Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: VA_1235 LOWRY DAM

8

Bay-wide Resident Tier 9
Bay-wide Brook Trout Tier N/A

NID ID VA10722 State ID 1235

Bav-wide Diadromous Tier

River Name

Dam Height (ft) 26

Dam Type Gravity
Latitude 39.3011
Longitude -77.6749

Passage Facilities None Documented

Passage Year N/A

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

HUC 12 Piney Run-Potomac River
HUC 10 Piney Run-Potomac River
HUC 8 Middle Potomac-Catoctin

HUC 6 Potomac HUC 4 Potomac







	Land	cover	
NLCD (2011)		Chesapeake Conservancy (2016)	
% Impervious Surface in Upstream Drainage Area	0.15	% Tree Cover in ARA of Upstream Network	72.16
% Natural Cover in Upstream Drainage Area	67.06	% Tree Cover in ARA of Downstream Network	50.17
% Forested in Upstream Drainage Area	61.99	% Herbaceaous Cover in ARA of Upstream Network	24.54
% Agriculture in Upstream Drainage Area	28.96	% Herbaceaous Cover in ARA of Downstream Network	39.72
% Natural Cover in ARA of Upstream Network	63.44	% Barren Cover in ARA of Upstream Network	0
% Natural Cover in ARA of Downstream Network	43.71	% Barren Cover in ARA of Downstream Network	0.35
% Forest Cover in ARA of Upstream Network	57.31	% Road Impervious in ARA of Upstream Network	0.46
% Forest Cover in ARA of Downstream Network	30.17	% Road Impervious in ARA of Downstream Network	1.96
% Agricultral Cover in ARA of Upstream Network	31.82	% Other Impervious in ARA of Upstream Network	2.18
% Agricultral Cover in ARA of Downstream Network	38.99	% Other Impervious in ARA of Downstream Network	3.66
% Impervious Surf in ARA of Upstream Network	0.17		
% Impervious Surf in ARA of Downstream Network	3.98		



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Absolute Gain (mi) 1.05 # Downstream Hydropower Dams 0 # Size Classes in Total Network 7 # Downstream Dams with Passage 1 # Upstream Network Size Classes 1 # of Downstream Barriers 2 NFHAP Cumulative Disturbance Index High No % Conserved Land in 100m Buffer of Upstream Network 0 % Conserved Land in 100m Buffer of Downstream Network 19.33 Density of Crossings in Upstream Network Watershed (#/m2) 4.52 Density of Crossings in Upstream Network Watershed (#/m2) 1.35 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) 1 Downstream Alewife Historical Downstream Atlantic Sturgeon None Documented Downstream American Shad None Documented Downstream American Shad None Documented Downstream American Eel Current Presence of 1 or More Downstream Anadromous Species Downstream Anadromous Species Potential Curre # Downstream American Eel Current Potential Curre # Downstream Shortnose Sturgeon None Documented Downstream American Eel Current Potential Curre # Downstream Shortnose Sturgeon None Documented Downstream Shortnose Sturgeon None Documented Downstream American Eel Current Potential Curre # Downstream Health Poor MD MBSS Fish IBI Stream Health Poor MD MBSS Fish IBI Stream Health Poor None Documented Stream Health Poor None Documented Downstream Shortnose Sturgeon None Documented None Barrier is in Modeled BKT Catchment (DeWeber) No MD MBSS Fish IBI Stream Health Poor Native Fish Species Richness (HUC8) 51 VA INSTAR mIBI Stream Health Poor Native Fish Species Richness (HUC8) 51 VA INSTAR mIBI Stream Health High # Rare Fish (HUC8) 4								
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	# Rare Crayfish (HUC8)		0					

