Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: VA_548 LAKE LANDOR DAM

Diadromous Tier 2

Brook Trout Tier N/A

Resident Tier 2

NID ID VA03309

State ID 548

River Name Maple Swamp

Dam Height (ft) 28.2

Dam Type Gravity

Latitude 38.025

Longitude -77.5584

Passage Facilities None Documented

Passage Year N/A

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

HUC 12 South River

HUC 10 Matta River-Mattaponi River

HUC 8 Mattaponi

HUC 6 Lower Chesapeake

HUC 4 Lower Chesapeake







Landcover								
NLCD (2011)		Chesapeake Conservancy (2016)						
% Impervious Surface in Upstream Drainage Area	1.29	% Tree Cover in ARA of Upstream Network	67.53					
% Natural Cover in Upstream Drainage Area	69.34	% Tree Cover in ARA of Downstream Network	81.81					
% Forested in Upstream Drainage Area	49.38	% Herbaceaous Cover in ARA of Upstream Network	13.21					
% Agriculture in Upstream Drainage Area	19.15	% Herbaceaous Cover in ARA of Downstream Network	10.66					
% Natural Cover in ARA of Upstream Network	85.75	% Barren Cover in ARA of Upstream Network	0					
% Natural Cover in ARA of Downstream Network	86.69	% Barren Cover in ARA of Downstream Network	0.32					
% Forest Cover in ARA of Upstream Network	52.66	% Road Impervious in ARA of Upstream Network	1.16					
% Forest Cover in ARA of Downstream Network	38.6	% Road Impervious in ARA of Downstream Network	0.49					
% Agricultral Cover in ARA of Upstream Network	3.11	% Other Impervious in ARA of Upstream Network	1.3					
% Agricultral Cover in ARA of Downstream Network	9.76	% Other Impervious in ARA of Downstream Network	0.52					
% Impervious Surf in ARA of Upstream Network	1.54							
% Impervious Surf in ARA of Downstream Network	0.44							



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Total Functional Network (ml) 1693 # Downsteam Natural Barriers 0 Absolute Gain (mi) 4.03 # Downstream Hydropower Dams 0 # Size Classes in Total Network 4 # Downstream Barriers 0 # Upstream Network Size Classes 1 # of Downstream Barriers 0 NFHAP Cumulative Disturbance Index Not Scored / Unavailable at this scalar Society of Conserved Land in 100m Buffer of Downstream Network 0 % Conserved Land in 100m Buffer of Downstream Network 0. % Conserved Land in 100m Buffer of Downstream Network 6.56 Density of Crossings in Upstream Network Watershed (#/m2) 0.35 Density of Crossings in Downstream Network Watershed (#/m2) 0.64 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 Downstream Alewife Current Downstream Striped Bass None Documer Downstream Blueback Current Downstream Atlantic Sturgeon None Documer Downstream American Shad None Documented Downstream American Eel Current Downstream Hickory Shad None Documented Downstream American Eel Current # Diadromous Species Downstream (incl eel) 3 Resident Fish Stream Health Fall Barrier is in EBTJV BKT Catchment (DeWeber) No MD MBSS Benthic IBI Stream Health N/A Barrier Blocks an EBTJV Catchment No MD MBSS Fish IBI Stream Health N/A Barrier Blocks an Modeled BKT Catchment (DeWeber) No MD MBSS Combined IBI Stream Health N/A Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Combined IBI Stream Health N/A Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Combined IBI Stream Health N/A Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Combined IBI Stream Health N/A Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Combined IBI Stream Health N/A Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Combined IBI Stream Health N/A Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Combined IBI Stream Health N/A Barrier Blocks an EBTJV Catchment (DeWeber) No MD MBSS Com	ue id: VA_548 LAKE L	ANDOR DAIVI					
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