Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: VA_99 KENNEDY DAM

Bay-wide Diadromous Tier 2
Bay-wide Resident Tier 5

Bay-wide Brook Trout Tier N/A

NID ID VA17910

State ID 99

River Name

Dam Height (ft) 24

Dam Type Gravity
Latitude 38.284

Longitude -77.4269

Passage Facilities None Documented

Passage Year N/A

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

HUC 12 Hazel Run-Rappahannock River

HUC 10 Massaponax Creek-Rappahanno

HUC 8 Lower Rappahannock

HUC 6 Lower Chesapeake

HUC 4 Lower Chesapeake







	Land	lcover	
NLCD (2011)		Chesapeake Conservancy (2016)	
% Impervious Surface in Upstream Drainage Area	10.65	% Tree Cover in ARA of Upstream Network	57.56
% Natural Cover in Upstream Drainage Area	32.53	% Tree Cover in ARA of Downstream Network	62.07
% Forested in Upstream Drainage Area	27.65	% Herbaceaous Cover in ARA of Upstream Network	15.27
% Agriculture in Upstream Drainage Area	2.11	% Herbaceaous Cover in ARA of Downstream Network	28.22
% Natural Cover in ARA of Upstream Network	62.96	% 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	38.62	% Road Impervious in ARA of Upstream Network	3.34
% 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	0	% Other Impervious in ARA of Upstream Network	6.14
% 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	5.07		
% Impervious Surf in ARA of Downstream Network	1.05		



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Fotal Functional Network (mi) 3330.75 # Downsteam Natural Barriers 0 Absolute Gain (mi) 1.73 # Downstream Hydropower Dams 0 # Size Classes in Total Network 5 # Downstream Barriers 0 # Upstream Network Size Classes 1 # of Downstream Barriers 0 # Upstream Network Size Classes 1 # of Downstream Barriers 0 # Upstream Network Size Classes 1 # of Downstream Barriers 0 # Upstream Network Size Classes 1 # of Downstream Barriers 0 # HAPP Cumulative Disturbance Index Very High No # Conserved Land in 100m Buffer of Downstream Network 0 # Conserved Land in 100m Buffer of Downstream Network 20.81 # Conserved Land in 100m Buffer of Downstream Network 20.81 Density of Crossings in Upstream Network Watershed (#/m2) 1.47 # Doensity 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 Upstream Network Watershed (#/m2) 0 # Downstream Alewife Current Downstream Striped Bass None Documented # Downstream Allewife Current Downstream Atlantic Sturgeon None Documented # Downstream American Shad None Documented Downstream American Eel Current # Downstream Hickory Shad None Documented Downstream American Eel Current # Diadromous Species Downstream Anadromous Species Current # Diadromous Species Downstream (incl eel) 3 # Resident Fish Stream Health N/A # Barrier Is in EBTIV BKT Catchment (DeWeber) No MD MBSS Benthic IBI Stream Health N/A # Barrier Is in Modeled BKT Catchment (DeWeber) No MD MBSS Combined IBI Stream Health N/A # Native Fish Species Richness (HUC8) 58 VA INSTAR mIBI Stream Health N/A # Native Fish Species Richness (HUC8) 2 PA IBI Stream Health N/A # Rare Mussel (HUC8) 2 PA IBI Stream Health N/A	CFPPP Unique ID: VA_99	KENNEDY DAIVI						
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	# Rare Mussel (HUC8)		2				•	
	# Rare Crayfish (HUC8)		0					

