

TABLE W3
Wetland Inventory and Functions Summary
Greene County, Pennsylvania
The Monongalia County Coal Company

Date: Spring 2005 to Summer 2009
pre-mining
Summer 2011 to Summer 2020
post-mining

Permit Application #: 30841312.00
Mine: Monongalia County Mine
Watershed: Monongahela

Wetland Identification	Pre-mining Wetland Size by Cowardin Classification			Post-mining Wetland Size by Cowardin Classification			Chapter 105 Classification	Primary Wetland Function										Post-mining Wetland Acreage Loss	Type of Adverse Impact to Wetland	Mitigative Action		
	PEM	PSS	PFO	PEM	PSS	PFO		EV	Other	General habitat	Study area	Flood storage	Discharge area	Recharge area	Pollution prevention	Recreation	Other				No	Yes
6W Panel																						
Blacksville-15B	0.005						X															
Blacksville-21B	0.012						X															
Blacksville-22B (6W)	0.827						X	X	X			X										
Blacksville-25B	0.030						X															
Blacksville-26B	0.019						X															
Blacksville-56B	0.348						X	X														
Blacksville-57B	0.004						X															
Blacksville-58B	0.028						X															
Blacksville-88B	0.222						X	X	X			X										
Blacksville-90B	0.034						X															
Blacksville-91B	0.253						X		X			X										
Blacksville-92B	0.027						X															
Blacksville-22F	0.093						X															
Blacksville-23F	1.608	0.078					X	X	X			X										
Summary 6W Panel	3.510	0.078	0.000																			
	3.588																					
	+ / -			Not complete																		

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	PEM	PSS	PFO	PEM	PSS	PFO		EV	Other	General habitat	Study area	Flood storage	Discharge area	Recharge area				Pollution prevention	Recreation	Other	No	Yes
7W Panel																						
Blacksville-14B	0.015						X															
Blacksville-16B	0.024	0.024					X															
Blacksville-20B		0.012					X															
Blacksville-22B (7W)	2.588						X	X	X			X										
Blacksville-23B	0.012						X															
Blacksville-24B	0.097						X															
Blacksville-33B	0.010						X															
Blacksville-36B	0.030						X															
Blacksville-44B	0.065						X															
Blacksville-45B	0.048						X															
Blacksville-46B	0.018						X															
Blacksville-47B	0.066						X															
Blacksville-55B	0.083						X															
Blacksville-72B	0.012						X															
Blacksville-77B	0.090						X															
Blacksville-78B	0.103						X	X	X			X										
Blacksville-79B	0.040						X															

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	PEM	PSS	PFO	PEM	PSS	PFO	EV	Other	General habitat	Study area	Flood storage	Discharge area	Recharge area	Pollution prevention	Recreation	Other	No	Yes	Dewatering	Inundation	Gate Cutting	Compensatory Replacement
Blacksville-80B	0.028	0.027					X															
Blacksville-81B	0.116						X	X					X									
Blacksville-24F	0.022						X															
Blacksville-25F	0.076						X															
Blacksville-26F	0.005						X															
Summary 7W Panel	3.548	0.063	0.000																			
	3.611																					
	+ / -			Not complete																		

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	PEM	PSS	PFO	PEM	PSS	PFO		EV	Other	General habitat	Study area	Flood storage	Discharge area	Recharge area				Pollution prevention	Recreation	Other	No	Yes
8W Panel																						
Blacksville-17B	0.056						X															
Blacksville-18B	0.022	0.022					X															
Blacksville-19B	0.019						X															
Blacksville-31B	0.018						X															
Blacksville-32B	0.010						X															
Blacksville-34B	0.023						X															
Blacksville-35B	0.024						X															
Blacksville-48B	0.004						X															
Blacksville-59B	0.013						X															
Blacksville-62B	1.794						X			X		X										
Blacksville-63B	0.052						X															
Blacksville-64B	0.057						X															
Blacksville-66B	0.021						X															
Blacksville-67B	0.213						X															
Blacksville-73B	0.009						X															
Blacksville-83B	0.018						X															
Blacksville-19F	0.057						X															

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	PEM	PSS	PFO	PEM	PSS	PFO	EV	Other	General habitat	Study area	Flood storage	Discharge area	Recharge area	Pollution prevention	Recreation	Other	No	Yes	Dewatering	Inundation	Gate Cutting	Compensatory Replacement
Blacksville-20F	0.030						X															
Blacksville-21F	0.405						X	X	X			X										
Blacksville-33F	0.081						X															
Blacksville-34F	0.249						X			X	X											
Summary 8W Panel	3.175	0.022	0.000																			
	3.197																					
	+ / -			Not complete																		

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	PEM	PSS	PFO	PEM	PSS	PFO		EV	Other	General habitat	Study area	Flood storage	Discharge area	Recharge area	Pollution prevention	Recreation	Other				No	Yes	Dewatering
9W Panel																							
Blacksville-60B	0.067						X																
Blacksville-61B	0.094						X																
Blacksville-65B	0.053						X																
Blacksville-82B	0.014						X																
Blacksville-84B	0.294						X	X															
Blacksville-86B	0.026						X																
Blacksville-87B	0.015						X																
Blacksville-18F	0.048						X																
Blacksville-29F	0.032						X																
Blacksville-30F	0.259						X						X										
Blacksville-31F	0.027						X																
Blacksville-32F	0.711						X		X			X											
Blacksville-35F	0.045						X																
Blacksville-36F	0.041						X																
Blacksville-41F	0.028						X																
Blacksville-42F	0.063	0.062					X	X															
Blacksville-43F	0.034						X																

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	PEM	PSS	PFO	PEM	PSS	PFO		EV	Other	General habitat	Study area	Flood storage	Discharge area	Recharge area	Pollution prevention	Recreation	Other				No	Yes	Dewatering
Blacksville-46F	0.015						X																
Summary 9W Panel	1.866	0.062	0.000																				
	1.928																						
	+ / -			Not complete																			

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	PEM	PSS	PFO	PEM	PSS	PFO		EV	Other	General habitat	Study area	Flood storage	Discharge area	Recharge area	Pollution prevention	Recreation	Other				No	Yes
10W Panel																						
Blacksville-85B	0.107			0.666				X		X			X									
Blacksville-71E	0.559							X		X			X									
Blacksville-72E	0.033			0.033				X														
Blacksville-74E	0.031			0.012				X														
Blacksville-75E	0.665			0.665				X	X	X												
Blacksville-76E	0.037			0.037				X														
Blacksville-77E	0.057			0.210				X														
Blacksville-28F	0.026			0.026				X														
Summary 10W Panel	1.515	0.000	0.000	1.649																		
	1.515		1.649																			
	+ / -		0.134																			

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	PEM	PSS	PFO	PEM	PSS	PFO		EV	Other	General habitat	Study area	Flood storage	Discharge area	Recharge area				Pollution prevention	Recreation	Other	No	Yes	Dewatering	Inundation
11W Panel																								
Blacksville-89B	0.017			0.015				X																
Blacksville-93B	0.028			0.028				X																
Blacksville-1E	0.014			0.014				X																
Blacksville-3E	0.058			0.040				X																
Blacksville-4E	1.471			1.750				X	X	X			X											
Blacksville-14E	0.088			0.088				X																
Blacksville-16E	0.101			0.050				X			X		X											
Blacksville-17E	0.014			0.014				X																
Blacksville-31E	0.010			0.010				X																
Blacksville-32E	0.058			0.000				X																
Blacksville-33E	0.427			0.450				X		X			X											
Blacksville-34E	0.081			0.081				X																
Blacksville-109E	0.056			0.806				X																
150E				0.880				X																
Summary 11W Panel	2.423	0.000	0.000	4.226																				
	2.423			4.226																				
	+ / -			1.803																				

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	PEM	PSS	PFO	PEM	PSS	PFO		EV	Other	General habitat	Study area	Flood storage	Discharge area	Recharge area	Pollution prevention	Recreation	Other				No	Yes	Dewatering	Inundation
12W Panel																								
Blacksville-5E		0.094			0.200			X																
Blacksville-6E	0.019			0.190				X																
Blacksville-7E	0.959			1.070				X		X														
Blacksville-8E	0.958			1.070				X		X														
Blacksville-9E	0.958			1.080				X		X														
Blacksville-15E	0.749			0.540				X	X	X		X												
Blacksville-18E	0.037			0.020				X																
Blacksville-19E	0.032			0.020				X																
Blacksville-30E	0.030			0.010				X																
Blacksville-35E	0.053	0.053		0.450	0.030			X																
Blacksville-36E ³	0.000																							
Summary 12W Panel	3.795	0.147	0.000	4.450	0.230	0.000																		
	3.942			4.680																				
	+ / -			0.738																				

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	PEM	PSS	PFO	PEM	PSS	PFO		EV	Other	General habitat	Study area	Flood storage	Discharge area	Recharge area	Pollution prevention	Recreation	Other				No	Yes
13W Panel																						
Blacksville-34D	0.072	0.072		0.024	0.016			X			X						X	X				
Blacksville-2E ³	0.000			0.000													X					
Blacksville-10E	0.192			2.360				X		X			X									
Blacksville-28E	0.049			0.049				X														
Blacksville-29E	0.017			0.000				X														
Summary 13W Panel	0.330	0.072	0.000	2.433	0.016	0.000																
	0.402		2.449																			
	+ / -		2.047																			

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	PEM	PSS	PFO	PEM	PSS	PFO		EV	Other	General habitat	Study area	Flood storage	Discharge area	Recharge area				Pollution prevention	Recreation	Other	No	Yes
14W Panel																						
Blacksville-30D	0.047		0.083				X										X					
Blacksville-33D	0.042		0.823				X										X					
Blacksville-35D	0.040		0.020				X											X				
Blacksville-11E	0.534		0.541				X	X	X	X		X					X					
Blacksville-12E	0.392		0.290				X	X		X		X						X				
Blacksville-13E	0.025		0.014				X			X								X				
Blacksville-20E	0.231		0.247				X		X	X	X	X					X					
Blacksville-22E	0.483		0.525				X	X		X							X					
Blacksville-26E	0.057		0.057				X	X				X					X					
Blacksville-27E	0.150		0.232				X	X	X	X		X					X					
Blacksville-37E	0.027		0.028				X			X							X					
Blacksville-41E	0.305		0.142				X	X		X		X					X					
Blacksville-42E	0.133		0.027				X					X					X			X	X	
Blacksville-63E	0.035	0.035	0.052				X			X								X				
PM-Blacksville-17B			0.038				X										X					
PM-Blacksville-14B			0.128				X	X				X					X					
PM-Blacksville-16B			0.011				X										X					

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	PEM	PSS	PFO	PEM	PSS	PFO	EV	Other	General habitat	Study area	Flood storage	Discharge area	Recharge area	Pollution prevention	Recreation	Other	No	Yes	Dewatering	Inundation	Gate Cutting	Compensatory Replacement
PM-Blacksville-121A			0.034																			
PM-Blacksville-122A			0.002																			
PM-Blacksville-123A			0.436				X								X							
Summary 14W Panel	2.501	0.000	0.035	3.730	0.000	0.000																
	2.536		3.730																			
	+		1.194			acres																

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	PEM	PSS	PFO	PEM	PSS	PFO	EV	Other	General habitat	Study area	Flood storage	Discharge area	Recharge area	Pollution prevention	Recreation	Other	No	Yes	Dewatering	Inundation	Gate Cutting	Compensatory Replacement
15W Panel																						
Blacksville-36D	0.011			0.000				X									X					
Blacksville-21E ³	0.000			0.000				X													X	
Blacksville-38E	0.049			0.052				X			X	X									X	
Blacksville-40E	0.006			0.040				X	X		X										X	
Blacksville-43E	0.571			0.952				X													X	
PM-Blacksville-15B				0.074				X													X	
Summary 15W Panel	0.637	0.000	0.000	1.118	0.000	0.000																
	0.637			1.118																		
	+			0.481 acres																		

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	PEM	PSS	PFO	PEM	PSS	PFO		EV	Other	General habitat	Study area	Flood storage	Discharge area	Recharge area				Pollution prevention	Recreation	Other	No	Yes
16W Panel																						
Blacksville-37D	0.015			0.014				X										X ¹				
Blacksville-38D	0.439			0.132				X										X	X			
Blacksville-39E	0.000							X										X				
Blacksville-50E	0.409			0.330				X	X	X	X		X					X ²				
Blacksville-64E	0.427			0.520				X	X	X	X		X					X				
Blacksville-67E	0.524			0.644				X	X	X	X		X					X				
Blacksville-1F	0.028			0.438				X	X	X		X	X					X				
Blacksville-2F	0.035	0.034		0.632				X	X			X	X					X				
Blacksville-3F	0.011			0.010				X		X			X					X ¹				
Blacksville-5F	0.220	0.220		0.060				X	X	X	X		X					X ²				
PM-Blacksville-11B				0.055				X				X	X					X				
PM-Blacksville-12B				0.191				X		X			X					X				
PM-Blacksville-13B				0.223				X				X	X					X				
Summary 16W Panel	2.108	0.254	0.000	3.249	0.000	0.000	Notes: ¹ Only minor loss of post-mining wetland acreage; cause of loss undetermined; ² Impacts associated with recent access road construction.															
	2.362			3.249																		
	+			0.887 acres																		

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	PEM	PSS	PFO	PEM	PSS	PFO					
17W Panel											
Blacksville-48E	0.011			0.013				X			X
Blacksville-49E	0.100			0.004					X	X	
Blacksville-65E	0.019			0.000					X	X	
Blacksville-113E	0.023	0.023		0.030	0.029			X		X	
Blacksville-4F	0.033			0.005				X		X	
Blacksville-6F	0.029	0.028		0.101	0.019			X		X	
PM-Blacksville-18B				0.496					X	X	
PM-Blacksville-19B				0.006					X	X	
PM-Blacksville-20B				0.073					X	X	
PM-Blacksville-21B				0.025				X		X	
Summary 17W Panel	0.215	0.051	0.000	0.753	0.048	0.000					
	0.266			0.801							
	+			0.535			acres				

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	PEM	PSS	PFO	PEM	PSS	PFO		EV	Other	General habitat	Study area	Flood storage	Discharge area	Recharge area				Pollution prevention	Recreation	Other	No	Yes
18W Panel																						
Blacksville-24E	0.021	0.020		0.081				X			X	X				X						
Blacksville-44E	0.075			0.038				X	X		X	X				X ¹						
Blacksville-51E	0.047	0.046		0.122				X	X	X	X	X				X						
Blacksville-66E	0.012		0.012	0.037				X		X		X				X						
Blacksville-107E	0.342				0.279			X	X	X	X	X				X ²						
Blacksville-108E	0.129			0.086				X	X		X					X						
Blacksville-111E	0.026			0.040				X	X		X					X						
Blacksville-7F	0.168			0.130				X	X			X				X ²						
PM-Blacksville 124A				0.006				X	X	X	X	X	X	X		X						
PM-Blacksville 125A				0.028				X	X	X	X	X	X			X						
PM-Blacksville 126A				0.009				X	X	X	X	X	X			X						
PM-Blacksville 127A				0.014				X	X			X				X						
PM-Blacksville 128A				0.659				X	X	X		X	X			X						
PM-Blacksville 129A				0.006				X	X	X	X	X	X			X						
PM-Blacksville 130A				0.017				X	X		X		X			X						
PM-Blacksville 131A				0.048				X	X	X		X	X			X						
PM-Blacksville 132A				0.195				X		X		X				X						

TABLE W3
Wetland Inventory and Functions Summary
Greene County, Pennsylvania
The Monongalia County Coal Company

Date: Spring 2005 to Summer 2009
pre-mining
Summer 2011 to Summer 2020
post-mining

Permit Application #: 30841312.00
Mine: Monongalia County Mine
Watershed: Monongahela

Wetland Identification	Pre-mining Wetland Size by Cowardin Classification			Post-mining Wetland Size by Cowardin Classification			Chapter 105 Classification	Primary Wetland Function										Post-mining Wetland Acreage Loss	Type of Adverse Impact to Wetland	Mitigative Action	
	PEM	PSS	PFO	PEM	PSS	PFO		EV	Other	General habitat	Study area	Flood storage	Discharge area	Recharge area	Pollution prevention	Recreation	Other				No
Summary 18W Panel	0.820	0.066	0.012	1.516	0.279	0.000	Notes: ¹ Impacts associated with an active pasture. ² Only minor loss of post-mining wetland acreage; cause of loss undetermined														
	0.898		1.795																		
	+		0.897																		

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	PEM	PSS	PFO	PEM	PSS	PFO		EV	Other	General habitat	Study area	Flood storage	Discharge area	Recharge area				Pollution prevention	Recreation	Other	No	Yes
19W Panel																						
Blacksville-25E	0.018	0.017		0.006				X			X						X	X				
Blacksville-52E	0.170	0.170		1.092				X	X	X	X					X						
Blacksville-53E	0.022	0.022		0.080				X					X			X						
Blacksville-54E	0.122			0.060				X	X								X					
Blacksville-55E	0.090			0.065				X				X					X					
Blacksville-56E	1.125			2.987				X	X	X	X	X				X						
Blacksville-61E	0.476			1.098				X	X	X	X					X						
Blacksville-70E	0.027	0.027		0.102				X	X		X					X						
Blacksville-87E	0.380			0.228				X	X		X						X	X				
Blacksville-115E	0.015	0.014		0.009				X	X		X						X					
PM-Blacksville-24A				0.007							X		X			X						
PM-Blacksville-25A				0.011												X						
PM-Blacksville-26A				0.018												X						
PM-Blacksville-27A				0.021							X					X						
PM-Blacksville-28A				0.172					X		X	X	X			X						
PM-Blacksville-29A				0.032					X				X			X						
PM-Blacksville-30A				0.210									X			X						

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Greene County, Pennsylvania
The Monongalia County Coal Company

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Watershed: Monongahela

Wetland Identification	Pre-mining Wetland Size by Cowardin Classification			Post-mining Wetland Size by Cowardin Classification			Chapter 105 Classification		Primary Wetland Function							Post-mining Wetland Acreage Loss		Type of Adverse Impact to Wetland		Mitigative Action		
	PEM	PSS	PFO	PEM	PSS	PFO	EV	Other	General habitat	Study area	Flood storage	Discharge area	Recharge area	Pollution prevention	Recreation	Other	No	Yes	Dewatering	Inundation	Gate Cutting	Compensatory Replacement
PM-Blacksville-31A				0.031						X	X	X			X							
PM-Blacksville-32A					0.020			X					X		X							
PM-Blacksville-33A				0.019											X							
PM-Blacksville-34A				0.009						X	X	X			X							
PM-Blacksville-35A				0.010											X							
Summary 19W Panel	2.445	0.250	0.000	4.958	1.326																	
	2.695			6.284																		
	+			3.589																		

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Wetland Identification	Pre-mining Wetland Size by Cowardin Classification			Post-mining Wetland Size by Cowardin Classification			Chapter 105 Classification	Primary Wetland Function							Post-mining Wetland Acreage Loss	Type of Adverse Impact to Wetland	Mitigative Action						
	PEM	PSS	PFO	PEM	PSS	PFO		EV	Other	General habitat	Study area	Flood storage	Discharge area	Recharge area				Pollution prevention	Recreation	Other	No	Yes	Dewatering
20W Panel																							
**Blacksville-45E	0.109			0.000			0.109	X				X	X										
**Blacksville-46E	0.101			0.026			0.075	X				X	X										
**Blacksville-47E	0.036		0.035	0.042		0.020	0.009	X					X										
Blacksville-57E	0.054			0.140				X	X		X	X	X										
**Blacksville-59E	0.743			0.690			0.053	X	X		X	X	X										
Blacksville-60E ³	0.000			0.000				X															
**Blacksville-62E	0.034		0.033	0.034		0.033		X				X											
Blacksville-85E	0.060			0.27				X	X		X												
Blacksville-86E	0.036			0.019				X					X										
**Blacksville-95E	0.044			0.025			0.019	X	X		X												
Summary 20W Panel	1.217	0.000	0.068	1.246	0.000	0.053																	
	1.285			1.299			0.265	** - designates pre-mining landowner disturbance Associated with active pastureland (0.265 acres of total landowner disturbance)															
	+ / -			0.014																			

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Watershed: Monongahela

Wetland Identification	Pre-mining Wetland Size by Cowardin Classification			Post-mining Wetland Size by Cowardin Classification			Chapter 105 Classification	Primary Wetland Function							Post-mining Wetland Acreage Loss	Type of Adverse Impact to Wetland	Mitigative Action					
	PEM	PSS	PFO	PEM	PSS	PFO		EV	Other	General habitat	Study area	Flood storage	Discharge area	Recharge area				Pollution prevention	Recreation	Other	No	Yes
Outside of Panels																						
Blacksville-27B		0.024					X															
Blacksville-28B	0.031						X															
Blacksville-29B	0.019						X															
Blacksville-30B	0.097						X															
Blacksville-37B	0.029						X															
Blacksville-38B	0.037						X															
Blacksville-39B	0.117						X					X										
Blacksville-40B	0.105						X		X													
Blacksville-41B	0.070						X															
Blacksville-42B	1.931						X	X	X			X										
Blacksville-43B	0.117						X															
Blacksville-49B	0.865						X		X			X										
Blacksville-50B	0.294						X		X			X										
Blacksville-51B	0.442						X	X	X			X										
Blacksville-52B	0.159						X					X										
Blacksville-53B	0.058						X															
Blacksville-54B	0.056						X															

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	PEM	PSS	PFO	PEM	PSS	PFO	EV	Other	General habitat	Study area	Flood storage	Discharge area	Recharge area	Pollution prevention	Recreation	Other	No	Yes	Dewatering	Inundation	Gate Cutting	Compensatory Replacement
Blacksville-68B	0.195						X	X	X	X		X										
Blacksville-69B	0.043						X															
Blacksville-70B	0.053						X															
Blacksville-71B	0.305						X		X			X										
Blacksville-74B	0.011						X															
Blacksville-75B	0.119						X	X	X			X										
Blacksville-76B	0.033						X															
Blacksville-23E	0.002		0.001				X				X											
Blacksville-58E	0.163			0.254			X	X	X	X	X	X			X							
Blacksville-68E	0.698			0.836			X	X	X		X	X			X							
Blacksville-69E (within 1000' buffer)	1.545			0.550			X	X	X	X	X	X					X					
Blacksville-73E	0.015						X															
Blacksville-78E ³	0.000						X															
Blacksville-79E	0.615						X	X	X			X										
Blacksville-80E	0.361						X	X	X			X										
Blacksville-81E	0.038	0.037		0.006	0.005		X										X					
Blacksville-82E	0.077			0.049			X										X					
Blacksville-83E	0.202						X	X			X											

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	PEM	PSS	PFO	PEM	PSS	PFO		EV	Other	General habitat	Study area	Flood storage	Discharge area	Recharge area	Pollution prevention	Recreation	Other				No	Yes	Dewatering
Blacksville-84E	0.037						X																
Blacksville-86E	0.033						X						X										
Blacksville-91E	0.646						X	X		X	X		X										
Blacksville-92E	0.176						X																
Blacksville-93E	0.046						X																
Blacksville-94E	0.014						X																
Blacksville-95E	0.205						X	X		X			X										
Blacksville-96E	0.169						X	X			X												
Blacksville-97E	0.077						X	X					X										
Blacksville-98E	0.220						X	X			X												
Blacksville-99E	0.029						X				X												
Blacksville-100E	0.113						X	X		X	X		X										
Blacksville-101E	0.130			0.055			X	X		X			X				X						
Blacksville-102E	0.372						X	X			X		X										
Blacksville-103E	1.701						X	X		X	X		X										
Blacksville-104E	0.029			0.078			X			X	X	X	X			X							
Blacksville-105E	0.037						X	X			X												
Blacksville-110E	0.008			0.018	0.017		X									X							

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	PEM	PSS	PFO	PEM	PSS	PFO		EV	Other	General habitat	Study area	Flood storage	Discharge area	Recharge area	Pollution prevention	Recreation	Other				No	Yes	Dewatering
Blacksville-112E	0.017						X																
Blacksville-114E	1.126						X	X		X													
Blacksville-8F	0.436						X	X		X		X											
Blacksville-9F	0.075						X	X				X											
Blacksville-10F	0.088						X	X		X													
Blacksville-11F	0.088						X	X		X													
Blacksville-12F	0.088						X	X		X													
Blacksville-13F	0.056						X	X		X													
Blacksville-14F	0.006						X																
Blacksville-15F	0.033						X																
Blacksville-16F	0.012						X																
Blacksville-17F	0.022						X																
Blacksville-27F	0.030						X																
Blacksville-37F	0.106						X					X											
Blacksville-38F	0.014						X																
Blacksville-39F	0.014						X																
Blacksville-40F	0.141			0.263			X			X		X				X							
Blacksville-44F	0.273						X			X													

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	PEM	PSS	PFO	PEM	PSS	PFO		EV	Other	General habitat	Study area	Flood storage	Discharge area	Recharge area	Pollution prevention	Recreation	Other				No	Yes	Dewatering	Inundation
Blacksville-45F	0.031						X																	
Blacksville-47F	0.055						X																	
Blacksville-48F	0.015						X																	
Summary Outside of Panels	15.670	0.061	0.001	2.109	0.022	0.000																		
	15.732		Not complete																					
	+ / -		Not complete																					

Notes: Primary wetland functions were determined during the wetland identification. The primary wetland functions were assigned a low, moderate (M) or high (H) ranking based on wetland size, landscape position, and wetlands that were isolated or grouped in clusters, and based on field observations. Only primary wetland functions ranked as moderate or high are included on this table.

¹ Wetland loss may be attributable to farming.

² New wetland found during post-mining survey, possibly resulting from post-mining changes in topography and/or hydrology; included in net/gain loss acreage

³ Wetland data originally collected under the Blacksville Expansion Permit; wetland revisited to collect GPS boundary points and wetland lacking 1 or more of the three criteria: dominance of hydrophytes; hydric soil; hydrology

Cowardin Classification: PEM = palustrine emergent; PSS = palustrine scrub shrub; PFO = palustrine forested; EV = exceptional value wetland (PADEP, Chapter 105)