Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: VA_701 ROBERTSON DAM

Diadromous Tier 9

Brook Trout Tier N/A

Resident Tier 7

NID ID VA04934

State ID 701

River Name

Dam Height (ft) 22

Dam Type Earth

Latitude 37.647

Longitude -78.1312

Passage Facilities None Documented

Passage Year N/A

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

HUC 12 Muddy Creek

HUC 10 Deep Creek-James River

HUC 8 Middle James-Willis

HUC 6 James

HUC 4 Lower Chesapeake







Landcover						
NLCD (2011)		Chesapeake Conservancy (2016)				
% Impervious Surface in Upstream Drainage Area	1.09	% Tree Cover in ARA of Upstream Network	81.38			
% Natural Cover in Upstream Drainage Area	85.62	% Tree Cover in ARA of Downstream Network	94.91			
% Forested in Upstream Drainage Area	80.34	% Herbaceaous Cover in ARA of Upstream Network	0			
% Agriculture in Upstream Drainage Area	7.19	% Herbaceaous Cover in ARA of Downstream Network	4.27			
% Natural Cover in ARA of Upstream Network	100	% Barren Cover in ARA of Upstream Network	0			
% Natural Cover in ARA of Downstream Network	95.71	% Barren Cover in ARA of Downstream Network	0			
% Forest Cover in ARA of Upstream Network	79.51	% Road Impervious in ARA of Upstream Network	0			
% Forest Cover in ARA of Downstream Network	70.69	% Road Impervious in ARA of Downstream Network	0.26			
% Agricultral Cover in ARA of Upstream Network	0	% Other Impervious in ARA of Upstream Network	0			
% Agricultral Cover in ARA of Downstream Network	3.54	% Other Impervious in ARA of Downstream Network	0.17			
% Impervious Surf in ARA of Upstream Network	0					
% Impervious Surf in ARA of Downstream Network	0.07					



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	Network, Syst	tem Type	e and Condition		
Functional Upstream Network	(mi) 0.13		Upstream Size Class Gain	(#)	0
Total Functional Network (mi)	100.94		# Downsteam Natural Ba	rriers	0
Absolute Gain (mi)	0.13		# Downstream Hydropow	ver Dams	2
# Size Classes in Total Networ	k 3		# Downstream Dams with	n Passage	4
# Upstream Network Size Clas	sses 0		# of Downstream Barriers	5	5
NFHAP Cumulative Disturband	ce Index		Very High		
Dam is on Conserved Land			No		
% Conserved Land in 100m Buffer of Upstream Network			0		
% Conserved Land in 100m Bu	uffer of Downstream Netw	/ork	0.13		
Density of Crossings in Upstre	am Network Watershed (#	#/m2)	0		
Density of Crossings in Downs	stream Network Watershe	ed (#/m2	0.27		
Density of off-channel dams in	n Upstream Network Wate	ershed (#/m2) 0		
Density of off-channel dams in	n Downstream Network W	/atershe	d (#/m2) 0		
	Dia	adromou	us Fish		
Downstream Alewife	Historical	Do		Nana Dan	ام م ام م م م م
DOWNSCI COM / NICVVIIC	11136011641	טטו	wnstream Striped Bass	None Doci	umented
Downstream Blueback	Historical		wnstream Striped Bass wnstream Atlantic Sturgeon	None Doci	
		Dov	·	None Doc	umented
Downstream Blueback	Historical	Dov	wnstream Atlantic Sturgeon	None Doc	umented
Downstream Blueback Downstream American Shad	Historical None Documented None Documented	Dov Dov	wnstream Atlantic Sturgeon wnstream Shortnose Sturgeo	None Docu	umented
Downstream Blueback Downstream American Shad Downstream Hickory Shad	Historical None Documented None Documented Stream Anadromous Specie	Dov Dov	wnstream Atlantic Sturgeon wnstream Shortnose Sturgeon wnstream American Eel	None Docu	umented
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Downstream Blueback Downstream American Shad Downstream Hickory Shad Presence of 1 or More Downs # Diadromous Species Downs Reside Barrier is in EBTJV BKT Catchn Barrier Blocks an EBTJV Catch	Historical None Documented None Documented Stream Anadromous Special Stream (incl eel) Ent Fish ment Chment (DeWeber) None Documented No	Dov Dov es Hist 1	wnstream Atlantic Sturgeon wnstream Shortnose Sturgeon wnstream American Eel torical Stre Chesapeake Bay Program S MD MBSS Benthic IBI Stream MD MBSS Fish IBI Stream H	None Docu None Docu Current eam Health Stream Health m Health Health ream Health	FAIR N/A
Downstream Blueback Downstream American Shad Downstream Hickory Shad Presence of 1 or More Downs # Diadromous Species Downs Reside Barrier is in EBTJV BKT Catchn Barrier is in Modeled BKT Cat Barrier Blocks an EBTJV Catch	Historical None Documented None Documented Stream Anadromous Special Stream (incl eel) Ent Fish ment Chment (DeWeber) None Documented No	Dov Dov Dov es Hist 1	wnstream Atlantic Sturgeon wnstream Shortnose Sturgeon wnstream American Eel torical Stro Chesapeake Bay Program S MD MBSS Benthic IBI Strea MD MBSS Fish IBI Stream F MD MBSS Combined IBI St	None Docu None Docu Current eam Health Stream Health m Health Health ream Health	FAIR N/A N/A
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