## **Chesapeake Fish Passage Prioritization - Dam Fact Sheet**

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CFPPP Unique ID:	PA_44-045 THOMAS B GOSS
Diadromous Tier	1
Brook Trout Tier	N/A
Resident Tier	2
NID ID	
State ID	44-045
River Name	Jacks Creek
Dam Height (ft)	6
Dam Type	Stone
Latitude	40.5984
Longitude	-77.5425
Passage Facilities	None Documented
Passage Year	N/A
Size Class	2: Small River (38.61 - 200 sq mi
HUC 12	Meadow Creek-Jacks Creek
HUC 10	Middle Juniata River
HUC 8	Lower Juniata
HUC 6	Lower Susquehanna
HUC 4	Susquehanna



	Land	cover		
NLCD (2011)		Chesapeake Conservancy (2016)		
% Impervious Surface in Upstream Drainage Area 0.7		% Tree Cover in ARA of Upstream Network		
% Natural Cover in Upstream Drainage Area 70.49		% Tree Cover in ARA of Downstream Network		
% Forested in Upstream Drainage Area 70.		% Herbaceaous Cover in ARA of Upstream Network		
% Agriculture in Upstream Drainage Area	23.7	% Herbaceaous Cover in ARA of Downstream Network	29.41	
% Natural Cover in ARA of Upstream Network 64.69		% Barren Cover in ARA of Upstream Network		
% Natural Cover in ARA of Downstream Network	63.5	% Barren Cover in ARA of Downstream Network	0.56	
% Forest Cover in ARA of Upstream Network	63.48	% Road Impervious in ARA of Upstream Network	1.01	
% Forest Cover in ARA of Downstream Network	52.34	% Road Impervious in ARA of Downstream Network	1.34	
% Agricultral Cover in ARA of Upstream Network	27.15	% Other Impervious in ARA of Upstream Network	1.96	
% Agricultral Cover in ARA of Downstream Network	23.41	% Other Impervious in ARA of Downstream Network	2.82	
% Impervious Surf in ARA of Upstream Network 0.89				
% Impervious Surf in ARA of Downstream Network	2.58			

No Photo Available



## **Chesapeake Fish Passage Prioritization - Dam Fact Sheet**

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Absolute Gain (mi)  91.68  # Downstream Hydropower Dams  4  # Size Classes in Total Network  6  # Downstream Dams with Passage  5  # Upstream Network Size Classes  3  # of Downstream Barriers  5  NFHAP Cumulative Disturbance Index  Dam is on Conserved Land  No						
Total Functional Network (mi) 4599.35 # Downsteam Natural Barriers 0 Absolute Gain (mi) 91.68 # Downstream Hydropower Dams 4 # Size Classes in Total Network 6 # Downstream Dams with Passage 5 # Upstream Network Size Classes 3 # of Downstream Barriers 5 NFHAP Cumulative Disturbance Index High Dam is on Conserved Land No % Conserved Land in 100m Buffer of Upstream Network 3.44 % Conserved Land in 100m Buffer of Downstream Network 8.38 Density of Crossings in Upstream Network Watershed (#/m2) 1.04 Density of Crossings in Upstream Network Watershed (#/m2) 1.04 Density of off-channel dams in Upstream Network Watershed (#/m2) 0 Density of off-channel dams in Downstream Network Watershed (#/m2) 0  Diadromous Fish  Downstream Alewife Potential Current Downstream Striped Bass None Documented Downstream Blueback Potential Current Downstream Atlantic Sturgeon None Documented Downstream American Shad Current Downstream American Eel Current  Downstream Hickory Shad None Documented Downstream American Eel Current  Presence of 1 or More Downstream Anadromous Species Current # Diadromous Species Downstream (incl eel) 2  Resident Fish Sarrier is in EBTJV BKT Catchment (DeWeber) No MD MBSS Fish IBI Stream Health N/A Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Fish IBI Stream Health N/A Native Fish Species Richness (HUC8) 0 PA IBI Stream Health N/A Rare Fish (HUC8) 0 PA IBI Stream Health N/A # Rare Fish (HUC8) 0 PA IBI Stream Health N/A # Rare Fish (HUC8) 1 PA IBI Stream Health N/A # Rare Fish (HUC8) 1 PA IBI Stream Health N/A # Rare Fish (HUC8) 1 PA IBI Stream Health N/A		Network, Sys	tem Ty	pe and Condition		
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Barrier is in EBTJV BKT Catchment  Barrier is in Modeled BKT Catchment (DeWeber)  No  MD MBSS Benthic IBI Stream Health  N/A  MD MBSS Fish IBI Stream Health  N/A  MD MBSS Combined IBI Stream Health  N/A  Native Fish Species Richness (HUC8)  WA INSTAR mIBI Stream Health  N/A  PA IBI Stream Health  Fair  # Rare Mussel (HUC8)  3	# Diadromous Species Downs	tream (incl eel)	2			
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Barrier Blocks a Modeled BKT Catchment (DeWeber) No  Native Fish Species Richness (HUC8)  # Rare Fish (HUC8)  # Rare Mussel (HUC8)  MD MBSS Combined IBI Stream Health  N/A  VA INSTAR mIBI Stream Health  Fair  # Rare Mussel (HUC8)	Barrier is in Modeled BKT Catchment (DeWeber) No		No	MD MBSS Benthic IBI Stream Health N/A		
Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Combined IBI Stream Health N/A Native Fish Species Richness (HUC8) 36 VA INSTAR mIBI Stream Health N/A # Rare Fish (HUC8) 0 PA IBI Stream Health Fair # Rare Mussel (HUC8) 3			Yes			
Native Fish Species Richness (HUC8)  # Rare Fish (HUC8)  # Rare Mussel (HUC8)  36  VA INSTAR mIBI Stream Health  PA IBI Stream Health  Fair			No			
# Rare Fish (HUC8) 0 PA IBI Stream Health Fair # Rare Mussel (HUC8) 3	·			,		
# Rare Mussel (HUC8) 3			)			
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