Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: PA_49-037 DORNSIFE

Diadromous Tier 16

Brook Trout Tier N/A

Resident Tier 7

NID ID

State ID 49-037

River Name

Dam Height (ft) 4

Dam Type Earth

Latitude 40.7456

Longitude -76.792

Passage Facilities None Documented

Passage Year N/A

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

HUC 12 Lower Mahanoy Creek-Susqueh

HUC 10 Mahanoy Creek

HUC 8 Lower Susquehanna-Penns

HUC 6 Lower Susquehanna

HUC 4 Susquehanna







Landcover							
NLCD (2011)		Chesapeake Conservancy (2016)					
% Impervious Surface in Upstream Drainage Area	0.03	% Tree Cover in ARA of Upstream Network	82.95				
% Natural Cover in Upstream Drainage Area	92.47	% Tree Cover in ARA of Downstream Network	57.9				
% Forested in Upstream Drainage Area	92.47	% Herbaceaous Cover in ARA of Upstream Network	16.79				
% Agriculture in Upstream Drainage Area	6.58	% Herbaceaous Cover in ARA of Downstream Network	29.41				
% Natural Cover in ARA of Upstream Network	79.82	% Barren Cover in ARA of Upstream Network	0.14				
% Natural Cover in ARA of Downstream Network	63.5	% Barren Cover in ARA of Downstream Network	0.56				
% Forest Cover in ARA of Upstream Network	79.82	% Road Impervious in ARA of Upstream Network	0				
% Forest Cover in ARA of Downstream Network	52.34	% Road Impervious in ARA of Downstream Network	1.34				
% Agricultral Cover in ARA of Upstream Network	16.6	% Other Impervious in ARA of Upstream Network	0.02				
% Agricultral Cover in ARA of Downstream Network	23.41	% Other Impervious in ARA of Downstream Network	2.82				
% Impervious Surf in ARA of Upstream Network	0.06						
% Impervious Surf in ARA of Downstream Network	2.58						



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# Size Classes in Total Network 6 # Downstream Dams with Passage 5 # Upstream Network Size Classes 1 # of Downstream Barriers 5 NFHAP Cumulative Disturbance Index	CIFFF Offique ID. FA_45-037	DOMASII L						
Total Functional Network (mi) 4509.51 # Downsteam Natural Barriers 0 Absolute Gain (mi) 1.84 # Downstream Hydropower Dams 4 # Size Classes in Total Network 6 # Downstream Dams with Passage 5 # Upstream Network Size Classes 1 # of Downstream Barriers 5 NFHAP Cumulative Disturbance Index Low Dam is on Conserved Land No % Conserved Land in 100m Buffer of Upstream Network 48.96 % Conserved Land in 100m Buffer of Downstream Network 8.38 Density of Crossings in Upstream Network Watershed (#/m2) 0.45 Density of Crossings in Upstream Network Watershed (#/m2) 0.45 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 Diadromous Fish Downstream Alewife None Documented Downstream Striped Bass None Documented Downstream Allewife None Documented Downstream Atlantic Sturgeon None Documented Downstream Hickory Shad None Documented Downstream American Eel Current Presence of 1 or More Downstream Anadromous Species None Docume # Diadromous Species Downstream (incl eel) 1 Resident Fish Stream Health None Barrier is in Modeled BKT Catchment (DeWeber) No MD MBSS Benthic IBI Stream Health N/A Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Fish IBI Stream Health N/A Native Fish Species Richness (HUC8) 33 VA INSTAR mIBI Stream Health N/A # Rare Fish (HUC8) 0 PA IBI Stream Health N/A # Rare Fish (HUC8) 0 PA IBI Stream Health N/A		Network, Sy	ystem	Туре	and Cond	dition		
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	# Rare Crayfish (HUC8)		0					

