Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: PA_PA00651 PA-497

Diadromous Tier 9

Brook Trout Tier N/A

Resident Tier 5

NID ID PA00651 State ID PA00651

River Name East Branch Briar Creek

Dam Height (ft) 39

Dam Type Earth

Latitude 41.0662

Longitude -76.2803

Passage Facilities None Documented

Passage Year N/A

Size Class 1b: Creek (3.861 - 38.61 sq mi)

HUC 12 Briar Creek

HUC 10 Lower Susquehanna River

HUC 8 Upper Susquehanna-Lackawann

HUC 6 Upper Susquehanna

HUC 4 Susquehanna







Landcover						
NLCD (2011)		Chesapeake Conservancy (2016)				
% Impervious Surface in Upstream Drainage Area	0.36	% Tree Cover in ARA of Upstream Network	64.53			
% Natural Cover in Upstream Drainage Area	57.99	% Tree Cover in ARA of Downstream Network	54.16			
% Forested in Upstream Drainage Area	53.55	% Herbaceaous Cover in ARA of Upstream Network	28.63			
% Agriculture in Upstream Drainage Area	37.62	% Herbaceaous Cover in ARA of Downstream Network	33.75			
% Natural Cover in ARA of Upstream Network	62.64	% Barren Cover in ARA of Upstream Network	0.14			
% Natural Cover in ARA of Downstream Network	57.7	% Barren Cover in ARA of Downstream Network	0.51			
% Forest Cover in ARA of Upstream Network	54.59	% Road Impervious in ARA of Upstream Network	1.17			
% Forest Cover in ARA of Downstream Network	44.4	% Road Impervious in ARA of Downstream Network	2			
% Agricultral Cover in ARA of Upstream Network	30.48	% Other Impervious in ARA of Upstream Network	1.06			
% Agricultral Cover in ARA of Downstream Network 27.91		% Other Impervious in ARA of Downstream Network	3.88			
% Impervious Surf in ARA of Upstream Network	0.67					
% Impervious Surf in ARA of Downstream Network	3.93					



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Absolute Gain (mi) 7.32 # Downstream Hydropower Dams 4 # Size Classes in Total Network 7 # Downstream Dams with Passage 5 # Upstream Network Size Classes 2 # of Downstream Barriers 6 NFHAP Cumulative Disturbance Index Very High Dam is on Conserved Land Yes Dam is on Conserved Land in 100m Buffer of Upstream Network 9.59 % Conserved Land in 100m Buffer of Downstream Network 9.59 % Conserved Land in 100m Buffer of Downstream Network 6.98 Density of Crossings in Upstream Network Watershed (#/m2) 1.47 Density of Crossings in Upstream Network Watershed (#/m2) 0.98 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 Downstream Alewife Historical Downstream Striped Bass None Documented Downstream American Shad None Documented Downstream Shortnose Sturgeon None Documented Downstream Hickory Shad None Documented Downstream American Eel Current Resident Fish Barrier is in EBTJV BKT Catchment (incl eel) 1 Resident Fish Barrier is in Modeled BKT Catchment (DeWeber) No Barrier Blocks an EBTJV Catchment Yes MD MBSS Fish IBI Stream Health N/A Barrier Blocks a Modeled BKT Catchment (DeWeber) Yes MD MBSS Fish IBI Stream Health N/A Native Fish Species Richness (HUC8) 0 PA IBI Stream Health N/A Native Fish Species Richness (HUC8) 0 PA IBI Stream Health N/A WA INSTAR mIBI Stream Health N/A WA INSTAR mIBI Stream Health N/A # Rare Fish (HUC8) 0 PA IBI Stream Health Model # Rare Fish (HUC8) 0 PA IBI Stream Health Model		Network, Sys	stem 1	Type and Condition		
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