

FORM 8.12A - WETLAND INVENTORY

Operator: The Marshall County Coal Co.
 Operation Name: Marshall County Mine
 Permit No.: Pending
 Watershed: Ohio River

Date: July 2019
Pre-mining

Date: _____
Post-mining

Wetland Number	Premining Wetland Size by Cowardin Classification			Postmining Wetland Size by Cowardin Classification			Chapter 105 Classification		Primary Wetland Function							Anticipated Adverse Impact to Wetland		Type of Adverse Impact to Wetland		Mitigation Action	
	PEM	PSS	PFO	PEM	PSS	PFO	EV	Other	General Habitat	Study Area	Flood Storage	Discharge Area	Recharge Area	Pollution Prevention	Other	No	Yes	Dewatering	Inundation	Gate Cutting	Compensatory Replacement
WL1	4.65	0.82							X		X	X		X	X	X					
WL2	0.084	0.026	0.02						X		X	X		X	X	X					
WL3	0.04								X				X	X	X	X					
WL4	0.08	0.01	0.01						X		X	X	X	X	X	X					
WL5	0.13	0.007	0.003						X		X			X	X	X					
WL6	0.614	0.013	0.033						X		X			X	X	X					
WL7	0.03								X		X			X	X	X					
WL8	0.01								X		X			X		X					
WL9	0.04								X		X			X		X					
WL10	1.34								X		X			X	X	X					
WL11	0.51								X		X			X	X	X					
WL12	0.21	0.064	0.006						X		X			X	X	X					
WL13	0.045	0.015							X		X			X	X	X					
WL14	0.06								X		X			X	X	X					
WL15	0.088		0.022						X		X			X	X	X					
WL16	0.188	0.025	0.037						X		X			X	X	X					
WL17	0.4								X		X	X		X	X	X					
WL18	0.087	0.002	0.001						X		X			X	X	X					
WL19	0.06								X		X	X		X	X	X					
WL20	0.090								X		X	X		X	X	X					

Notes: See Binder 2 of 2, Module 8, Exhibit 8.12A for Field Data Sheets

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WL21	0.126		0.014						X		X	X	X	X	X	X					
WL22	0.812	0.058	0.29						X		X	X		X	X	X					
WL23	0.126	0.004	0.01						X		X	X		X	X	X					
WL24	0.152		0.008						X		X			X	X	X					
WL25	0.729	0.024	0.057						X		X	X		X	X	X					
WL26	0.048		0.002											X	X	X					
WL27	0.072		0.008						X		X			X	X	X					
WL28	0.030								X		X			X	X	X					
WL29	0.029		0.001						X		X			X	X	X					
WL30	0.047		0.003						X		X	X		X	X	X					
WL31	0.009		0.001											X		X					
WL32	0.086		0.004						X		X			X	X	X					
WL33	0.387		0.043						X		X			X	X	X					
WL34	0.020								X					X		X					
WL35	0.017	0.002	0.001						X		X	X		X		X					
WL36	0.16								X		X			X	X	X					
WL37	0.098		0.002						X		X			X	X	X					
WL38	0.004											X		X	X	X					
WL39	0.10											X		X		X					
WL40	0.130													X	X	X					

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WL41	0.04											X		X		X					
WL42	0.03										X			X		X					
WL43	0.02													X	X	X					
WL44	0.029	0.001												X	X	X					
WL45	0.050													X	X	X					
WL46	0.112	0.002	0.006						X					X	X	X					
WL47	0.180		0.02						X		X			X	X	X					
WL48	0.108		0.012						X		X			X	X	X					
WL49	0.285		0.015						X		X	X		X	X	X					
WL50	0.010											X			X	X					
WL51	0.252	0.014	0.014						X		X	X		X	X	X					
WL52	0.130	0.005	0.015						X		X	X		X	X	X					
WL53	0.110															X					
WL54	0.050								X							X					
WL55	0.095	0.003	0.002						X		X	X		X	X	X					
WL56	0.216	0.013	0.041						X		X	X		X	X	X					
WL57	0.015	0.005									X			X	X	X					
WL58	0.030											X	X			X					
WL59	0.040															X					
WL60	0.470										X			X		X					

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	PEM	PSS	PFO	PEM	PSS	PFO					Flood Storage	Discharge Area	Recharge Area	Pollution Prevention	Other	No	Yes	Dewatering	Inundation	Gate Cutting	Compensatory Replacement	
WL61	0.03															X						
WL62	0.08										X				X							
WL63	0.03														X							
WL64	0.27										X				X							
WL65	0.02										X		X		X							
WL66	0.14										X				X							
WL67	1.34								X		X	X	X		X							
WL68	0.050															X						
WL69	0.77										X			X	X	X						
WL70	0.114		0.006								X				X	X						
WL71	0.14										X				X	X						
WL72	0.19										X				X	X						
WL73	0.10														X	X						
WL74	0.12														X	X						
WL75	1.85										X				X	X						
WL76	0.45															X						
TOTAL	19.904	1.113	0.707																			
	21.724																					
	+/-																					

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