Chesapeake Fish Passage Prioritization - Dam Fact Sheet

	Chesapeake Hish Fasse
CFPPP Unique ID:	CFPPP_601 unknown
Diadromous Tier	11
Brook Trout Tier	N/A
Resident Tier	16
NID ID	
State ID	
River Name	
Dam Height (ft)	0
Dam Type	
Latitude	37.9729
Longitude	-78.2688
Passage Facilities	None Documented
Passage Year	N/A
Size Class	1a: Headwater (0 - 3.861 sq mi)
HUC 12	Mechunk Creek
HUC 10	Mechunk Creek-Rivanna River
HUC 8	Rivanna
HUC 6	James
HUC 4	Lower Chesapeake



	Land	cover		
NLCD (2011)		Chesapeake Conservancy (2016)		
% Impervious Surface in Upstream Drainage Area 0.42		% Tree Cover in ARA of Upstream Network		
% Natural Cover in Upstream Drainage Area 77.2		% Tree Cover in ARA of Downstream Network		
% Forested in Upstream Drainage Area	77.23	% Herbaceaous Cover in ARA of Upstream Network	0	
% Agriculture in Upstream Drainage Area	18.81	% Herbaceaous Cover in ARA of Downstream Network	15.73	
% Natural Cover in ARA of Upstream Network	0	% Barren Cover in ARA of Upstream Network	0	
% Natural Cover in ARA of Downstream Network	79.33	% Barren Cover in ARA of Downstream Network	0.1	
% Forest Cover in ARA of Upstream Network	0	% Road Impervious in ARA of Upstream Network	0	
% Forest Cover in ARA of Downstream Network	65.28	% Road Impervious in ARA of Downstream Network	0.6	
% Agricultral Cover in ARA of Upstream Network	0	% Other Impervious in ARA of Upstream Network	0	
% Agricultral Cover in ARA of Downstream Network	16.03	% Other Impervious in ARA of Downstream Network	0.78	
% Impervious Surf in ARA of Upstream Network	0			
% Impervious Surf in ARA of Downstream Network	0.71			



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Absolute Gain (mi) 0.02 # Downstream Hydropower Dams 2 # Size Classes in Total Network 6 # Downstream Dams with Passage 4 # Upstream Network Size Classes 0 # of Downstream Barriers 4 NFHAP Cumulative Disturbance Index Very High Dam is on Conserved Land No Mc Conserved Land in 100m Buffer of Upstream Network 0 Mc Conserved Land in 100m Buffer of Downstream Network 11.23 Density of Crossings in Upstream Network Watershed (#/m2) 0 Density of Crossings in Downstream Network Watershed (#/m2) 0 Density of off-channel dams in Upstream Network Watershed (#/m2) 0 Density of off-channel dams in Downstream Network Watershed (#/m2) 0 Density of off-channel dams in Downstream Network Watershed (#/m2) 0 Downstream Alewife Potential Current Downstream Striped Bass None Documented Downstream American Shad None Documented Downstream Anaerican Sturgeon None Documented Downstream Hickory Shad None Documented Downstream American Eel Current Downstream Hickory Shad None Documented Downstream American Eel Current Resident Fish Stream Health N/A Barrier is in EBTJV BKT Catchment (DeWeber) No MD MBSS Benthic IBI Stream Health N/A Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Fish IBI Stream Health N/A Native Fish Species Richness (HUC8) 4 H Rare Fish (HUC8) 0 H Rare Fish (HUC8) 4	erri emque iz. erri <u>_</u>						
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Barrier Blocks an EBTJV Catchment Yes MD MBSS Fish IBI Stream Health N/A MD MBSS Combined IBI Stream Health N/A Native Fish Species Richness (HUC8) Rare Fish (HUC8) Rare Mussel (HUC8) MD MBSS Combined IBI Stream Health N/A VA INSTAR mIBI Stream Health N/A N/A	Barrier is in EBTJV BKT Catchment No.		No	Chesape	Chesapeake Bay Program Stream Health POOR		
Barrier Blocks a Modeled BKT Catchment (DeWeber) No Native Fish Species Richness (HUC8) # Rare Fish (HUC8) # Rare Mussel (HUC8) MD MBSS Combined IBI Stream Health VA INSTAR mIBI Stream Health PA IBI Stream Health N/A	Barrier is in Modeled BKT Catchment (DeWeber)		No	MD MBS	MD MBSS Benthic IBI Stream Health N,		
Native Fish Species Richness (HUC8) # Rare Fish (HUC8) # Rare Mussel (HUC8) 4 VA INSTAR mIBI Stream Health N/A N/A	Barrier Blocks an EBTJV Catchment Ye		Yes	MD MBS	MD MBSS Fish IBI Stream Health		N/A
# Rare Fish (HUC8) 0 PA IBI Stream Health N/A # Rare Mussel (HUC8) 4	Barrier Blocks a Modeled BKT Catchment (DeWeber) N		No	MD MBS	MD MBSS Combined IBI Stream Health		N/A
# Rare Mussel (HUC8) 4	Native Fish Species Richness (HUC8) 3		36	VA INSTA	VA INSTAR mIBI Stream Health		High
	# Rare Fish (HUC8)		0	PA IBI St	ream Health		N/A
# Rare Crayfish (HUC8) 0	# Rare Mussel (HUC8)		4				
	# Rare Crayfish (HUC8)		0				

