Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID:	PA_11-049	M	CGUIRE	
Bay-wide Diadromous Tier		20		
Bay-wide Resident Tier		18		
Bay-wide Brook Trout Tier		20		
NID ID				
State ID	11-049			
River Name	Kittanning R	un		
Dam Height (ft)	4			
Dam Type	Earth			
Latitude	40.5373			
Longitude	-78.516			
Passage Facilities	None Documented			
Passage Year	N/A			
Size Class	1a: Headwat	er (0 - 3	3.861 sq mi)	

Mill Run-Beaverdam Branch

Beaverdam Branch

Lower Susquehanna

Upper Juniata

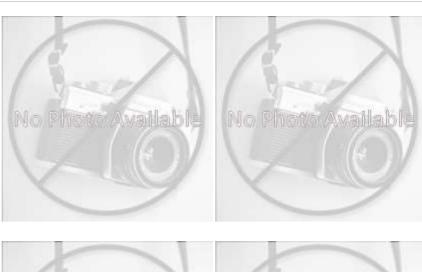
Susquehanna

HUC 12

HUC 10

HUC 8

HUC 6 HUC 4







Landcover							
NLCD (2011)		Chesapeake Conservancy (2016)					
% Impervious Surface in Upstream Drainage Area	3.58	% Tree Cover in ARA of Upstream Network	0				
% Natural Cover in Upstream Drainage Area	41.79	% Tree Cover in ARA of Downstream Network	67.44				
% Forested in Upstream Drainage Area	41.24	% Herbaceaous Cover in ARA of Upstream Network	0				
% Agriculture in Upstream Drainage Area	29.93	% Herbaceaous Cover in ARA of Downstream Network	26.92				
% Natural Cover in ARA of Upstream Network	0	% Barren Cover in ARA of Upstream Network	0				
% Natural Cover in ARA of Downstream Network	98.33	% Barren Cover in ARA of Downstream Network	0				
% Forest Cover in ARA of Upstream Network	0	% Road Impervious in ARA of Upstream Network	0				
% Forest Cover in ARA of Downstream Network	98.33	% Road Impervious in ARA of Downstream Network	0				
% Agricultral Cover in ARA of Upstream Network	0	% Other Impervious in ARA of Upstream Network	0				
% Agricultral Cover in ARA of Downstream Network	0	% Other Impervious in ARA of Downstream Network	0.95				
% Impervious Surf in ARA of Upstream Network	0						
% Impervious Surf in ARA of Downstream Network	0.03						



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CITTY Offique ID. FA_II-043	WICGOINE					
	Network, Sy	/stem	Type and Con	dition		
Functional Upstream Network	(mi) 0.27		Upstr	ream Size Class Gain (#	‡)	0
Total Functional Network (mi)	1.14		# Dov	wnsteam Natural Barri	ers	0
Absolute Gain (mi)	0.27		# Dov	wnstream Hydropowe	r Dams	5
# Size Classes in Total Networl	k 1		# Dov	wnstream Dams with F	Passage	5
# Upstream Network Size Clas	ses 0		# of E	Downstream Barriers		10
NFHAP Cumulative Disturbanc	ce Index			Moderate		
Dam is on Conserved Land				No		
% Conserved Land in 100m Bu	ffer of Upstream Netwo	ork		0		
% Conserved Land in 100m Bu	ffer of Downstream Ne	twork		0		
Density of Crossings in Upstre			•	0		
Density of Crossings in Downs				3.28		
Density of off-channel dams in				0		
Density of off-channel dams ir	n Downstream Network	Wate	rshed (#/m2)	0		
	[Diadro	mous Fish			
Downstream Alewife	e None Documented		Downstream	Downstream Striped Bass None Doc		umentec
Downstream Blueback	ownstream Blueback None Documented		Downstream	Atlantic Sturgeon	None Doc	umented
Downstream American Shad	None Documented		Downstream	Shortnose Sturgeon	None Doc	umented
Downstream Hickory Shad	None Documented		Downstream	American Eel	None Doc	umented
Presence of 1 or More Downs	tream Anadromous Spe	ecies	None Docum	ie		
# Diadromous Species Downs	tream (incl eel)		0			
Reside	nt Fish			Strea	m Health	
Barrier is in EBTJV BKT Catchment		No	Chesap	Chesapeake Bay Program Stream Health POOR		
Barrier is in Modeled BKT Catchment (DeWeber)		Yes	MD MI	MD MBSS Benthic IBI Stream Health N/A		N/A
Barrier Blocks an EBTJV Catchment		No	MD MI	MD MBSS Fish IBI Stream Health N/A		N/A
Barrier Blocks a Modeled BKT Catchment (DeWeber) No		No	MD MI	MD MBSS Combined IBI Stream Health N/A		N/A
Native Fish Species Richness (HUC8)	29	VA INS	TAR mIBI Stream Heal	th	N/A
# Rare Fish (HUC8)		1	PA IBI S	Stream Health		Fair
# Rare Mussel (HUC8)		1				
# Rare Crayfish (HUC8)		0				

