

**FORM 8.12A
WETLAND INVENTORY**

Operator:	Consol Pennsylvania Coal Company LLC	Watershed:	Blacks Creek, Long Run, Mudlick Fork, South Fork Dunkard Fork,
Operator Name:	Consol Pennsylvania Coal Company LLC	Premining Date:	June 2018-September 2018
Permit No.:	30841316	Postmining Date:	

For additional information on completing this form, refer to the Wetland Protection section of TGD 563-2000-655. An example of a completed inventory is provided in Appendix D.

Wetland Number	Wetland Size by Cowardin Classification (acres)								Chapter 105 Classification		Primary Wetland Function								Adverse Impact to Wetland				Mitigation Action	
	Premining				Postmining				EV	Other	General Habitat	Study Area	Flood Storage	Discharge Area	Recharge Area	Pollution Prevention	Recreation	Other	Anticipated		Type		Gate Cutting	Compensatory Mitigation
	PEM	PSS	PFO	PUB	PEM	PSS	PFO	PUB											Yes	No	Dewatering	Inundation		
Bailey-138A	0.020								X										X					
Bailey-139A	0.011								X											X				
Bailey-140A	0.721		0.048						X	X		X		X	X					X				
Bailey-141A	0.009	0.032							X											X				
Bailey-142A	0.044								X											X				
Bailey-143A	0.004								X											X				
Bailey-144A	0.019								X											X				
Bailey-145A	0.003								X											X				
Bailey-146A	0.005								X											X				
Bailey-147A	0.005								X											X				
Bailey-148A		0.010							X											X				
Bailey-149A	0.238		0.089						X	X		X								X				
Bailey-150A	0.017								X											X				
Bailey-151A	0.857								X			X		X	X					X				
Bailey-152A	0.320								X	X		X		X						X				
Bailey-153A	0.006								X											X				
Bailey-154A	0.061								X											X				
Bailey-155A	0.012								X											X				
Bailey-156A	0.013								X											X				
Bailey-157A	0.041								X											X				

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	PEM	PSS	PFO	PUB	PEM	PSS	PFO	PUB											Yes	No	Dewatering	Inundation			
Bailey-158A	0.007								X										X						
Bailey-159A	0.008								X											X					
Bailey-160A		0.001							X											X					
Bailey-161A	0.012								X											X					
Bailey-162A	0.052								X											X					
Bailey-163A	0.020								X											X					
Bailey-164A	0.033								X											X					
Bailey-165A	0.027								X											X					
Bailey-166A	0.068								X											X					
Bailey-167A	0.034								X											X					
Bailey-168A	0.065								X											X					
Bailey-169A	0.023								X											X					
Bailey-125B	0.203								X	X		X		X	X					X					
Bailey-142B	0.023								X											X					
Bailey-143B	0.257								X	X		X		X	X					X					
Bailey-144B	0.301								X					X	X					X					
Bailey-145B	0.573								X			X		X	X					X					
Bailey-146B	0.037								X											X					
Bailey-147B	0.035								X											X					
Bailey-148B	0.024								X											X					
Bailey-149B	0.030								X											X					
Bailey-150B	0.031								X											X					
Bailey-151B	0.008								X											X					
Bailey-152B	0.048								X											X					

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	PEM	PSS	PFO	PUB	PEM	PSS	PFO	PUB											Yes	No	Dewatering	Inundation		
Bailey-153B	0.052								X										X					
Bailey-154B	0.015								X											X				
Bailey-155B	0.064								X											X				
Bailey-156B	0.016								X											X				
Bailey-157B	0.013								X											X				
Bailey-158B	0.105								X	X				X	X					X				
Bailey-159B		0.066							X											X				
Bailey-160B	0.006								X											X				
Bailey-161B	0.018								X											X				
Bailey-162B	0.023								X											X				
Bailey-163B	0.026								X											X				
Bailey-164B	0.063								X											X				
Bailey-165B	0.056								X											X				
Bailey-166B	0.595								X			X		X	X					X				
Bailey-167B	0.002								X											X				
Bailey-168B	0.366								X	X		X		X	X					X				
Bailey-169B	0.724								X	X		X		X	X					X				
Bailey-170B	0.072								X											X				
Bailey-171B	0.026								X											X				
Bailey-172B	0.039								X											X				
Bailey-175B	0.099								X											X				
Bailey-176B	0.013								X											X				
Bailey-177B	0.105								X				X							X				
Bailey-178B	0.047								X											X				

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	Premining				Postmining				EV	Other	General Habitat	Study Area	Flood Storage	Discharge Area	Recharge Area	Pollution Prevention	Recreation	Other	Anticipated		Type		Gate Cutting	Compensatory Mitigation
	PEM	PSS	PFO	PUB	PEM	PSS	PFO	PUB											Yes	No	Dewatering	Inundation		
Bailey-179B	0.037								X										X					
Bailey-180B	0.045								X										X					
Bailey-181B	0.014								X										X					
Bailey-182B	0.045								X										X					
Bailey-092D	0.064								X										X					
Bailey-093D		0.068							X										X					
Bailey-094D	0.032								X										X					
Bailey-095D	0.056								X										X					
Bailey-096D	0.037								X										X					
Bailey-097D	0.004								X										X					
Bailey-098D	0.208								X			X		X	X				X					
Bailey-099D	0.040								X										X					
Bailey-100D	0.270								X			X		X	X				X					
Bailey-101D	0.010	0.054							X										X					
Bailey-102D	0.076								X										X					
Bailey-103D	0.602								X			X		X	X				X					
Bailey-104D	0.031								X										X					
Bailey-105D	0.051								X										X					
Bailey-106D	0.366								X			X							X					
Bailey-107D	0.017								X										X					
Bailey-108D	0.466	0.017							X			X		X	X				X					
Bailey-109D	0.056								X										X					
Bailey-110D	0.049								X										X					
Bailey-111D	0.010								X										X					

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	PEM	PSS	PFO	PUB	PEM	PSS	PFO	PUB											Yes	No	Dewatering	Inundation		
Bailey-112D	0.209								X			X		X	X				X					
Bailey-113D	0.525								X			X		X	X				X					
Bailey-114D	0.056								X										X					
Bailey-115D	0.016								X										X					
Bailey-116D	0.055								X										X					
Bailey-117D	0.004								X										X					
Bailey-118D	0.073								X										X					
Bailey-119D	0.072								X										X					
Bailey-120D	0.014								X										X					
Bailey-121D	0.038								X										X					
Bailey 122D	0.020								X										X					
Bailey 123D	0.048								X										X					
Bailey 124D	0.608								X			X		X	X				X					
Bailey 125D	0.004								X										X					
Bailey-126D	0.009								X										X					
Bailey-127D	0.045								X										X					
Bailey-128D	0.032								X										X					
Bailey-121E	0.172								X						X				X					
Bailey-122E	0.003								X										X					
Bailey-123E	0.179								X				X						X					
Bailey-124E	0.019								X										X					
Bailey-125E	0.135								X			X		X	X				X					
Bailey-126E	0.004								X										X					
Bailey-127E	0.010								X										X					

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	PEM	PSS	PFO	PUB	PEM	PSS	PFO	PUB											Yes	No	Dewatering	Inundation		
Bailey-128E	0.017								X										X					
Bailey-129E	0.004								X										X					
Bailey-130E	0.030								X										X					
Bailey-131E	0.040								X										X					
Bailey-132E	0.007								X										X					
Bailey-133E	0.029								X										X					
Bailey-134E	0.087		0.080						X	X			X						X					
Bailey-135E	0.015								X										X					
Bailey-136E	0.010								X										X					
Bailey-137E	0.049								X										X					
Bailey-138E	0.004								X										X					
Bailey-139E	0.007								X										X					
Bailey-140E	0.131								X				X						X					
Column Totals:	12.24	0.25	0.22	0.00																				
Total Pre & Post Mining Wetland Acres:	12.71								Notes:		A qualitative evaluation of the aquatic functions listed on Form 8.12A was performed for the wetlands within the proposed permit area and buffer. This evaluation was based on the physical, hydrological, and biological characteristics of the wetlands and the professional judgment of CEC's ecologists. These evaluations are qualitative and do not attempt to quantify the physical, chemical, or biological attributes of the individual wetlands. Primary functions are checked for wetlands that are providing moderate or high levels of the listed functions. Wetlands less than 0.1 acre are typically limited to providing low levels of these functions; therefore, no primary functions are identified.													
Net Gain or Loss of Wetland Area:																								