Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: CFPPP_242 unknown Diadromous Tier 13 Brook Trout Tier N/A **Resident Tier** 19 NID ID State ID River Name Dam Height (ft) Dam Type Latitude 38.0038 Longitude -78.2501 Passage Facilities None Documented N/A Passage Year Size Class 1a: Headwater (0 - 3.861 sq mi) HUC 12 Mechunk Creek HUC 10 Mechunk Creek-Rivanna River HUC8 Rivanna HUC 6 James

Lower Chesapeake



	Land	cover	
NLCD (2011)		Chesapeake Conservancy (2016)	
% Impervious Surface in Upstream Drainage Area	3.34	% Tree Cover in ARA of Upstream Network	48.19
% Natural Cover in Upstream Drainage Area	61.1	% Tree Cover in ARA of Downstream Network	3.29
% Forested in Upstream Drainage Area	56.32	% Herbaceaous Cover in ARA of Upstream Network	37.26
% Agriculture in Upstream Drainage Area	3.56	% Herbaceaous Cover in ARA of Downstream Network	92.71
% Natural Cover in ARA of Upstream Network	37.5	% 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	37.5	% Road Impervious in ARA of Upstream Network	11.31
% 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	3.24
% Agricultral Cover in ARA of Downstream Network	0	% Other Impervious in ARA of Downstream Network	4
% Impervious Surf in ARA of Upstream Network	3.54		
% Impervious Surf in ARA of Downstream Network	29		

HUC 4

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# Diadromous Species Downstream (incl eel) Resident Fish Barrier is in EBTJV BKT Catchment Barrier is in Modeled BKT Catchment (DeWeber) Barrier Blocks an EBTJV Catchment No MD MBSS Fish IBI Stream Health N/A MD MBSS Combined IBI Stream Health N/A MD MBSS Combined IBI Stream Health N/A	CFPPP Unique ID: CFPPP_242	unknown					
Total Functional Network (mi) 0.52 # Downsteam Natural Barriers 0 Absolute Gain (mi) 0.26 # Downstream Hydropower Dams 2 # Size Classes in Total Network 0 # Downstream Barriers 6 NFHAP Cumulative Disturbance Index Low Dam is on Conserved Land No % Conserved Land in 100m Buffer of Upstream Network 0 % Conserved Land in 100m Buffer of Downstream Network 0 Density of Crossings in Upstream 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 Density of off-channel dams in Downstream Network Watershed (#/m2) 0 Density of off-channel dams in Downstream Network Watershed (#/m2) 0 Downstream Alewife Historical Downstream Striped Bass None Documented Downstream American Shad None Documented Downstream Atlantic Sturgeon None Documented Downstream Hickory Shad None Documented Downstream American Eel Current Resident Fish Stream Health POOR Barrier is in EBTJV BKT Catchment (ncl eel) 1 Resident Fish Stream Health N/A Barrier Blocks a Modeled 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 Native Fish Species Richness (HUC8) 0 PA IBI Stream Health High # Rare Fish (HUC8) 0 PA IBI Stream Health High # Rare Fish (HUC8) 0 PA IBI Stream Health N/A		Network, Sy	stem 1	Type and Cor	ndition		
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	# Rare Crayfish (HUC8)		0				

