Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: PA_35-066 BASSETT POND

15

Brook Trout Tier N/A

Diadromous Tier

Resident Tier 10

NID ID

State ID 35-066

River Name

Dam Height (ft) 4

Dam Type Concrete
Latitude 41.5926
Longitude -75.7071

Passage Facilities None Documented

Passage Year N/A

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

HUC 12 Upper South Branch Tunkhanno

HUC 10 South Branch Tunkhannock Cree

HUC 8 Upper Susquehanna-Tunkhanno

HUC 6 Upper Susquehanna

HUC 4 Susquehanna







Landcover						
NLCD (2011)		Chesapeake Conservancy (2016)				
% Impervious Surface in Upstream Drainage Area	0.49	% Tree Cover in ARA of Upstream Network	47.15			
% Natural Cover in Upstream Drainage Area	44.89	% Tree Cover in ARA of Downstream Network	50.56			
% Forested in Upstream Drainage Area	23.09	% Herbaceaous Cover in ARA of Upstream Network	22.49			
% Agriculture in Upstream Drainage Area	45.98	% Herbaceaous Cover in ARA of Downstream Network	40.36			
% Natural Cover in ARA of Upstream Network	85.15	% Barren Cover in ARA of Upstream Network	0			
% Natural Cover in ARA of Downstream Network	66.6	% Barren Cover in ARA of Downstream Network	0.06			
% Forest Cover in ARA of Upstream Network	18.97	% Road Impervious in ARA of Upstream Network	0.53			
% Forest Cover in ARA of Downstream Network	39.63	% Road Impervious in ARA of Downstream Network	1.52			
% Agricultral Cover in ARA of Upstream Network	10.1	% Other Impervious in ARA of Upstream Network	0.51			
% Agricultral Cover in ARA of Downstream Network	22.4	% Other Impervious in ARA of Downstream Network	1.7			
% Impervious Surf in ARA of Upstream Network	0.24					
% Impervious Surf in ARA of Downstream Network	1.85					



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Absolute Gain (mi) 0.31 # Downstream Hydropower Dams 4 # Size Classes in Total Network 3 # Downstream Dams with Passage 5 # Upstream Network Size Classes 0 # of Downstream Barriers 7 NFHAP Cumulative Disturbance Index High Dam is on Conserved Land No % Conserved Land in 100m Buffer of Upstream Network 0 % Conserved Land in 100m Buffer of Downstream Network 9.13 Density of Crossings in Upstream Network Watershed (#/m2) 0 Density of Crossings in Upstream Network Watershed (#/m2) 1.32 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 American Shad None Documented Downstream Atlantic Sturgeon None Documented Downstream Hickory Shad None Documented Downstream American Eel None Documented Downstream Hickory Shad None Documented Downstream American Eel None Documented Downstream Hickory Shad None Documented Downstream American Eel None Documented Downstream Hickory Shad None Documented Downstream American Eel None Documented Downstream Blueback None Documented Downstream American Eel None Documented Downstream Blueback None Documented Downstream American Eel None Documented Downstream Blueback None Documented Downstream American Eel None Documented Downstream Blueback None Documented Downstream American Eel None Documented Downstream Blueback None Documented Downstream American Eel None Documented Downstream Blueback None Documented Downstream Species Species Downstream Health N/A More Barrier is in Modeled BKT Catchment (DeWeber) No More Documented None Documented Downstream Health N/A Barrier Blocks a Modeled BKT Catchment (DeWeber) Yes More Documented Downstream Health N/A Marare Fish (HUC8) 1 PA IBI Stream Health N/A MA INSTAR mills Stream Health N/A WA INSTAR mills Stream Health N/A WA INSTAR mills Stream Health N/A	CFPPP Unique ID: PA_35-066	P RYSSELL LOND						
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