Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: MD_12165 LAKE JENNIFER

Bay-wide Diadromous Tier 20
Bay-wide Resident Tier 16
Bay-wide Brook Trout Tier N/A

 NID ID
 MD00122

 State ID
 12165

River Name

Dam Height (ft) 15

Dam Type Earth
Latitude 39.4117

Longitude -77.1582

Passage Facilities None Documented

Passage Year N/A

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

HUC 12 South Fork Linganore Creek

HUC 10 Middle Monocacy River

HUC 8 Monocacy
HUC 6 Potomac
HUC 4 Potomac







	Land	cover	
NLCD (2011)		Chesapeake Conservancy (2016)	
% Impervious Surface in Upstream Drainage Area	1.74	% Tree Cover in ARA of Upstream Network	43.22
% Natural Cover in Upstream Drainage Area	24.62	% Tree Cover in ARA of Downstream Network	52.65
% Forested in Upstream Drainage Area	19.61	% Herbaceaous Cover in ARA of Upstream Network	50.46
% Agriculture in Upstream Drainage Area	50.84	% Herbaceaous Cover in ARA of Downstream Network	42.57
% Natural Cover in ARA of Upstream Network	42.3	% Barren Cover in ARA of Upstream Network	0
% Natural Cover in ARA of Downstream Network	44.38	% Barren Cover in ARA of Downstream Network	0.07
% Forest Cover in ARA of Upstream Network	30.05	% Road Impervious in ARA of Upstream Network	0.45
% Forest Cover in ARA of Downstream Network	33.92	% Road Impervious in ARA of Downstream Network	0.92
% Agricultral Cover in ARA of Upstream Network	41.41	% Other Impervious in ARA of Upstream Network	3.59
% Agricultral Cover in ARA of Downstream Network	45.72	% Other Impervious in ARA of Downstream Network	2.06
% Impervious Surf in ARA of Upstream Network	0.9		
% Impervious Surf in ARA of Downstream Network	1.38		



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# Size Classes in Total Network 3 # Downstream Dams with Passage 1 # Upstream Network Size Classes 1 # of Downstream Barriers 4 NFHAP Cumulative Disturbance Index Very High No % Conserved Land In 100m Buffer of Upstream Network 13.04 % Conserved Land in 100m Buffer of Downstream Network 8.81 Density of Crossings in Upstream Network Watershed (#/m2) 1.05 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 Density of off-channel dams in Downstream Network Watershed (#/m2) 0 Diadromous Fish Downstream Alewife None Documented Downstream Striped Bass None Documented Downstream American Shad None Documented Downstream Atlantic Sturgeon None Documented Downstream American Shad None Documented Downstream American Eel None Documented Downstream Hickory Shad None Documented Downstream American Eel None Documented Presence of 1 or More Downstream Anadromous Species None Docume # Diadromous Species Downstream (incl eel) 0 Resident Fish Barrier is in EBTJV BKT Catchment No MD MBSS Benthic IBI Stream Health POOR Barrier is in Modeled BKT Catchment (DeWeber) No MD MBSS Fish IBI Stream Health Poor Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Combined IBI Stream Health Poor Native Fish Species Richness (HUC8) 36 VA INSTAR milBI Stream Health N/A # Rare Fish (HUC8) 0 PA IBI Stream Health N/A								
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	# Rare Crayfish (HUC8)		0					

