Chesapeake Fish Passage Prioritization - Dam Fact Sheet

	Cilesapeake Fish Fassa
CFPPP Unique ID:	VA_1245 HALE DAM
Diadromous Tier	1
Brook Trout Tier	N/A
Resident Tier	2
NID ID	VA13304
State ID	1245
River Name	
Dam Height (ft)	24
Dam Type	Gravity
Latitude	37.9668
Longitude	-76.5407
Passage Facilities	None Documented
Passage Year	N/A
Size Class	1a: Headwater (0 - 3.861 sq mi)
HUC 12	Yeocomico River
HUC 10	Nomini Creek-Potomac River
HUC 8	Lower Potomac
HUC 6	Potomac
HUC 4	Potomac



Landcover						
NLCD (2011)		Chesapeake Conservancy (2016)				
% Impervious Surface in Upstream Drainage Area	2.82	% Tree Cover in ARA of Upstream Network	87.98			
% Natural Cover in Upstream Drainage Area	58.92	% Tree Cover in ARA of Downstream Network	59.09			
% Forested in Upstream Drainage Area	52.35	% Herbaceaous Cover in ARA of Upstream Network	3.45			
% Agriculture in Upstream Drainage Area	29.72	% Herbaceaous Cover in ARA of Downstream Network	21.9			
% Natural Cover in ARA of Upstream Network	93.36	% Barren Cover in ARA of Upstream Network	0			
% Natural Cover in ARA of Downstream Network	72.72	% Barren Cover in ARA of Downstream Network	0.14			
% Forest Cover in ARA of Upstream Network	78.88	% Road Impervious in ARA of Upstream Network	0.03			
% Forest Cover in ARA of Downstream Network	31.22	% Road Impervious in ARA of Downstream Network	0.9			
% Agricultral Cover in ARA of Upstream Network	6.64	% Other Impervious in ARA of Upstream Network	0.34			
% Agricultral Cover in ARA of Downstream Network 20.52		% Other Impervious in ARA of Downstream Network	0.75			
% Impervious Surf in ARA of Upstream Network	0.02					
% Impervious Surf in ARA of Downstream Network	0.81					



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	Network, Syste	em Type	and Condition		
Functional Upstream Network	(mi) 1.27		Upstream Size Class Gain (#	÷)	0
Total Functional Network (mi) 76.94			# Downsteam Natural Barriers		0
Absolute Gain (mi)	1.27		# Downstream Hydropowe	Dams	0
# Size Classes in Total Networ	k 3		# Downstream Dams with F	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 Netwo	ork	0.99		
Density of Crossings in Upstre	am Network Watershed (#	/m2)	0		
Density of Crossings in Downs	stream Network Watershed	d (#/m2)	0.08		
Density of off-channel dams in	n Upstream Network Wate	rshed (#	/m2) 0		
Density of off-channel dams in	n Downstream Network Wa	atershed	d (#/m2) 0		
	Diac	dromous	s Fish		
Downstream Alewife	Current	Dow	nstream Striped Bass	None Doc	umented
Downstream Alewife Downstream Blueback	Current Current		nstream Striped Bass nstream Atlantic Sturgeon	None Doc	
	Current	Dow	·		umented
Downstream Blueback	Current	Dow Dow	nstream Atlantic Sturgeon	None Doc	umented
Downstream Blueback Downstream American Shad	Current None Documented None Documented	Dow Dow	vnstream Atlantic Sturgeon vnstream Shortnose Sturgeon vnstream American Eel	None Doc	umented
Downstream Blueback Downstream American Shad Downstream Hickory Shad	Current None Documented None Documented stream Anadromous Specie	Dow Dow	vnstream Atlantic Sturgeon vnstream Shortnose Sturgeon vnstream American Eel	None Doc	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 is in Modeled BKT Cat Barrier Blocks an EBTJV Catch	Current None Documented None Documented Stream Anadromous Species Stream (incl eel) ent Fish ment Chment (DeWeber) Mone Documented Note that the stream Anadromous Species Stream (incl eel) Note that the stream Anadromous Species Stream (incl eel) Ent Fish ment Note that the stream Anadromous Species Stream (incl eel)	Dow Dow S Curr 3	vinstream Atlantic Sturgeon vinstream Shortnose Sturgeon vinstream American Eel rent Strea Chesapeake Bay Program Str MD MBSS Benthic IBI Stream MD MBSS Fish IBI Stream He MD MBSS Combined IBI Stream	None Doc None Doc Current m Health eam Health Health alth am Health	rumented rum
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