Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: MD_PO041

Bay-wide Diadromous TierBay-wide Resident Tier6

Bay-wide Brook Trout Tier N/A

NID ID

State ID PO041

River Name Big Duke Creek

Dam Height (ft) 10

Dam Type Unspecified Type

Latitude 38.1936

Longitude -76.5365

Passage Facilities None Documented

Passage Year N/A

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

HUC 12 Poplar Hill Creek

HUC 10 Saint Clements Bay-Potomac Riv

HUC 8 Lower Potomac

HUC 6 Potomac HUC 4 Potomac







Landcover					
NLCD (2011)		Chesapeake Conservancy (2016)			
% Impervious Surface in Upstream Drainage Area	0.26	% Tree Cover in ARA of Upstream Network	85.9		
% Natural Cover in Upstream Drainage Area	70.88	% Tree Cover in ARA of Downstream Network	45.81		
% Forested in Upstream Drainage Area	48.14	% Herbaceaous Cover in ARA of Upstream Network	11.46		
% Agriculture in Upstream Drainage Area	24.49	% Herbaceaous Cover in ARA of Downstream Network	46.37		
% Natural Cover in ARA of Upstream Network	93.31	% Barren Cover in ARA of Upstream Network	0		
% Natural Cover in ARA of Downstream Network	49.76	% Barren Cover in ARA of Downstream Network	0.02		
% Forest Cover in ARA of Upstream Network	45.02	% Road Impervious in ARA of Upstream Network	0.16		
% Forest Cover in ARA of Downstream Network	29.34	% Road Impervious in ARA of Downstream Network	1.36		
% Agricultral Cover in ARA of Upstream Network	5.79	% Other Impervious in ARA of Upstream Network	0.77		
% Agricultral Cover in ARA of Downstream Network	38.23	% Other Impervious in ARA of Downstream Network	2.43		
% Impervious Surf in ARA of Upstream Network	0.07				
% Impervious Surf in ARA of Downstream Network	1.75				



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	Network, Syst	em Type	e and Condition		
Functional Upstream Network	c (mi) 0.83		Upstream Size Class Gain (#)	0
Total Functional Network (mi)	11.63		# Downsteam Natural Barri	ers	0
Absolute Gain (mi)	0.83		# Downstream Hydropower	Dams	0
# Size Classes in Total Networ	k 2		# Downstream Dams with P	assage	0
# Upstream Network Size Clas	sses 1		# of Downstream Barriers		0
NFHAP Cumulative Disturband	ce Index		Not Scored / Unava	ailable at th	nis scale
Dam is on Conserved Land			No		
% Conserved Land in 100m Bu	uffer of Upstream Network		0		
% Conserved Land in 100m Bu	uffer of Downstream Netw	ork	3.08		
Density of Crossings in Upstre	am Network Watershed (#	‡/m2)	0		
Density of Crossings in Downs	tream Network Watershed	d (#/m2)	0.63		
Density of off-channel dams in	n Upstream Network Wate	ershed (#	t/m2) 0		
Density of off-channel dams in	n Downstream Network W	atershe	d (#/m2) 0		
	1)12				
		dromou			
Downstream Alewife	None Documented	Dov	vnstream Striped Bass	None Doo	
Downstream Alewife Downstream Blueback		Dov		None Doo	
	None Documented	Dov	vnstream Striped Bass		cumented
Downstream Blueback	None Documented None Documented	Dov Dov	vnstream Striped Bass vnstream Atlantic Sturgeon	None Doo	cumented
Downstream Blueback Downstream American Shad	None Documented None Documented None Documented None Documented	Dov Dov Dov	vnstream Striped Bass vnstream Atlantic Sturgeon vnstream Shortnose Sturgeon	None Doo	cumented
Downstream Blueback Downstream American Shad Downstream Hickory Shad Presence of 1 or More Downs	None Documented None Documented None Documented None Documented Stream Anadromous Specie	Dov Dov Dov	vnstream Striped Bass vnstream Atlantic Sturgeon vnstream Shortnose Sturgeon vnstream American Eel	None Doo	cumented
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