Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: **PA_08-006 BLACK POND**

Bay-wide Diadromous Tier 16
Bay-wide Resident Tier 7

Bay-wide Brook Trout Tier N/A

NID ID PA00039 State ID 08-006

River Name

Dam Height (ft) 13

Dam Type Earth
Latitude 41.8181

Longitude -76.431

Passage Facilities None Documented

Passage Year N/A

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

HUC 12 Laning Creek-Upper Susquehann

HUC 10 Upper Susquehanna River

HUC 8 Upper Susquehanna-Tunkhanno

HUC 6 Upper Susquehanna

HUC 4 Susquehanna







Landcover			
NLCD (2011)		Chesapeake Conservancy (2016)	
% Impervious Surface in Upstream Drainage Area	0.47	% Tree Cover in ARA of Upstream Network	20.05
% Natural Cover in Upstream Drainage Area	34.99	% Tree Cover in ARA of Downstream Network	54.16
% Forested in Upstream Drainage Area	29.01	% Herbaceaous Cover in ARA of Upstream Network	62.62
% Agriculture in Upstream Drainage Area	57.15	% Herbaceaous Cover in ARA of Downstream Network	33.75
% Natural Cover in ARA of Upstream Network	41.33	% Barren Cover in ARA of Upstream Network	0
% 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	4.8	% Road Impervious in ARA of Upstream Network	1.54
% Forest Cover in ARA of Downstream Network	44.4	% Road Impervious in ARA of Downstream Network	2
% Agricultral Cover in ARA of Upstream Network	42.44	% Other Impervious in ARA of Upstream Network	0.76
% 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	0.59		
% Impervious Surf in ARA of Downstream Network	3.93		



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CFPPP Unique ID: PA 08-006 **BLACK POND** Network, System Type and Condition Functional Upstream Network (mi) Upstream Size Class Gain (#) O 2.38 Total Functional Network (mi) 7074.92 # Downsteam Natural Barriers 0 Absolute Gain (mi) 2.38 # Downstream Hydropower Dams # Size Classes in Total Network 7 # Downstream Dams with Passage 5 # Upstream Network Size Classes # of Downstream Barriers 1 NEHAP Cumulative Disturbance Index Not Scored / Unavailable at this scale Dam is on Conserved Land Nο % Conserved Land in 100m Buffer of Upstream Network \cap % Conserved Land in 100m Buffer of Downstream Network 6.98 Density of Crossings in Upstream Network Watershed (#/m2) 1.09 Density of Crossings in Downstream Network Watershed (#/m2) 0.98 Density of off-channel dams in Upstream Network Watershed (#/m2) Density of off-channel dams in Downstream Network Watershed (#/m2) 0.01 Diadromous Fish Downstream Alewife None Documented None Documented **Downstream Striped Bass** Downstream Blueback None Documented Downstream Atlantic Sturgeon None Documented Downstream American Shad None Documented None Documented Downstream Shortnose Sturgeon Downstream Hickory Shad None Documented Downstream American Eel Current One or More DS Anadromous Species None Docume # Diadromous Sp Dnstrm (incl eel) Resident Fish and Rare Species Stream Health Barrier is in EBTJV BKT Catchment No Chesapeake Bay Program Stream Health FAIR Barrier is in Modeled BKT Catchment (DeWeber) No MD MBSS Benthic IBI Stream Health N/A Barrier Blocks an EBTJV Catchment Yes MD MBSS Fish IBI Stream Health N/A Barrier Blocks a Modeled BKT Catchment (DeWeber) Yes MD MBSS Combined IBI Stream Health N/A Native Fish Species Richness (HUC8) 34 VA INSTAR mIBI Stream Health N/A # Rare Fish (HUC8) 1 PA IBI Stream Health Good # Rare Mussel (HUC8) 2 # Rare Crayfish (HUC8) 0 Globally rare or fed listed fish/mussel sp HUC12 Rare fish or mussel sp in HUC12 Yes Yes Globally rare or fed listed fish/mussel sp in Rare fish or mussel in upstream or Yes Yes downstream functional network upstream or downstream functional network

