Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: MD_PO041

Diadromous Tier 12

Brook Trout Tier N/A

Resident Tier 6

NID ID

PO041 State ID

Big Duke Creek River Name

Dam Height (ft) 10

Dam Type **Unspecified Type**

Latitude 38.1936

-76.5365 Longitude

Passage Facilities None Documented

N/A Passage Year

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

HUC 12 Poplar Hill Creek

HUC 10 Saint Clements Bay-Potomac Riv

HUC8 **Lower Potomac**

HUC 6 Potomac HUC 4 Potomac







	Land	cover	
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, Sy	stem [·]	Type and Condition	on		
Functional Upstream Network	(mi) 0.83		Upstrean	n Size Class Gain (#	÷)	0
Total Functional Network (mi)	11.63		# Downst	team Natural Barri	ers	0
Absolute Gain (mi)	0.83		# Downst	ream Hydropowe	r Dams	0
# Size Classes in Total Networ	k 2		# Downst	ream Dams with F	assage	0
# Upstream Network Size Clas	sses 1		# of Dow	nstream Barriers		0
NFHAP Cumulative Disturband	ce Index		1	Not Scored / Unav	ailable at th	nis scale
Dam is on Conserved Land			١	No		
% Conserved Land in 100m Buffer of Upstream Network			()		
% Conserved Land in 100m Bu	uffer of Downstream Net	work	3	3.08		
Density of Crossings in Upstream Network Watershed (#/m			2) ()		
Density of Crossings in Downs	stream Network Watersh	ned (#,	/m2) (0.63		
Density of off-channel dams in	n Upstream Network Wa	itersh	ed (#/m2) ()		
Density of off-channel dams in	n Downstream Network '	Water	rshed (#/m2))		
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	D	naaroi	mous Fish			
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Downstream Alewife Downstream Blueback	None Documented None Documented		Downstream Str Downstream Atl		None Doo	
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