Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: VA_937 POND LICK BRANCH DAM

Bay-wide Diadromous Tier 8
Bay-wide Resident Tier 1
Bay-wide Brook Trout Tier 1

NID ID VA00502

State ID 937

River Name Pond Lick Branch

Dam Height (ft) 29

Dam Type Earth

Latitude 37.7342

Longitude -80.0296

Passage Facilities None Documented

Passage Year N/A

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

HUC 12 Hays Creek-Potts Creek

HUC 10 Potts Creek
HUC 8 Upper James

HUC 6 James

HUC 4 Lower Chesapeake







Landcover							
NLCD (2011)		Chesapeake Conservancy (2016)					
% Impervious Surface in Upstream Drainage Area	0.16	% Tree Cover in ARA of Upstream Network	95.88				
% Natural Cover in Upstream Drainage Area	98.1	% Tree Cover in ARA of Downstream Network	79.82				
% Forested in Upstream Drainage Area	95.08	% Herbaceaous Cover in ARA of Upstream Network	3				
% Agriculture in Upstream Drainage Area	0.77	% Herbaceaous Cover in ARA of Downstream Network	16.17				
% Natural Cover in ARA of Upstream Network	96.82	% Barren Cover in ARA of Upstream Network	0				
% Natural Cover in ARA of Downstream Network	76.44	% Barren Cover in ARA of Downstream Network	0.07				
% Forest Cover in ARA of Upstream Network	92.84	% Road Impervious in ARA of Upstream Network	0.2				
% Forest Cover in ARA of Downstream Network	73.79	% Road Impervious in ARA of Downstream Network	1.21				
% Agricultral Cover in ARA of Upstream Network	1.59	% Other Impervious in ARA of Upstream Network	0.18				
% Agricultral Cover in ARA of Downstream Network	14.36	% Other Impervious in ARA of Downstream Network	1.07				
% Impervious Surf in ARA of Upstream Network	0.22						
% Impervious Surf in ARA of Downstream Network	1.46						



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Absolute Gain (mi) 2.48 # Downstream Hydropower Dams 8 # Size Classes in Total Network 5 # Downstream Dams with Passage 4 # Upstream Network Size Classes 1 # of Downstream Barriers 11 NFHAP Cumulative Disturbance Index High Dam is on Conserved Land No % Conserved Land in 100m Buffer of Upstream Network % Conserved Land in 100m Buffer of Downstream Network 48.9.71 % Conserved Land in 100m Buffer of Downstream Network Density of Crossings in Upstream Network Watershed (#/m2) Density of Crossings in Upstream Network Watershed (#/m2) Density of off-channel dams in Upstream Network Watershed (#/m2) Density of off-channel dams in Downstream Network Watershed (#/m2) Density of off-channel dams in Downstream Network Watershed (#/m2) Downstream Alewife Historical Downstream Allewife Downstream American Shad None Documented Downstream American Shad None Documented Downstream American Eel None Documented Downstream American Eel None Documented Presence of 1 or More Downstream Anadromous Species # Diadromous Species Downstream (incl eel) Resident Fish Barrier is in EBTJV BKT Catchment No Barrier is in Modeled BKT Catchment (DeWeber) Barrier is in Modeled BKT Catchment (DeWeber) No Barrier Blocks a Modeled BKT Catchment (DeWeber) No Native Fish Species Richness (HUC8) 47 VA INSTAR milBi Stream Health N/A WA INSTAR milBi Stream Health N/A # Rare Mussel (HUC8) 4 PA IBI Stream Health N/A		Network, Sy	ystem	Type a	nd Con	dition		
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