Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: CFPPP_464 unknown

Bay-wide Diadromous Tier 17
Bay-wide Resident Tier 17

Bay-wide Brook Trout Tier N/A

NID ID
State ID

River Name

Dam Height (ft) 0

Dam Type

Latitude 37.9464 Longitude -77.4898

Passage Facilities None Documented

Passage Year N/A

Size Class 1a: Headwater (0 - 3.861 sq mi)

HUC 12 Polecat Creek

HUC 10 Polecat Creek-Mattaponi River

HUC 8 Mattaponi

HUC 6 Lower Chesapeake

HUC 4 Lower Chesapeake







Landcover							
NLCD (2011)		Chesapeake Conservancy (2016)					
% Impervious Surface in Upstream Drainage Area	2.71	% Tree Cover in ARA of Upstream Network	0				
% Natural Cover in Upstream Drainage Area	0	% Tree Cover in ARA of Downstream Network	72.26				
% Forested in Upstream Drainage Area	0	% Herbaceaous Cover in ARA of Upstream Network	0				
% Agriculture in Upstream Drainage Area	100	% Herbaceaous Cover in ARA of Downstream Network	4.42				
% Natural Cover in ARA of Upstream Network	0	% Barren Cover in ARA of Upstream Network	0				
% Natural Cover in ARA of Downstream Network	90.43	% 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	53.04	% Road Impervious in ARA of Downstream Network	0.51				
% Agricultral Cover in ARA of Upstream Network	0	% Other Impervious in ARA of Upstream Network	0				
% Agricultral Cover in ARA of Downstream Network	1.74	% Other Impervious in ARA of Downstream Network	0				
% Impervious Surf in ARA of Upstream Network	0						
% Impervious Surf in ARA of Downstream Network	0.51						



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	Network, Sys	stem ⁻	Туре а	and Condition			
Functional Upstream Network (mi) 0.02		Upstream Size Class Gain (#)		‡)	0	
Total Functional Network (mi)	0.61		# Downsteam Natural Barrie		ers	0	
Absolute Gain (mi)	0.02			# Downstream Hydropower D		0	
# Size Classes in Total Network	1			# Downstream Dams with Passage		0	
# Upstream Network Size Classo	es 0		# of Downstream Barriers			3	
NFHAP Cumulative Disturbance	Index			Moderate			
Dam is on Conserved Land				No			
% Conserved Land in 100m Buffer of Upstream Network				0			
% Conserved Land in 100m Buff	fer of Downstream Netv	work		0			
Density of Crossings in Upstream	m Network Watershed ((#/m2	2)	0			
Density of Crossings in Downstr	eam Network Watersh	ed (#/	/m2)	0			
Density of off-channel dams in	Upstream Network Wat	tershe	ed (#/	m2) 0			
Density of off-channel dams in	Downstream Network V	Water	rshed	(#/m2) 0			
	Di	iadror	mous	Fish			
Downstream Alewife	Historical		Dowr	ownstream Striped Bass		None Documented	
Downstream Blueback	Historical		Downstream Atlantic Sturgeon		None Documented		
Downstream American Shad	None Documented		Dowr	ownstream Shortnose Sturgeon None Doo		umented	
Downstream Hickory Shad	None Documented		Downstream American Eel Current				
Presence of 1 or More Downsti	ream Anadromous Spec	ies	Histo	rical			
# Diadromous Species Downstr	ream (incl eel)		1				
Resident Fish				Stream Health			
Barrier is in EBTJV BKT Catchment No		No		Chesapeake Bay Program Stream Health FAIR			
Barrier is in Modeled BKT Catchment (DeWeber) No		No		MD MBSS Benthic IBI Stream	N/A		
Barrier Blocks an EBTJV Catchment No		No		MD MBSS Fish IBI Stream Health		N/A	
Barrier Blocks a Modeled BKT Catchment (DeWeber) No		No		MD MBSS Combined IBI Stream Health		N/A	
Native Fish Species Richness (HUC8) 54		54		VA INSTAR mIBI Stream Heal	Outstanding		
# Rare Fish (HUC8)		2		PA IBI Stream Health		N/A	
# Rare Mussel (HUC8)	2	4				,	
# Rare Crayfish (HUC8)		n					

