Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: VA_768 SLUICE DAM

Diadromous Tier 7

Brook Trout Tier N/A

Resident Tier 15

NID ID VA70005

State ID 768

River Name Deep Creek

Dam Height (ft) 16

Dam Type Earth

Latitude 37.1077

Longitude -76.512

Passage Facilities None Documented

Passage Year N/A

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

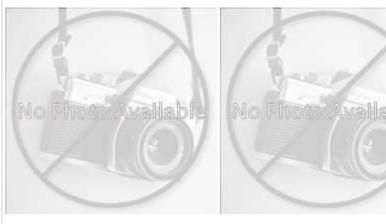
HUC 12 Warwick River

HUC 10 Pagan River-James River

HUC 8 Lower James

HUC 6 James

HUC 4 Lower Chesapeake







Landcover							
NLCD (2011)		Chesapeake Conservancy (2016)					
% Impervious Surface in Upstream Drainage Area	43.02	% Tree Cover in ARA of Upstream Network	36.36				
% Natural Cover in Upstream Drainage Area	16.14	% Tree Cover in ARA of Downstream Network	51.7				
% Forested in Upstream Drainage Area	8.43	% Herbaceaous Cover in ARA of Upstream Network	17.78				
% Agriculture in Upstream Drainage Area	0	% Herbaceaous Cover in ARA of Downstream Network	16.72				
% Natural Cover in ARA of Upstream Network	13.11	% Barren Cover in ARA of Upstream Network	0				
% Natural Cover in ARA of Downstream Network	41.1	% Barren Cover in ARA of Downstream Network	0.01				
% Forest Cover in ARA of Upstream Network	7.05	% Road Impervious in ARA of Upstream Network	18.51				
% Forest Cover in ARA of Downstream Network	14.35	% Road Impervious in ARA of Downstream Network	7.44				
% Agricultral Cover in ARA of Upstream Network	0	% Other Impervious in ARA of Upstream Network	24.8				
% Agricultral Cover in ARA of Downstream Network	1.14	% Other Impervious in ARA of Downstream Network	13.61				
% Impervious Surf in ARA of Upstream Network	44.91						
% Impervious Surf in ARA of Downstream Network	18.03						



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	Network, System	n Type	and Condition		
Functional Upstream Network (mi)	2.92		Upstream Size Class Gain (#)		0
Total Functional Network (mi)	97.74		# Downsteam Natural Barriers		0
Absolute Gain (mi)	2.92		# Downstream Hydropower Dams		0
# Size Classes in Total Network	3		# Downstream Dams with Passage		0
# Upstream Network Size Classes	1		# of Downstream Barriers		0
NFHAP Cumulative Disturbance Inde	X		Not Scored / Unav	ailable at th	nis scale
Dam is on Conserved Land			No		
% Conserved Land in 100m Buffer of Upstream Network			0		
% Conserved Land in 100m Buffer of Downstream Network		·k	28.8		
Density of Crossings in Upstream Ne	twork Watershed (#/r	m2)	6.72		
Density of Crossings in Downstream	•		1.84		
Density of off-channel dams in Upstr			•		
Density of off-channel dams in Dowr	nstream Network Wat	ershed	(#/m2) 0		
	Diadr	omous	Fish		
Downstream Alewife Curre	vife Current		Downstream Striped Bass None Doc		
Downstream Blueback Curre	Current		Downstream Atlantic Sturgeon None Doc		umented
Downstream American Shad None	e Documented	Dow	nstream Shortnose Sturgeon	None Doc	umented
Downstream Hickory Shad None	e Documented	Dow	nstream American Eel	Current	
Presence of 1 or More Downstream	Anadromous Species	Curre	ent		
# Diadromous Species Downstream	(incl eel)	3			
Resident Fish	1		Strea	m Health	
Barrier is in EBTJV BKT Catchment N			Chesapeake Bay Program Stream Health FAIR		
Barrier is in Modeled BKT Catchment (DeWeber)			MD MBSS Benthic IBI Stream Health N/A		N/A
Barrier Blocks an EBTJV Catchment N			MD MBSS Fish IBI Stream Health N/A		N/A
Barrier Blocks an EBTJV Catchment	No		THE THEOD TION IET OU CONTINUE		, , .
			MD MBSS Combined IBI Stre		N/A
Barrier Blocks an EBTJV Catchment Barrier Blocks a Modeled BKT Catch Native Fish Species Richness (HUC8)	ment (DeWeber) No			am Health	
Barrier Blocks a Modeled BKT Catch	ment (DeWeber) No		MD MBSS Combined IBI Stre	am Health	N/A
Barrier Blocks a Modeled BKT Catch Native Fish Species Richness (HUC8)	ment (DeWeber) No 62		MD MBSS Combined IBI Stre VA INSTAR mIBI Stream Heal	am Health	N/A High

