Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID:	VA_493		MOORES DAM	
Bay-wide Diadror	nous Tier	14		
Bay-wide Resident Tier		10		
Bay-wide Brook T	rout Tier	N/A		
NID ID				
State ID	493			
River Name				
Dam Height (ft)	36			
Dam Type	Earth			
Latitude	37.1691			

Passage Facilities None Documented

Passage Year N/A

Longitude

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

-78.2653

HUC 12 Sandy River
HUC 10 Bush River
HUC 8 Appomattox
HUC 6 James

HUC 4 Lower Chesapeake







	Land	cover	
NLCD (2011)		Chesapeake Conservancy (2016)	
% Impervious Surface in Upstream Drainage Area	1.43	% Tree Cover in ARA of Upstream Network	79.19
% Natural Cover in Upstream Drainage Area	57.41	% Tree Cover in ARA of Downstream Network	86.37
% Forested in Upstream Drainage Area	34.02	% Herbaceaous Cover in ARA of Upstream Network	2.56
% Agriculture in Upstream Drainage Area	32.62	% Herbaceaous Cover in ARA of Downstream Network	2.52
% Natural Cover in ARA of Upstream Network	69.59	% Barren Cover in ARA of Upstream Network	0
% Natural Cover in ARA of Downstream Network	97.79	% Barren Cover in ARA of Downstream Network	0
% Forest Cover in ARA of Upstream Network	41.24	% Road Impervious in ARA of Upstream Network	0
% Forest Cover in ARA of Downstream Network	80.66	% Road Impervious in ARA of Downstream Network	0.34
% Agricultral Cover in ARA of Upstream Network	30.41	% Other Impervious in ARA of Upstream Network	0.36
% Agricultral Cover in ARA of Downstream Network	0.64	% Other Impervious in ARA of Downstream Network	0.35
% Impervious Surf in ARA of Upstream Network	0		
% Impervious Surf in ARA of Downstream Network	0.12		



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	Network, Sys	stem Ty	pe and Condition		
Functional Upstream Network	(mi) 0.11		Upstream Size Class Gain (#	÷)	0
Total Functional Network (mi)	3.4		# Downsteam Natural Barri	ers	0
Absolute Gain (mi)	0.11		# Downstream Hydropowe	r Dams	3
# Size Classes in Total Network	k 1		# Downstream Dams with F	assage	3
# Upstream Network Size Clas	ses 0		# of Downstream Barriers		5
NFHAP Cumulative Disturbanc	ce Index		Not Scored / Unava	ailable at th	nis scale
Dam is on Conserved Land			No		
% Conserved Land in 100m Bu	ffer of Upstream Netwo	rk	0		
% Conserved Land in 100m Bu	ffer of Downstream Net	work	39.04		
Density of Crossings in Upstrea	am Network Watershed	(#/m2)	0		
Density of Crossings in Downs			•		
Density of off-channel dams in	n Upstream Network Wa	tershed	(#/m2) 0		
Density of off-channel dams ir	n Downstream Network \	Watersh	ned (#/m2) 0		
	D	iadromo	ous Fish		
Downstream Alewife	Historical		ous Fish ownstream Striped Bass	None Doo	cumented
Downstream Alewife Downstream Blueback		D		None Doo	
	Historical	D D	ownstream Striped Bass		cumented
Downstream Blueback	Historical Historical	D D	ownstream Striped Bass ownstream Atlantic Sturgeon	None Doo	cumented
Downstream Blueback Downstream American Shad	Historical Historical None Documented None Documented	D D D	ownstream Striped Bass ownstream Atlantic Sturgeon ownstream Shortnose Sturgeon	None Doo	cumented
Downstream Blueback Downstream American Shad Downstream Hickory Shad	Historical Historical None Documented None Documented Stream Anadromous Spec	D D D	ownstream Striped Bass ownstream Atlantic Sturgeon ownstream Shortnose Sturgeon ownstream American Eel	None Doo	cumented
Downstream Blueback Downstream American Shad Downstream Hickory Shad Presence of 1 or More Downs # Diadromous Species Downs	Historical Historical None Documented None Documented Stream Anadromous Spec	D D D D cies Hi	ownstream Striped Bass ownstream Atlantic Sturgeon ownstream Shortnose Sturgeon ownstream American Eel istorical	None Doo	cumented
Downstream Blueback Downstream American Shad Downstream Hickory Shad Presence of 1 or More Downs # Diadromous Species Downs	Historical Historical None Documented None Documented stream Anadromous Spectream (incl eel)	D D D D cies Hi	ownstream Striped Bass ownstream Atlantic Sturgeon ownstream Shortnose Sturgeon ownstream American Eel istorical	None Doo None Doo None Doo m Health	cumented cumented cumented
Downstream Blueback Downstream American Shad Downstream Hickory Shad Presence of 1 or More Downs # Diadromous Species Downs	Historical Historical None Documented None Documented stream Anadromous Spectoream (incl eel) Int Fish International Spectoream (incl eent	D D D cies Hi	ownstream Striped Bass ownstream Atlantic Sturgeon ownstream Shortnose Sturgeon ownstream American Eel istorical Strea	None Doo None Doo Mone Doo m Health	cumented cumented cumented
Downstream Blueback Downstream American Shad Downstream Hickory Shad Presence of 1 or More Downs # Diadromous Species Downs Reside Barrier is in EBTJV BKT Catchm	Historical Historical None Documented None Documented stream Anadromous Spectorical tream (incl eel) nt Fish nent chment (DeWeber)	D D D cies Hi O	ownstream Striped Bass ownstream Atlantic Sturgeon ownstream Shortnose Sturgeon ownstream American Eel istorical Strea Chesapeake Bay Program Str	None Doo None Doo Mone Doo m Health eam Health Health	cumented cumented cumented
Downstream Blueback Downstream American Shad Downstream Hickory Shad Presence of 1 or More Downs # Diadromous Species Downs Reside Barrier is in EBTJV BKT Catchm Barrier is in Modeled BKT Catch	Historical Historical None Documented None Documented stream Anadromous Spectors tream (incl eel) nt Fish nent chment (DeWeber) ment	D D D Cies Hi O	ownstream Striped Bass ownstream Atlantic Sturgeon ownstream Shortnose Sturgeon ownstream American Eel istorical Strea Chesapeake Bay Program Str MD MBSS Benthic IBI Stream	None Doo None Doo Mone Doo m Health eam Health Health	cumented cumented cumented
Downstream Blueback Downstream American Shad Downstream Hickory Shad Presence of 1 or More Downs # Diadromous Species Downs Reside Barrier is in EBTJV BKT Catchm Barrier is in Modeled BKT Catch Barrier Blocks an EBTJV Catch Barrier Blocks a Modeled BKT	Historical Historical None Documented None Documented stream Anadromous Spectors tream (incl eel) Int Fish Inent Inchment (DeWeber) Interpretation of the company of the co	D D D Cies Hi O No No	ownstream Striped Bass ownstream Atlantic Sturgeon ownstream Shortnose Sturgeon ownstream American Eel istorical Strea Chesapeake Bay Program Str MD MBSS Benthic IBI Stream MD MBSS Fish IBI Stream He	None Doo None Doo Mone Doo m Health eam Health Health alth	cumented cumented cumented
Downstream Blueback Downstream American Shad Downstream Hickory Shad Presence of 1 or More Downs # Diadromous Species Downs Reside Barrier is in EBTJV BKT Catchm Barrier is in Modeled BKT Catch Barrier Blocks an EBTJV Catch	Historical Historical None Documented None Documented stream Anadromous Spector tream (incl eel) Int Fish Inent Inchment (DeWeber) Interest (DeWeber)	D D D Cies Hi O No No No	cownstream Striped Bass cownstream Atlantic Sturgeon cownstream Shortnose Sturgeon cownstream American Eel istorical Strea Chesapeake Bay Program Str MD MBSS Benthic IBI Stream MD MBSS Fish IBI Stream He MD MBSS Combined IBI Stream	None Doo None Doo Mone Doo m Health eam Health Health alth	n POOR N/A N/A N/A
Downstream Blueback Downstream American Shad Downstream Hickory Shad Presence of 1 or More Downs # Diadromous Species Downst Reside Barrier is in EBTJV BKT Catchm Barrier is in Modeled BKT Catch Barrier Blocks an EBTJV Catch Barrier Blocks a Modeled BKT Native Fish Species Richness (Historical Historical None Documented None Documented Atream Anadromous Spector Atream (incl eel) Int Fish Internation (DeWeber)	D D D D Cies Hi O No No No No No S8	cownstream Striped Bass cownstream Atlantic Sturgeon cownstream Shortnose Sturgeon cownstream American Eel istorical Strea Chesapeake Bay Program Str MD MBSS Benthic IBI Stream MD MBSS Fish IBI Stream He MD MBSS Combined IBI Strea VA INSTAR mIBI Stream Heal	None Doo None Doo Mone Doo m Health eam Health Health alth	n POOR N/A N/A N/A Very High

