Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: CFPPP_238 unknown

Diadromous Tier 17

Brook Trout Tier N/A

Resident Tier 20

NID ID

State ID

River Name

Dam Height (ft) 0

Dam Type

Latitude 37.9829

Longitude -78.2644

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	0.69	% Tree Cover in ARA of Upstream Network	0
% Natural Cover in Upstream Drainage Area	61.4	% Tree Cover in ARA of Downstream Network	0
% Forested in Upstream Drainage Area	50.77	% Herbaceaous Cover in ARA of Upstream Network	0
% Agriculture in Upstream Drainage Area	25.87	% Herbaceaous Cover in ARA of Downstream Network	0
% Natural Cover in ARA of Upstream Network	0	% Barren Cover in ARA of Upstream Network	0
% Natural Cover in ARA of Downstream Network	0	% Barren Cover in ARA of Downstream Network	0
% Forest Cover in ARA of Upstream Network	0	% Road Impervious in ARA of Upstream Network	0
% Forest Cover in ARA of Downstream Network	0	% Road Impervious in ARA of Downstream Network	0
% Agricultral Cover in ARA of Upstream Network	0	% Other Impervious in ARA of Upstream Network	0
% Agricultral Cover in ARA of Downstream Networl	k 0	% Other Impervious in ARA of Downstream Network	0
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% Impervious Surf in ARA of Downstream Network	0		



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Network, System Type and Condition Functional Upstream Network (mi) 0.27 Upstream Size Class Gain (#) 0 Total Functional Network (mi) 0.55 # Downsteam Natural Barriers 0 Absolute Gain (mi) 0.27 # Downstream Hydropower Dams 2 # Size Classes in Total Network 0 # Downstream Barriers 5 # Upstream Network Size Classes 0 # of Downstream Barriers 5 NFHAP Cumulative Disturbance Index Very High Dam is on Conserved Land in 100m Buffer of Upstream Network 0 # Conserved Land in 100m Buffer of Downstream Network 0 # Conserved Land in 100m Buffer of Downstream Network 0 # Conserved Land in 100m Buffer of Downstream Network 0 # Conserved Land in 100m Buffer of Downstream Network 0 Density of Crossings in Upstream Network Watershed (#/m2) 1.63 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 Diadromous Fish Downstream Alewife Historical Downstream Striped Bass None Documented Downstream Alewife Historical Downstream Atlantic Sturgeon None Documented Downstream American Shad None Documented Downstream American Eel Current Presence of 1 or More Downstream Anadromous Species Historical # Diadromous Species Downstream (incl eel) 1 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 Combined IBI Stream Health N/A Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Combined IBI Stream Health N/A Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Combined IBI Stream Health N/A Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Combined IBI Stream Health N/A Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Fish IBI Stream Health N/A Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Fish IBI Stream Health N/A Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Fish IBI Stream Health N/A Barrier Blocks a Mo	CFPPP Unique ID: CFPPP_238	3 unknown					
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	# Rare Crayfish (HUC8)		0				

