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

Diadromous Tier 14
Brook Trout Tier 7
Resident Tier 15

NID ID

State ID 40-190

River Name

Dam Height (ft) 6

Dam Type Stone

Latitude 41.1202

Longitude -75.9045

Passage Facilities None Documented

Passage Year N/A

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

HUC 12 Big Wapwallopen Creek

HUC 10 Middle 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	1.54	% Tree Cover in ARA of Upstream Network	0			
% Natural Cover in Upstream Drainage Area	90.16	% Tree Cover in ARA of Downstream Network	54.16			
% Forested in Upstream Drainage Area	90.16	% Herbaceaous Cover in ARA of Upstream Network	0			
% Agriculture in Upstream Drainage Area	0	% Herbaceaous Cover in ARA of Downstream Network	33.75			
% Natural Cover in ARA of Upstream Network	0	% 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	0	% Road Impervious in ARA of Upstream Network	0			
% Forest Cover in ARA of Downstream Network	44.4	% Road Impervious in ARA of Downstream Network	2			
% Agricultral Cover in ARA of Upstream Network	0	% Other Impervious in ARA of Upstream Network	0			
% 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					
% Impervious Surf in ARA of Downstream Network	3.93					



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

CFPPP Unique ID: PA\_40-190 MASCARI

Absolute Gain (mi) 0.04 # Downstream Hydropower Dams 4 # Size Classes in Total Network 7 # Downstream Dams with Passage 5 # Upstream Network Size Classes 0 # of Downstream Barriers 6 NFHAP Cumulative Disturbance Index Very High No							
Total Functional Network (mi) 7072.59 # Downsteam Natural Barriers 0 Absolute Gain (mi) 0.04 # Downstream Hydropower Dams 4 # Size Classes in Total Network 7 # Downstream Dams with Passage 5 # Upstream Network Size Classes 0 # of Downstream Barriers 6 NFHAP Cumulative Disturbance Index Very High Dam is on Conserved Land No % Conserved Land in 100m Buffer of Upstream Network 0 % Conserved Land in 100m Buffer of Downstream Network 6.98 Density of Crossings in Upstream Network Watershed (#/m2) 0 Density of Crossings in Upstream Network Watershed (#/m2) 0.98 Density of off-channel dams in Upstream Network Watershed (#/m2) 0.98 Density of off-channel dams in Downstream Network Watershed (#/m2) 0.01  Diadromous Fish Downstream Alewife Historical Downstream Striped Bass None Documented Downstream American Shad None Documented Downstream Atlantic Sturgeon None Documented Downstream Hickory Shad None Documented Downstream American Eel Current  Resident Fish Stream Health FAIR Barrier is in EBTJV BKT Catchment (nicl eel) 1  Resident Fish Stream Health N/A Barrier Blocks an EBTJV Catchment (DeWeber) No MD MBSS Enthic 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) 0 PA IBI Stream Health N/A WA Rare Fish (HUC8) 0 PA IBI Stream Health N/A # Rare Fish (HUC8) 0 PA IBI Stream Health Fair		Network, S	ystem	Type and Condi	tion		
Absolute Gain (mi) 0.04 # Downstream Hydropower Dams 4 # Size Classes in Total Network 7 # Downstream Dams with Passage 5 # Upstream Network Size Classes 0 # of Downstream Barriers 6 NFHAP Cumulative Disturbance Index Very High No % Conserved Land in 100m Buffer of Upstream Network 0 % Conserved Land in 100m Buffer of Downstream Network 0 % Conserved Land in 100m Buffer of Downstream Network 6.98 Density of Crossings in Upstream Network Watershed (#/m2) 0 Density of Crossings in Downstream 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) 0.01  Diadromous Fish  Downstream Alewife Historical Downstream Striped Bass None Documented Downstream Hickory Shad None Documented Downstream Antantic Sturgeon None Documented Downstream American Shad None Documented Downstream American Eel Current  Resident Fish Stream Health FAIR MD MBSS Pish IBI Stream Health N/A MD MBSS Fish IBI Stream Health N/A MD MBSS Fish IBI Stream Health N/A MD MBSS Fish IBI Stream Health N/A MD MBSS Combined IBI Stream Health N/A MD MBSS Combined IBI Stream Health N/A MATHER FISH (HUC8) 0 PA IBI Stream Health N/A MATHER FISH (HUC8) 0 PA IBI Stream Health N/A MATHER FISH (HUC8) 0 PA IBI Stream Health N/A MATHER FISH (HUC8) 0 PA IBI Stream Health N/A MATHER FISH (HUC8) 0 PA IBI Stream Health N/A MATHER FISH (HUC8) 1 PA IBI Stream Health N/A MATHER FISH (HUC8) 1 PA IBI Stream Health N/A MATHER FISH (HUC8) 1 PA IBI Stream Health N/A MATHER FISH (HUC8) 1 PA IBI Stream Health N/A MATHER FISH (HUC8) 1 PA IBI Stream Health N/A MATHER FISH (HUC8) 1 PA IBI Stream Health N/A MATHER FISH (HUC8) 1 PA IBI Stream Health N/A MATHER FISH (HUC8) 1 PA IBI Stream Health N/A MATHER FISH (HUC8) 1 PA IBI Stream Health N/A MATHER FISH (HUC8) 1 PA IBI Stream Health N/A MATHER FISH (HUC8) 1 PA IBI Stream Health N/A MATHER FISH (HUC8) 1 PA IBI Stream Health N/A MATHER FISH (HUC8) 1 PA IBI Stream Health N/A MATHER FISH (HUC8) 1 PA IBI Stream Health N/A MATHER FIS	Functional Upstream Network (mi) 0.04		Upstrea	Upstream Size Class Gain (#)			
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# Upstream Network Size Classes 0  # of Downstream Barriers 6 NFHAP Cumulative Disturbance Index Very High Dam is on Conserved Land No % Conserved Land in 100m Buffer of Upstream Network 0, % Conserved Land in 100m Buffer of Downstream Network 6.98 Density of Crossings in Upstream Network Watershed (#/m2) 0,98 Density of Crossings in Downstream Network Watershed (#/m2) 0,98 Density of off-channel dams in Upstream Network Watershed (#/m2) 0,098 Density of off-channel dams in Downstream Network Watershed (#/m2) 0,01    Diadromous Fish	Absolute Gain (mi)	0.04		# Down	Dams	4	
NFHAP Cumulative Disturbance Index  Dam is on Conserved Land  No  % Conserved Land in 100m Buffer of Upstream Network  % Conserved Land in 100m Buffer of Downstream Network  % Conserved Land in 100m Buffer of Downstream Network  % Conserved Land in 100m Buffer of Downstream Network  % Conserved Land in 100m Buffer of Downstream Network  % Conserved Land in 100m Buffer of Downstream Network  % Conserved Land in 100m Buffer of Downstream Network  % Conserved Land in 100m Buffer of Downstream Network  % Conserved Land in 100m Buffer of Downstream Network  6.98  Density of Crossings in Downstream Network Watershed (#/m2)  0.98  Density of Off-channel dams in Upstream Network Watershed (#/m2)  Downstream Alewife  Historical  Downstream Striped Bass  None Documented  Downstream Atlantic Sturgeon  None Documented  Downstream Shortnose Sturgeon  None Documented  Downstream American Eel  Current  Presence of 1 or More Downstream Anadromous Species  # Diadromous Species Downstream (incl eel)  1  Resident Fish  Barrier is in EBTJV BKT Catchment  Yes  Chesapeake Bay Program Stream Health  N/A  Barrier Blocks an EBTJV Catchment (DeWeber)  No  MD MBSS Benthic IBI Stream Health  N/A  Barrier Blocks a Modeled BKT Catchment (DeWeber)  Yes  MD MBSS Combined 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)  37  VA INSTAR mIBI Stream Health  N/A  # Rare Fish (HUC8)  0 PA IBI Stream Health  Fair  # Rare Mussel (HUC8)	# Size Classes in Total Networ	k 7		# Down	stream Dams with F	assage	5
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# Diadromous Species Downstream (incl eel)  Resident Fish  Barrier is in EBTJV BKT Catchment  Barrier is in Modeled BKT Catchment (DeWeber)  Barrier Blocks an EBTJV Catchment  No  MD MBSS Benthic IBI Stream Health  N/A  MD MBSS Fish IBI Stream Health  N/A  MD MBSS Combined IBI Stream Health  N/A  MD MBSS Combined IBI Stream Health  N/A  MD MBSS Combined IBI Stream Health  N/A  NA  Native Fish Species Richness (HUC8)  # Rare Fish (HUC8)  PA IBI Stream Health  Fair  # Rare Mussel (HUC8)	Downstream Hickory Shad	None Documented		Downstream A	merican Eel	Current	
Resident Fish  Barrier is in EBTJV BKT Catchment  Barrier is in Modeled BKT Catchment (DeWeber)  Barrier Blocks an EBTJV Catchment  No  MD MBSS Benthic IBI Stream Health  N/A  MD MBSS Fish IBI Stream Health  N/A  Barrier Blocks a Modeled BKT Catchment (DeWeber)  Yes  MD MBSS Fish IBI Stream Health  N/A  MD MBSS Combined IBI Stream Health  N/A  Native Fish Species Richness (HUC8)  The All Masses of the Mass of t	Presence of 1 or More Downs	tream Anadromous Spe	ecies	Historical			
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Barrier Blocks a Modeled BKT Catchment (DeWeber) Yes  Native Fish Species Richness (HUC8)  # Rare Fish (HUC8)  PA IBI Stream Health  Fair  # Rare Mussel (HUC8)	Barrier Blocks an EBTJV Catchment		No	MD MBS	MD MBSS Fish IBI Stream Health		•
Native Fish Species Richness (HUC8)  # Rare Fish (HUC8)  # Rare Mussel (HUC8)  O PA IBI Stream Health  Fair	Barrier Blocks a Modeled BKT Catchment (DeWeber)		Yes	MD MBS			•
# Rare Fish (HUC8)  # Rare Mussel (HUC8)  O PA IBI Stream Health  Fair							•
# Rare Mussel (HUC8) 2							•
	# Rare Crayfish (HUC8)		0				

