Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: VA_472 BEVINS POND DAM

Diadromous Tier 9

Brook Trout Tier N/A

Resident Tier 7

NID ID VA14527

State ID 472

River Name

Dam Height (ft) 23

Dam Type Earth

Latitude 37.5509

Longitude -78.088

Passage Facilities None Documented

Passage Year N/A

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

HUC 12 Maxey Mill Creek-Deep Creek

HUC 10 Deep Creek-James River

HUC 8 Middle James-Willis

HUC 6 James

HUC 4 Lower Chesapeake







Landcover							
NLCD (2011)		Chesapeake Conservancy (2016)					
% Impervious Surface in Upstream Drainage Area	0.2	% Tree Cover in ARA of Upstream Network	76.31				
% Natural Cover in Upstream Drainage Area	90.4	% Tree Cover in ARA of Downstream Network	92.84				
% Forested in Upstream Drainage Area	35.36	% Herbaceaous Cover in ARA of Upstream Network	14.58				
% Agriculture in Upstream Drainage Area	5.85	% Herbaceaous Cover in ARA of Downstream Network	5.77				
% Natural Cover in ARA of Upstream Network	98.39	% Barren Cover in ARA of Upstream Network	0				
% Natural Cover in ARA of Downstream Network	94.49	% Barren Cover in ARA of Downstream Network	0				
% Forest Cover in ARA of Upstream Network	56.45	% Road Impervious in ARA of Upstream Network	0				
% Forest Cover in ARA of Downstream Network	67.46	% Road Impervious in ARA of Downstream Network	0.19				
% Agricultral Cover in ARA of Upstream Network	1.61	% Other Impervious in ARA of Upstream Network	0.13				
% Agricultral Cover in ARA of Downstream Network	4.85	% Other Impervious in ARA of Downstream Network	0.28				
% Impervious Surf in ARA of Upstream Network	0						
% Impervious Surf in ARA of Downstream Network	0.04						



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Total Functional Network (mi) 162.08 # Downsteam Natural Barriers 0 Absolute Gain (mi) 0.14 # Downstream Hydropower Dams 2 # Size Classes in Total Network 3 # Downstream Barriers 5 NFHAP Cumulative Disturbance Index Not Scored / Unavailable at this sca Dam is on Conserved Land No % Conserved Land in 100m Buffer of Upstream Network 0 % Conserved Land in 100m Buffer of Downstream Network 11.25 Density of Crossings in Upstream Network Watershed (#/m2) 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 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 Documen Downstream American Shad None Documented Downstream Atlantic Sturgeon None Documen Downstream Hickory Shad None Documented Downstream American Eel Current Presence of 1 or More Downstream Anadromous Species Historical # Diadromous Species Downstream (incl eel) 1 Resident Fish Barrier is in EBTJV BKT Catchment No MD MBSS Benthic IBI Stream Health N/A Barrier Is in Modeled BKT Catchment (DeWeber) 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) 51 VA INSTAR mIBI Stream Health High # Rare Fish (HUC8) 0 PA IBI Stream Health N/A # Rare Mussel (HUC8) 3	CIFFF Offique ID. VA_4/2 BLVII	TO TO DAIVI				
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what endynam (mees)	# Rare Crayfish (HUC8)	0				

