Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: VA_1212 MADISON MILL DAM

Bay-wide Diadromous Tier 1
Bay-wide Resident Tier 1

Bay-wide Brook Trout Tier N/A

1212

NID ID VA09907

River Name

State ID

Dam Height (ft) 17

Dam Type Gravity
Latitude 38.2868

Longitude -77.1513

Passage Facilities None Documented

Passage Year N/A

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

HUC 12 Upper Machodoc Creek

HUC 10 Machodoc Creek-Potomac River

HUC 8 Lower Potomac

HUC 6 Potomac HUC 4 Potomac







Landcover								
NLCD (2011)		Chesapeake Conservancy (2016)						
% Impervious Surface in Upstream Drainage Area	1.49	% Tree Cover in ARA of Upstream Network	95.49					
% Natural Cover in Upstream Drainage Area	84.75	% Tree Cover in ARA of Downstream Network	61.16					
% Forested in Upstream Drainage Area	71.7	% Herbaceaous Cover in ARA of Upstream Network	2.6					
% Agriculture in Upstream Drainage Area	5.65	% Herbaceaous Cover in ARA of Downstream Network	9.12					
% Natural Cover in ARA of Upstream Network	95.92	% Barren Cover in ARA of Upstream Network	0					
% Natural Cover in ARA of Downstream Network	86.08	% Barren Cover in ARA of Downstream Network	0.1					
% Forest Cover in ARA of Upstream Network	68.39	% Road Impervious in ARA of Upstream Network	0.52					
% Forest Cover in ARA of Downstream Network	29.96	% Road Impervious in ARA of Downstream Network	0.69					
% Agricultral Cover in ARA of Upstream Network	1.87	% Other Impervious in ARA of Upstream Network	0.33					
% Agricultral Cover in ARA of Downstream Network	4.88	% Other Impervious in ARA of Downstream Network	1.39					
% Impervious Surf in ARA of Upstream Network	0.41							
% Impervious Surf in ARA of Downstream Network	2.16							



Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: VA_1212 MADISON MILL DAM

Absolute Gain (mi) 8.72 # Downstream Hydropower Dams 0 # Size Classes in Total Network 3 # Downstream Barriers 0 NFHAP Cumulative Disturbance Index Not Scored / Unavailable at this scale Dam is on Conserved Land in 100m Buffer of Upstream Network 0 % Conserved Land in 100m Buffer of Downstream Network 4.51 Density of Crossings in Upstream Network Watershed (#/m2) 0 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 Density of off-channel dams in Downstream Network Watershed (#/m2) 0 Density of off-channel dams in Downstream Network Watershed (#/m2) 0 Diadromous Fish Downstream Alewife Current Downstream Striped Bass None Documented Downstream American Shad None Documented Downstream Shortnose Sturgeon None Documented Downstream Hickory Shad None Documented Downstream American Eel Current # Diadromous Species Downstream (incl eel) 3 Resident Fish Stream Health POOR MD MBSS Fish IBI Stream Health N/A MD MBSS Fish IBI Stream Health N/A MD MBSS Combined IBI Stream Health N/A MD MBSS Co	CITTY Offique ID. VA_1212	IVIADISON IVIILL I	DAIVI					
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	# Rare Mussel (HUC8)		2				-	
	# Rare Crayfish (HUC8)		0					

