Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: CFPPP_697		unknown
Bay-wide Diadromous Tier	16	
Bay-wide Resident Tier	11	
Bay-wide Brook Trout Tier	N/A	
NID ID		
State ID		
River Name		

Dam Height (ft) Dam Type

37.9892 Latitude Longitude -78.1894

Passage Facilities None Documented

N/A Passage Year

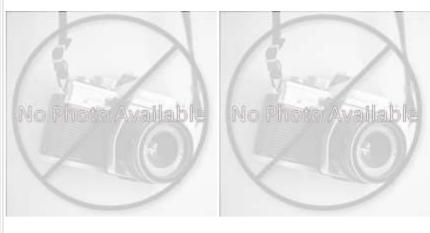
Size Class 1a: Headwater (0 - 3.861 sq mi)

HUC 12 Wheeler Creek

HUC 10 Upper South Anna River

HUC 8 Pamunkey

HUC₆ Lower Chesapeake HUC 4 Lower Chesapeake







Landcover			
NLCD (2011)		Chesapeake Conservancy (2016)	
% Impervious Surface in Upstream Drainage Area	8.88	% Tree Cover in ARA of Upstream Network	85.78
% Natural Cover in Upstream Drainage Area	77.57	% Tree Cover in ARA of Downstream Network	81.91
% Forested in Upstream Drainage Area	71.92	% Herbaceaous Cover in ARA of Upstream Network	7.83
% Agriculture in Upstream Drainage Area	1.3	% Herbaceaous Cover in ARA of Downstream Network	9.13
% Natural Cover in ARA of Upstream Network	83.43	% Barren Cover in ARA of Upstream Network	0
% Natural Cover in ARA of Downstream Network	91.94	% Barren Cover in ARA of Downstream Network	0
% Forest Cover in ARA of Upstream Network	75.62	% Road Impervious in ARA of Upstream Network	1.34
% Forest Cover in ARA of Downstream Network	71.56	% Road Impervious in ARA of Downstream Network	0.61
% Agricultral Cover in ARA of Upstream Network	0	% Other Impervious in ARA of Upstream Network	2.18
% Agricultral Cover in ARA of Downstream Network	5.31	% Other Impervious in ARA of Downstream Network	0.12
% Impervious Surf in ARA of Upstream Network	4.62		
% Impervious Surf in ARA of Downstream Network	0.46		



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CFPPP Unique ID: CFPPP_697 unknown Network, System Type and Condition Functional Upstream Network (mi) 1.05 Upstream Size Class Gain (#) 0 Total Functional Network (mi) 6.92 # Downsteam Natural Barriers 0 Absolute Gain (mi) 1.05 \cap # Downstream Hydropower Dams # Size Classes in Total Network # Downstream Dams with Passage O 1 # Upstream Network Size Classes # of Downstream Barriers 1 NEHAP Cumulative Disturbance Index Very High Dam is on Conserved Land Nο % Conserved Land in 100m Buffer of Upstream Network \cap % Conserved Land in 100m Buffer of Downstream Network Density of Crossings in Upstream Network Watershed (#/m2) 0.81 Density of Crossings in Downstream Network Watershed (#/m2) 1.88 Density of off-channel dams in Upstream Network Watershed (#/m2) Density of off-channel dams in Downstream Network Watershed (#/m2) Λ Diadromous Fish Downstream Alewife Historical **Downstream Striped Bass** None Documented Downstream Blueback Historical Downstream Atlantic Sturgeon None Documented Downstream American Shad None Documented None Documented Downstream Shortnose Sturgeon None Documented Downstream Hickory Shad None Documented Downstream American Eel One or More DS Anadromous Species Historical # Diadromous Sp Dnstrm (incl eel) Resident Fish and Rare Species Stream Health Barrier is in EBTJV BKT Catchment No Chesapeake Bay Program Stream Health POOR Barrier is in Modeled BKT Catchment (DeWeber) No MD MBSS Benthic IBI Stream Health N/A Barrier Blocks an EBTJV Catchment No MD MBSS Fish IBI Stream Health N/A Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Combined IBI Stream Health N/A Native Fish Species Richness (HUC8) 56 VA INSTAR mIBI Stream Health High # Rare Fish (HUC8) 1 PA IBI Stream Health N/A # Rare Mussel (HUC8) 3 # Rare Crayfish (HUC8) 0 Globally rare or fed listed fish/mussel sp HUC12 Rare fish or mussel sp in HUC12 Nο Nο Globally rare or fed listed fish/mussel sp in Rare fish or mussel in upstream or No No downstream functional network upstream or downstream functional network

