## **Chesapeake Fish Passage Prioritization - Dam Fact Sheet**

CFPPP Unique ID: **CFPPP\_147** unknown

Bay-wide Diadromous Tier 3Bay-wide Resident Tier 13

Bay-wide Brook Trout Tier N/A

NID ID
State ID

River Name

Dam Height (ft) 0

Dam Type

HUC 4

Latitude 38.4126

Longitude -77.8627

Passage Facilities None Documented

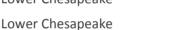
Passage Year N/A

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

HUC 12 Potato Run-Rapidan River
HUC 10 Cedar Run-Rapidan River

HUC 8 Rapidan-Upper Rappahannock

HUC 6 Lower Chesapeake









Landcover			
NLCD (2011)		Chesapeake Conservancy (2016)	
% Impervious Surface in Upstream Drainage Area	0	% Tree Cover in ARA of Upstream Network	36.5
% Natural Cover in Upstream Drainage Area	34.08	% Tree Cover in ARA of Downstream Network	62.07
% Forested in Upstream Drainage Area	19.59	% Herbaceaous Cover in ARA of Upstream Network	53.49
% Agriculture in Upstream Drainage Area	65.92	% Herbaceaous Cover in ARA of Downstream Network	28.22
% Natural Cover in ARA of Upstream Network	31.85	% Barren Cover in ARA of Upstream Network	0
% Natural Cover in ARA of Downstream Network	61.15	% Barren Cover in ARA of Downstream Network	0.27
% Forest Cover in ARA of Upstream Network	17.78	% Road Impervious in ARA of Upstream Network	0
% Forest Cover in ARA of Downstream Network	38.92	% Road Impervious in ARA of Downstream Network	0.91
% Agricultral Cover in ARA of Upstream Network	68.15	% Other Impervious in ARA of Upstream Network	0
% Agricultral Cover in ARA of Downstream Network	32.21	% Other Impervious in ARA of Downstream Network	1.01
% Impervious Surf in ARA of Upstream Network	0		
% Impervious Surf in ARA of Downstream Network	1.05		



## **Chesapeake Fish Passage Prioritization - Dam Fact Sheet**

CFPPP Unique ID: CFPPP 147 unknown Network, System Type and Condition Functional Upstream Network (mi) Upstream Size Class Gain (#) O 0.06 Total Functional Network (mi) 3329.08 # Downsteam Natural Barriers 0 Absolute Gain (mi) 0.06  $\cap$ # Downstream Hydropower Dams # Size Classes in Total Network 5 # Downstream Dams with Passage O # Upstream Network Size Classes n # of Downstream Barriers Λ NEHAP Cumulative Disturbance Index High Dam is on Conserved Land Nο % Conserved Land in 100m Buffer of Upstream Network % Conserved Land in 100m Buffer of Downstream Network 20.81 Density of Crossings in Upstream Network Watershed (#/m2) Density of Crossings in Downstream Network Watershed (#/m2) 0.91 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 **Downstream Striped Bass** None Documented Current Downstream Blueback Current Downstream Atlantic Sturgeon None Documented Downstream American Shad None Documented None Documented Downstream Shortnose Sturgeon Downstream American Eel Downstream Hickory Shad None Documented Current One or More DS Anadromous Species Current # Diadromous Sp Dnstrm (incl eel) Resident Fish and Rare Species Stream Health Barrier is in EBTJV BKT Catchment No Chesapeake Bay Program Stream Health GOOD Barrier is in Modeled BKT Catchment (DeWeber) No MD MBSS Benthic IBI Stream Health N/A Barrier Blocks an EBTJV Catchment Yes 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) 38 VA INSTAR mIBI Stream Health Very High 0 # Rare Fish (HUC8) PA IBI Stream Health N/A # Rare Mussel (HUC8) 4 # 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 Yes



downstream functional network

upstream or downstream functional network