.29 MI.	-80.234194	39.829792
62	SR_T1_FU	First Use	40604	0.25 MI.	-80.232341	39.830597
63	MR_T10_FU	First Use	40607	0.02 MI.	-80.239146	39.832988
64	PC_T13_FU	First Use	40592	0.09 MI.	-80.24832	39.835565
65	TH_T1c_FU	First Use	40612	0.01 MI.	-80.268748	39.843101
66	PC_T3a_FU	First Use	40603	0.02 MI.	-80.260207	39.851729
67	PC_T3F_FU	First Use	40603	0.01 MI.	-80.261446	39.852745
68	MR_T2b_FU	First Use	40607	0.056 MI.	-80.240068	39.830391
69	MR_T2_FU	First Use	40607	0.36	-80.247428	39.831487
63	PC_T3_HWT2_FU	First Use	40603	0.02 MI.	-80.263038	39.853925
65	PC_T3_FU	First Use	40603	1.03 MI.	-80.263505	39.853875
67	PC_T1a_FU	First Use	40592	0.56 MI.	-80.246882	39.847299
73	PC_T1a_VAR	Variable	40592	0.23 MI.	-80.247165	39.845644
73	PC_T1_VAR	Variable	40592	0.21 MI.	-80.244576	39.841289
74	SR_T1_VAR	Variable	40604	0.07 MI.	-80.23005	39.838819
75	PC_T2A1_VAR	Variable	40609	0.14 MI.	-80.26981	39.850402
76	PC_T2a_VAR	Variable	40609	1.25 MI.	-80.267693	39.85121
77	WOD_T1_VAR	Variable	40598	0.09 MI.	-80.263474	39.860273
78	WOD_T1a_VAR	Variable	40598	0.03 MI.	-80.259463	39.859992
79	WOD1_VAR	Variable	40598	1.55 MI.	-80.259887	39.859333
80	PC_T13_VAR	Variable	40592	0.02 MI.	-80.248799	39.83662
81	PC_T12_VAR	Variable	40592	0.07 MI.	-80.253721	39.836854
82	TH_T1_VAR	Variable	40612	0.69 MI.	-80.268827	39.842877
83	PC_T3E_VAR	Variable	40603	0.06 MI.	-80.262625	39.852882
84	MR_T3_VAR	Variable	40607	0.02 MI.	-80.249254	39.836074
85	PC_T3_VAR	Variable	40603	0.69 MI.	-80.262744	39.853159
85	PC_T2b_VAR	Variable	40610	0.18 MI.	-80.269372	39.845536
96	PC_T1a_VAR	Variable	40592	0.49 MI.	-80.244591	39.847168
97	TH_T2_VAR	Variable	40613	0.26 MI.	-80.268402	39.838712

Appendix B Sample Table

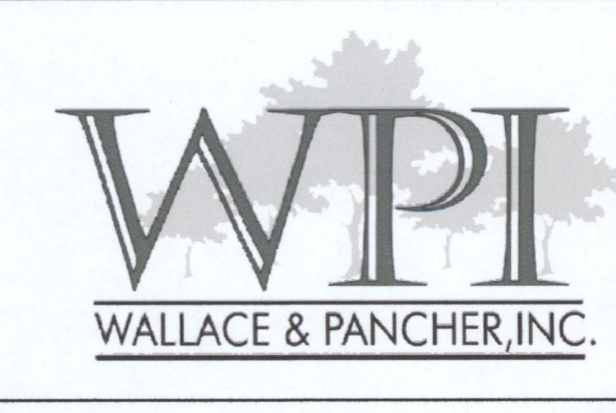
Sample ID	River Mile	DEP Code	Longitude	Latitude
MR_2	0.64 MI.	40607	-80.239938	39.839114
MR10	0.64 MI.	40607	-80.240237	39.839369
PC_T1	0.11 MI.	40592	-80.244221	39.841065
PC_3	7.9 MI.	40592	-80.263788	39.833943
PC_1	5.0 MI.	40592	-80.242284	39.83904
TH_1	0.24 MI.	40611	-80.268907	39.834854
SR_1	0.46 MI.	40604	-80.229548	39.840707
SR_2	0.9 MI.	40604	-80.225042	39.835910
SR_3	1.19 MI.	40604	-80.228008	39.832793
SR_4	1.5 MI.	40604	-80.229023	39.828302
PC_2	6.72 MI.	40592	-80.249791	39.836721
MR_1	0.99 MI.	40607	-80.240418	39.839099
PC_Ta	3.72 MI.	40592	-80.237123	39.843511
PC_T1a	0.06 MI.	40592	-80.237949	39.843538
TH_T1	0.11 MI.	40612	-80.2606	39.836148
PC_T2a	0.27 MI.	40609	-80.251355	39.838951
PC_T2c	0.81 MI.	40609	-80.256114	39.84463
PC_T2b	0.09 MI.	40610	-80.266395	39.844939
SR_T3	0.02 MI.	40605	-80.239024	39.843871
SR_T1	0.01 MI.	40604	-80.229198	39.839288
SR_T3	0.03 MI.	40604	-80.229394	39.829752
MR_T2	0.08 MI.	40607	-80.241939	39.829643
TH_T2a	0.04 MI.	40613	-80.268169	39.836975
TH_T3	0.64 MI.	40612	-80.264331	39.841464

DATE: APRIL 12, 2007
 REVISIONS: FEBRUARY 28, 2008
 OCTOBER 13, 2008

PROJECT:
CUMBERLAND WEST ADDITIONAL AREA
 FIGURE 15) 2) D)
 APPENDIX A STREAM CLASSIFICATIONS AND SAMPLE POINTS,
 APPENDIX B SAMPLE LOCATIONS AND DELINEATED WETLANDS

PREPARED FOR:
CUMBERLAND COAL RESOURCES, LP
 158 PORTAL RD.
 WAYNESBURG, PA 15370

WALLACE & PANCHER, INC.
 1085 S. HERMITAGE RD.
 HERMITAGE, PA 16148
 PHONE: (724) 981-0155 FAX: (724) 981-0156
 ENGINEERING AND ENVIRONMENTAL CONSULTING



1 INCH EQUALS 600 FEET
 600 300 0 600 FEET

DRAWN: JTS
 CHECKED: JEB/BKP/LMD
 REVIEWED: JEB/LMD
 PROJ. #: 10376
 SHEET NO. **1**
 OF 2

