

The Effects of Subsidence Resulting from Underground Bituminous Coal Mining on Surface Structures and Features and on Water Resources, 2003 to 2008 – University of Pittsburgh

APPENDIX G1: Undermined Wetlands during the 3rd Assessment Period Sorted by Mine.
Wetland types are defined by Cowardin et al 1979, except as noted.

Wetland Type	ID*	Panel	Area, acres
Enlow Fork Mine			
PUB	4845	F1	0.76
PUB	6464	E8	0.60
PEM	5943	E7	0.23
PUB	6463	E7	0.57
PUB	5401	E4	0.29
PUB	588	E4	0.22
PUB	2095	E3	0.68
PEM	205	E3	0.66
PEM	587	E3	0.57
PEM	2445	E1	0.91
PEM	7037	F14	2.27
Unknown	0	F12	0.08
Unknown	0	F12	0.08
PUB	7039	F13	0.18
PUB	4847	F12	0.17
PUB	4350	F14	0.18
PEM	5942	F14	1.33
Unknown	14	E18	0.04
PUB	7040	E18	0.43
Unknown	16	E18	0.03
Unknown	15	E19	0.23
Unknown	15	E19	0.23
PEM	5394	F10	0.31
Bailey Mine			
R5UBH	200	CD,2D,3D	16.71
R5UBH	1706	5H, 6H, 7H	12.00
R5UBH	1720	3D, 4D	7.01
R5UBH	1328	8C, 9C	7.00
PEM	7028	8E	0.71
PUB	3796	7E	0.33
PUB	2841	2E	0.23
PUB	2842	8C	0.56
PFO	1327	9C	1.41
Unknown	10	9I	0.10
Unknown	9	10I	0.48
PEM	1707	10I	0.36
PEM	176	11I	0.51
PEM	568	11I	3.07
PFO	569	12I	1.57
PEM	1709	12I, 13I	1.70
Unknown	12	11I	0.02
PEM	178	14I	2.98

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Wetland Type	ID*	Panel	Area, acres
Blacksville No.2 Mine			
PUB	2903	22M	0.10
PUB	265	17-M	0.12
PEM	1786	7N	0.66
PEM/SS	1787	5N	2.41
PEM	1039	3N	0.27
PUB	2153	2N	0.21
PUB	1788	2N	0.43
PUB	1394	2N	0.24
PUB	2510	2N	0.42
PUB	1393	1N	0.22
PFO	1785	1N	0.33
PFO	2908	9S	0.10
PUB	2515	2R	0.25
PUB	2517	6R	0.21
PUB	1789	6R	0.53
Emerald Mine			
PUB	1397	2N	0.44
PUB	2519	4N	0.72
PUB	2521	4N	1.34
PUB	2160	4N	0.91
PSS	2524	5N	0.54
PUB	1795	7N	0.28
PUB	2159	7H	0.33
PUB	2518	8N	0.21
Cumberland Mine			
PUB	1048	LW46	0.54
PEM	2990	LW46	0.45
PUB	1793	LW45	0.20
PUB	2520	LW44	0.39
PEM	354	LW39	0.94
PEM	357	LW39	0.62
Dilworth Mine (Closed)			
PFO	3031	10F	4.08
PUB	763	3F	0.68
PSS	2269	1E	0.80
PEM	408	1E	0.23
PEM	766	1E	0.28
PUB	1142	2E	0.23
Mine Eighty-Four			
PUB	6122	6N	0.58
PFO	5593	6N	5.37
PUB	7250	5N	1.29
PUB	7248	3S	0.53
PEM	6119	3S	2.58
PEM	6644	4S	0.59

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Wetland Type	ID*	Panel	Area, acres
PUB	3999	4S	0.18
PUB	7252	4S	0.16
PUB	4533	8S	0.41

* - ID refers to internal codes used by the source organization to identify wetland records.

APPENDIX G2: Wetland Inventory for the Enlow Fork Mine, Panels F12 to F18 Permit Revision.

Panel	Gate Road Entry*	USFWS Classification	Acres
E18		PEM/PSS	0.38
E18		PEM	0.04
E18		PEM	1.17
E18		PEM	0.53
E18		PEM	0.04
E18		PEM	0.08
E18		PEM	0.56
E18		PEM	0.02
E18		PEM	0.21
E18		PEM	0.07
E18		PEM	0.38
E18		PEM	0.01
E18		PEM	0.06
E18		PEM	0.07
E18		PEM	0.03
E18		PEM	0.03
E14		PEM	0.19
E14		PEM/SS	0.13
E12		PEM	0.93
E13		PEM	1.80
E13		PEM/FO	0.31
E17		PEM	0.26
F17		PEM	0.89
F16		PEM	0.28
F16		PEM	0.23
F15	F16	PEM	0.14
F13	11A	PFO/EM	0.02
F14	11A	PEM	0.25
E16	13A	PEM	0.35
E16	14A	PEM/SS	1.89
E16	15A	PEM/SS	0.09
E14	E15	PEM	1.57
F12	17A	PEM	0.02
F12	F13-1B	PEM	0.28
F12	F13-2B	PEM	0.32
F12		PEM	0.25
F12		PEM	0.34
F12-4B		PEM	0.04
F12-5B		PEM	0.14
F12-6B		PEM	0.24
F12-7B		PEM	0.98
F12-8B		PEM	1.17

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F12-9B		PEM	0.04
F13-10B		PEM	0.02
F13	F14-11B	PEM	0.09
F13-13B		PEM	0.55
F12	F13-14B	PEM	0.06
E12-15B		PEM	0.08
F15-16B		PEM	0.43
F15	F16-17B	PEM	0.10
F16-18B		PEM	0.02
F16-19B		PEM	1.26
F16-20B		PEM	0.06
F17-21B		PEM	0.06
F17-22B		PEM	0.08
F17-23B		PEM	0.03

* - Wetlands over gate road areas are listed with the name or number of the adjacent longwall panel

APPENDIX G3: Wetland Inventory for the Cumberland Mine, Collected in 2004.

Wetland	2004 Delineation Acreage
Dyers Fork 2	0.97
Dyers Fork 4	1.24
Dyers Fork 5	0.36
Dyers Fork 6	0.59
Dyers Fork 7	2.08
Dyers Fork 8	0.19
Dyers Fork 9	1.54
Dyers Fork 10	2.58
Dyers Fork 11	0.17
Dyers Fork 12	0.16
Dyers Fork 13	5.23
Dyers Fork 14	0.34
Dyers Fork 15	0.36
Dyers Fork 16	0.47
Dyers Fork 17	0.25
Dyers Fork 18	0.66
Dyers Fork 19	0.15
Dyers Fork 20	0.16
Dyers Fork 21	0.08
Dyers Fork 29	3.52
Dutch Run 1	6.32
Dutch Run 2	0.66
Dutch Run 27	13.66
Dutch Run 28	1.2
Dutch Run 29	0.65
Dutch Run 30	8.06
Dutch Run 31	0.92
Dutch Run 32	0.52
Dutch Run 33	0.07
Dutch Run 34	0.13
Dutch Run 35	0.1
Dutch Run 36	0.11
Dutch Run 37	0.09
Dutch Run 38	0.17
Dutch Run 39	0.13
Mount Phoebe 1	0.16
Mount Phoebe 2	0.08
Mount Phoebe 3	0.15
Mount Phoebe 4	0.31
Whitely Creek 1	0.41

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Whitely Creek 2	0.78
Whitely Creek 3	0.59
Whitely Creek 4	2.28
Whitely Creek 5	4.99
Total	63.64