## **Chesapeake Fish Passage Prioritization - Dam Fact Sheet**

CFPPP Unique ID: MD\_AN018

Diadromous Tier 14

Brook Trout Tier N/A

Resident Tier 14

NID ID

State ID AN018

River Name Little Paint Branch

Dam Height (ft) 59

Dam Type Unspecified Type

Latitude 39.0746

Longitude -76.9283

Passage Facilities None Documented

Passage Year N/A

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

HUC 12 Paint Branch

HUC 10 Anacostia River

HUC 8 Middle Potomac-Anacostia-Occ

HUC 6 Potomac HUC 4 Potomac







Landcover				
NLCD (2011)		Chesapeake Conservancy (2016)		
% Impervious Surface in Upstream Drainage Area	17.42	% Tree Cover in ARA of Upstream Network	89.36	
% Natural Cover in Upstream Drainage Area	38.76	% Tree Cover in ARA of Downstream Network	55.91	
% Forested in Upstream Drainage Area	36.74	% Herbaceaous Cover in ARA of Upstream Network	7.91	
% Agriculture in Upstream Drainage Area	6.42	% Herbaceaous Cover in ARA of Downstream Network	24.55	
% Natural Cover in ARA of Upstream Network	92	% Barren Cover in ARA of Upstream Network	0	
% Natural Cover in ARA of Downstream Network	32.19	% Barren Cover in ARA of Downstream Network	0.13	
% Forest Cover in ARA of Upstream Network	92	% Road Impervious in ARA of Upstream Network	0	
% Forest Cover in ARA of Downstream Network	25.44	% Road Impervious in ARA of Downstream Network	7.26	
% Agricultral Cover in ARA of Upstream Network	0	% Other Impervious in ARA of Upstream Network	2.74	
% Agricultral Cover in ARA of Downstream Network	1.06	% Other Impervious in ARA of Downstream Network	10.95	
% Impervious Surf in ARA of Upstream Network	1.04			
% Impervious Surf in ARA of Downstream Network	19.67			



## **Chesapeake Fish Passage Prioritization - Dam Fact Sheet**

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Functional Upstream Network (mi) 0.09 Upstream Size Class Gain (#) Total Functional Network (mi) 12.17 # Downsteam Natural Barriers Absolute Gain (mi) 0.09 # Downstream Hydropower Dams # Size Classes in Total Network 2 # Downstream Barriers NFHAP Cumulative Disturbance Index Moderate Dam is on Conserved Land No % Conserved Land in 100m Buffer of Upstream Network 100 % Conserved Land in 100m Buffer of Downstream Network 24 Density of Crossings in Upstream Network Watershed (#/m2) 0 Density of Crossings in Downstream Network Watershed (#/m2) 2.99 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 Downstream Alewife Historical Downstream Striped Bass None Documented Downstream Atlantic Sturgeon None Documented Downstream Hickory Shad None Documented Downstream American Eel Current Presence of 1 or More Downstream Anadromous Species Historical # Diadromous Species Downstream Anadromous Species Historical # Diadromous Species Downstream (incl eel) 1  Resident Fish Stream Health MD MBSS Ensh IBI Stream Health MD MBSS Fish IBI Stream Health MD MBSS Fish IBI Stream Health MD MBSS Combined IBI Stream Health MD MBSS Combined IBI Stream Health MATIVE Fish Species Richness (HUC8) 1 PA IBI Stream Health MD MBSS Combined IBI Stream Health Mative Fish Species Richness (HUC8) 1 PA IBI Stream Health MD MBSS Combined IBI Stream Health MATIVE Fish Species Richness (HUC8) 1 PA IBI Stream Health MD MBSS Combined IBI Stream Health MATIVE Fish Species Richness (HUC8) 5	
Absolute Gain (mi) 0.09 # Downstream Hydropower Dams # Size Classes in Total Network 2 # Downstream Dams with Passage # Upstream Network Size Classes 0 # of Downstream Barriers  NFHAP Cumulative Disturbance Index Moderate  Dam is on Conserved Land No % Conserved Land in 100m Buffer of Upstream Network 100 % Conserved Land in 100m Buffer of Downstream Network 24  Density of Crossings in Upstream Network Watershed (#/m2) 0  Density of Crossings in Downstream Network Watershed (#/m2) 2.99  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  Downstream Alewife Historical Downstream Striped Bass None Documented Downstream Atlantic Sturgeon None Doc  Downstream American Shad None Documented Downstream Shortnose Sturgeon None Doc  Downstream Hickory Shad None Documented Downstream American Eel Current  Presence of 1 or More Downstream Anadromous Species Historical # Diadromous Species Downstream (incl eel) 1  Resident Fish  Barrier is in EBTJV BKT Catchment (DeWeber) No MD MBSS Benthic IBI Stream Health  Barrier Blocks an EBTJV Catchment No MD MBSS Fish IBI Stream Health  Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Combined IBI Stream Health  Native Fish Species Richness (HUC8) 62 VA INSTAR mIBI Stream Health  Native Fish Species Richness (HUC8) 1 PA IBI Stream Health	0
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Native Fish Species Richness (HUC8)  # Rare Fish (HUC8)  62  VA INSTAR mIBI Stream Health  PA IBI Stream Health	Fair
# Rare Fish (HUC8)  1 PA IBI Stream Health	Poor
	N/A
# Rare Mussel (HUC8) 5	N/A
# Rare Crayfish (HUC8) 0	

