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

CFPPP Unique ID: CFPPP\_667 unknown

Bay-wide Diadromous Tier 4
Bay-wide Resident Tier 16

Bay-wide Brook Trout Tier N/A

NID ID

State ID

River Name

Dam Height (ft) C

Dam Type

Latitude 38.2751 Longitude -77.8936

Passage Facilities None Documented

Passage Year N/A

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

HUC 12 Mine Run

HUC 10 Mine Run-Rapidan River

HUC 8 Rapidan-Upper Rappahannock

HUC 6 Lower Chesapeake
HUC 4 Lower Chesapeake







Landcover							
NLCD (2011)		Chesapeake Conservancy (2016)					
% Impervious Surface in Upstream Drainage Area	2.82	% Tree Cover in ARA of Upstream Network	0				
% Natural Cover in Upstream Drainage Area	68.9	% Tree Cover in ARA of Downstream Network	62.07				
% Forested in Upstream Drainage Area	24.73	% Herbaceaous Cover in ARA of Upstream Network	0				
% Agriculture in Upstream Drainage Area	16.96	% Herbaceaous Cover in ARA of Downstream Network	28.22				
% Natural Cover in ARA of Upstream Network	0	% Barren Cover in ARA of Upstream Network	0				
% Natural Cover in ARA of Downstream Network	61.15	% Barren Cover in ARA of Downstream Network	0.27				
% Forest Cover in ARA of Upstream Network	0	% Road Impervious in ARA of Upstream Network	0				
% Forest Cover in ARA of Downstream Network	38.92	% Road Impervious in ARA of Downstream Network	0.91				
% Agricultral Cover in ARA of Upstream Network	0	% Other Impervious in ARA of Upstream Network	0				
% Agricultral Cover in ARA of Downstream Network	32.21	% Other Impervious in ARA of Downstream Network	1.01				
% Impervious Surf in ARA of Upstream Network	0						
% Impervious Surf in ARA of Downstream Network	1.05						



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

CFPPP Unique ID: CFPPP\_667 unknown

20.81 Density of Crossings in Upstream Network Watershed (#/m2) 0 Density of Crossings in Downstream Network Watershed (#/m2) 0.91 Density of Off-channel dams in Upstream Network Watershed (#/m2) 0 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 Current Downstream Striped Bass None Documented Downstream American Shad None Documented Downstream Atlantic Sturgeon None Documented Downstream American Shad None Documented Downstream American Eel Current Downstream Hickory Shad None Documented Downstream American Eel Current  # Diadromous Species Downstream Anadromous Species Current  # Diadromous Species Downstream (incl eel) 3  Resident Fish Stream Health GOOD Barrier is in Modeled BKT Catchment (DeWeber) No MD MBSS Benthic IBI Stream Health N/A Barrier Blocks an BBTJV Catchment Yes MD MBSS Fish IBI Stream Health N/A Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Combined IBI Stream Health N/A Native Fish Species Richness (HUC8) 38 VA INSTAR mIBI Stream Health Very High # Rare Fish (HUC8) 0 PA IBI Stream Health N/A # Rare Mussel (HUC8) 4	CFPPP Offique ID: CFPPP_667	unknown				
Total Functional Network (mi) 3329.04 # Downsteam Natural Barriers 0 Absolute Gain (mi) 0.02 # Downstream Hydropower Dams 0 # Size Classes in Total Network 5 # Downstream Barriers 0 W Upstream Network Size Classes 0 # of Downstream Barriers 0 NFHAP Cumulative Disturbance Index High Dam is on Conserved Land in 100m Buffer of Upstream Network 0 % Conserved Land in 100m Buffer of Downstream Network 20.81 Density of Crossings in Upstream Network Watershed (#/m2) 0 Density of Crossings in Downstream Network Watershed (#/m2) 0.91 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 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 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 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 Density of off-channel dams in Downstream Network Watershed (#/m2) 0 Density of off-channel dams in Upstream Network Watershed (#/m2) 0 Density of off-channel dams in Upstream Network Watershed (#/m2) 0 Density of off-channel dams in Upstream Network Watershed (#/m2) 0 Density of off-channel dams in Upstream Network Watershed (#/m2) 0 Density		Network, Sys	stem Typ	e and Condition		
Absolute Gain (mi)  0.02 # Downstream Hydropower Dams  0 # Size Classes in Total Network 5 # Downstream Dams with Passage 0 # Upstream Network Size Classes 0 # of Downstream Barriers 0 NFHAP Cumulative Disturbance Index High Dam is on Conserved Land No % Conserved Land in 100m Buffer of Upstream Network Conserved Land in 100m Buffer of Downstream Network 20.81 Density of Crossings in Upstream Network Watershed (#/m2) Density of Crossings in Upstream Network Watershed (#/m2) Density of off-channel dams in Upstream Network Watershed (#/m2) Density of off-channel dams in Downstream Network Watershed (#/m2) Density of off-channel dams in Downstream Network Watershed (#/m2) Density of off-channel dams in Downstream Network Watershed (#/m2) Density of off-channel dams in Downstream Network Watershed (#/m2) Density of off-channel dams in Downstream Network Watershed (#/m2) Density of off-channel dams in Downstream Network Watershed (#/m2) Downstream Allewife Downstream Allewife Current Downstream Atlantic Sturgeon None Documented Downstream American Shad None Documented Downstream American Shad None Documented Downstream American Eel Current  # Diadromous Species Downstream American Eel Current  # Diadromous Species Downstream (incl eel)  3  Resident Fish Barrier is in EBTJV BKT Catchment No Barrier is in Modeled BKT Catchment No Barrier is in Modeled BKT Catchment (DeWeber) No Barrier Blocks a Modeled BKT Catchment (DeWeber) No Barrier Blocks a Modeled BKT Catchment (DeWeber) No Native Fish Species Richness (HUC8) 3  VA INSTAR miBl Stream Health Very High # Rare Fish (HUC8) 4  PA IBI Stream Health N/A  WA INSTAR miBl Stream Health Very High # Rare Fish (HUC8) 4	- Functional Upstream Network	k (mi) 0.02		Upstream Size Class Gain (#)		0
# Size Classes in Total Network 5 # Downstream Dams with Passage 0 # Upstream Network Size Classes 0 # of Downstream Barriers 0 NFHAP Cumulative Disturbance Index High Dam is on Conserved Land 100m Buffer of Upstream Network 0 % Conserved Land in 100m Buffer of Upstream Network 20.81 Density of Crossings in Upstream Network Watershed (#/m2) 0 Density of Crossings in Downstream Network Watershed (#/m2) 0 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 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 Current Downstream Atlantic Sturgeon None Documented Downstream American Shad None Documented Downstream Shortnose Sturgeon None Documented Downstream Hickory Shad None Documented Downstream American Eel Current  Presence of 1 or More Downstream Anadromous Species Current  # Diadromous Species Downstream (incl eel) 3  Resident Fish Stream Health GOOD Barrier is in EBTJV BKT Catchment No Chesapeake Bay Program Stream Health N/A Barrier Blocks an EBTJV Catchment Yes MD MBSS Fish IBI Stream Health N/A Barrier Blocks an EBTJV Catchment Yes MD MBSS Fish IBI Stream Health N/A Native Fish Species Richness (HUC8) 38 VA INSTAR miBI Stream Health Very High # Rare Fish (HUC8) 0 PA IBI Stream Health N/A # Rare Mussel (HUC8) 0 PA IBI Stream Health N/A	Гotal Functional Network (mi)	3329.04	3329.04		# Downsteam Natural Barriers	
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% Conserved Land in 100m Buffer of Upstream Network 0 % Conserved Land in 100m Buffer of Downstream Network 20.81 Density of Crossings in Upstream Network Watershed (#/m2) 0 Density of off-channel dams in Upstream Network Watershed (#/m2) 0 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  Diadromous Fish  Downstream Alewife Current Downstream Striped Bass None Documented Downstream American Shad None Documented Downstream Allantic Sturgeon None Documented Downstream American Shad None Documented Downstream American Eel Current  Presence of 1 or More Downstream Anadromous Species Current  # Diadromous Species Downstream (incl eel) 3  Resident Fish Barrier is in EBTJV BKT Catchment (DeWeber) No MD MBSS Benthic IBI Stream Health N/A Barrier Blocks an Modeled BKT Catchment (DeWeber) No MD MBSS Fish IBI Stream Health N/A Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Combined IBI Stream Health N/A Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Combined IBI Stream Health N/A Native Fish Species Richness (HUC8) 38 VA INSTAR mIBI Stream Health Very High # Rare Fish (HUC8) 0 PA IBI Stream Health N/A # Rare Mussel (HUC8) 4	NFHAP Cumulative Disturbanc	e Index		High		
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Diadromous Fish Downstream Alewife Current Downstream Striped Bass Downstream Blueback Downstream American Shad Downstream American Shad Downstream American Shad Downstream American Shad Downstream Hickory Shad Downstream Anadromous Species Downstream American Eel Downstream American Eel Current  Presence of 1 or More Downstream Anadromous Species # 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 Yes Barrier Blocks a Modeled BKT Catchment (DeWeber) B	Density of Crossings in Downs	tream Network Watersh	ed (#/m2	2) 0.91		
Diadromous Fish  Downstream Alewife Current Downstream Striped Bass None Documented  Downstream Blueback Current Downstream Atlantic Sturgeon None Documented  Downstream American Shad None Documented Downstream Shortnose Sturgeon None Documented  Downstream Hickory Shad None Documented Downstream American Eel Current  Presence of 1 or More Downstream Anadromous Species Current  # Diadromous Species Downstream (incl eel) 3  Resident Fish Stream Health Chesapeake Bay Program Stream Health GOOD  Barrier is in Modeled BKT Catchment (DeWeber) No MD MBSS Benthic IBI Stream Health N/A  Barrier Blocks an EBTJV Catchment (DeWeber) No MD MBSS Fish IBI Stream Health N/A  Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Combined IBI Stream Health N/A  Native Fish Species Richness (HUC8) 38 VA INSTAR mIBI Stream Health Very High  # Rare Fish (HUC8) 0 PA IBI Stream Health N/A  # Rare Mussel (HUC8) 4	Density of off-channel dams ir	ı Upstream Network Wat	tershed (	#/m2) 0		
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Downstream Blueback  Current  Downstream Atlantic Sturgeon  None Documented  Downstream American Shad  None Documented  Downstream Shortnose Sturgeon  None Documented  Downstream American Eel  Current  Presence of 1 or More Downstream Anadromous Species  # Diadromous Species Downstream (incl eel)  Resident Fish  Barrier is in EBTJV BKT Catchment  No  Barrier is in Modeled BKT Catchment (DeWeber)  Barrier Blocks an EBTJV Catchment  Yes  MD MBSS Benthic IBI Stream Health  N/A  MD MBSS Combined IBI Stream Health  N/A  Native Fish Species Richness (HUC8)  WA INSTAR mIBI Stream Health  Very High  # Rare Mussel (HUC8)  4						
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Presence of 1 or More Downstream Anadromous Species  # 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  Yes  MD MBSS Fish IBI Stream Health  N/A  MD MBSS Combined IBI Stream Health  N/A  NATIVE Fish Species Richness (HUC8)  WA INSTAR mIBI Stream Health  N/A  PA IBI Stream Health  N/A  N/A  PA IBI Stream Health  N/A  N/A  PA IBI Stream Health  N/A	Downstream American Shad	None Documented	Do	wnstream Shortnose St	urgeon None Do	cumented
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Resident Fish  Barrier is in EBTJV BKT Catchment  No  Chesapeake Bay Program Stream Health  GOOD  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)  No  MD MBSS Fish IBI Stream Health  N/A  MD MBSS Combined IBI Stream Health  N/A  Native Fish Species Richness (HUC8)  WA INSTAR mIBI Stream Health  Very High  # Rare Fish (HUC8)  PA IBI Stream Health  N/A	Presence of 1 or More Downs	tream Anadromous Spec	cies <b>C</b> u	rrent		
Barrier is in EBTJV BKT Catchment  No Chesapeake Bay Program Stream Health  No Barrier is in Modeled BKT Catchment (DeWeber)  Barrier Blocks an EBTJV Catchment  Yes MD MBSS Benthic IBI Stream Health  N/A  MD MBSS Fish IBI Stream Health  N/A  MD MBSS Combined IBI Stream Health  N/A  No Native Fish Species Richness (HUC8)  Rare Fish (HUC8)  Barrier is in EBTJV BKT Catchment (DeWeber)  No MD MBSS Combined IBI Stream Health  N/A  VA INSTAR mIBI Stream Health  N/A  PA IBI Stream Health  N/A  N/A	# Diadromous Species Downs	tream (incl eel)	3			
Barrier is in EBTJV BKT Catchment  No Chesapeake Bay Program Stream Health  Mo MD MBSS Benthic 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  No Native Fish Species Richness (HUC8)  Rare Fish (HUC8)  MD MBSS Combined IBI Stream Health  N/A  VA INSTAR mIBI Stream Health  N/A  PA IBI Stream Health  N/A  N/A	Reside	ent Fish			Stream Health	
Barrier is in Modeled BKT Catchment (DeWeber)  Barrier Blocks an EBTJV Catchment  Yes  MD MBSS Benthic 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  NA  NA  NA  NA  NA  NA  NA  NA  N			No			
Barrier Blocks an EBTJV Catchment Yes  MD MBSS Fish IBI Stream Health N/A  MD MBSS Combined IBI Stream Health N/A  Native Fish Species Richness (HUC8)  # Rare Fish (HUC8)  MD MBSS Combined IBI Stream Health Very High PA IBI Stream Health N/A  N/A  VA INSTAR mIBI Stream Health N/A  PA IBI Stream Health N/A	Barrier is in Modeled BKT Catchment (DeWeber)		No			
Barrier Blocks a Modeled BKT Catchment (DeWeber) No Native Fish Species Richness (HUC8)  # Rare Fish (HUC8)  MD MBSS Combined IBI Stream Health Very High PA IBI Stream Health N/A  N/A  PA IBI Stream Health N/A  N/A	Barrier Blocks an EBTJV Catchment Ye		Yes	·		•
Native Fish Species Richness (HUC8)  # Rare Fish (HUC8)  # Rare Mussel (HUC8)  38  VA INSTAR mIBI Stream Health  N/A  N/A	Barrier Blocks a Modeled BKT Catchment (DeWeber) No.		No			•
# Rare Fish (HUC8) 0 PA IBI Stream Health N/A # Rare Mussel (HUC8) 4						,
# Rare Mussel (HUC8) 4	·	•				, ,
						,
	# Rare Crayfish (HUC8)					

