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

CFPPP Unique ID: CFPPP\_712 unknown Diadromous Tier 19 Brook Trout Tier N/A **Resident Tier** 20 NID ID State ID River Name Dam Height (ft) Dam Type Latitude 38.0505 Longitude -78.7139 Passage Facilities None Documented N/A Passage Year Size Class 1a: Headwater (0 - 3.861 sq mi) HUC 12 Beaver Creek-Mechums River HUC 10 Moormans River-Mechums Rive HUC8 Rivanna

James

Lower Chesapeake



Landcover									
NLCD (2011)		Chesapeake Conservancy (2016)							
% Impervious Surface in Upstream Drainage Area	17.54	% Tree Cover in ARA of Upstream Network	12.48						
% Natural Cover in Upstream Drainage Area	0	% Tree Cover in ARA of Downstream Network	59.68						
% Forested in Upstream Drainage Area	0	% Herbaceaous Cover in ARA of Upstream Network	87.52						
% Agriculture in Upstream Drainage Area	10.71	% Herbaceaous Cover in ARA of Downstream Network	33.96						
% Natural Cover in ARA of Upstream Network	0	% Barren Cover in ARA of Upstream Network	0						
% Natural Cover in ARA of Downstream Network	47.28	% Barren Cover in ARA of Downstream Network	0.11						
% Forest Cover in ARA of Upstream Network	0	% Road Impervious in ARA of Upstream Network	0						
% Forest Cover in ARA of Downstream Network	43.95	% Road Impervious in ARA of Downstream Network	2						
% Agricultral Cover in ARA of Upstream Network	40	% Other Impervious in ARA of Upstream Network	0						
% Agricultral Cover in ARA of Downstream Network	34.46	% Other Impervious in ARA of Downstream Network	2.13						
% Impervious Surf in ARA of Upstream Network	7.2								
% Impervious Surf in ARA of Downstream Network	2.74								



HUC 6

HUC 4

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

CFPPP Unique ID: CFPPP\_712 unknown

Absolute Gain (mi)  O.01  # Downstream Hydropower Dams  2 # Size Classes in Total Network  2 # Downstream Barriers  6 NFHAP Cumulative Disturbance Index  High  Dam is on Conserved Land  Mo  % Conserved Land in 100m Buffer of Upstream Network  Conserved Land in 100m Buffer of Downstream Network  11.47  Density of Crossings in Upstream Network Watershed (#/m2)  Density of Grossings in Upstream Network Watershed (#/m2)  Density of Off-channel dams in Upstream Network Watershed (#/m2)  Dounstream Jelwife  Historical  Downstream Striped Bass  None Documented  Downstream Allantic Sturgeon  None Documented  Downstream Allantic Sturgeon  None Documented  Downstream American Shad  None Documented  Downstream American Eel  None Documented  Downstream Stortings Ear Health  None Documented  None Documented  None Documented  None Documented  None Documented  Downstream American Eel  None Documented  No	CFPPP Unique ID: CFPPP_/12	z unknown					
Total Functional Network (mi) 34.57 # Downsteam Natural Barriers 0 Absolute Gain (mi) 0.01 # Downstream Hydropower Dams 2 # Size Classes in Total Network 2 # Downstream Barriers 6 # Upstream Network Size Classes 0 # of Downstream Barriers 6 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 11.47 Density of Crossings in Upstream Network Watershed (#/m2) 0 Density of Crossings in Upstream Network Watershed (#/m2) 1.8 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 of of		Network, Sy	stem	Type and Cond	lition		
Absolute Gain (mi)  O.01  # Downstream Hydropower Dams  2 # Size Classes in Total Network  2 # Downstream Barriers  6 NFHAP Cumulative Disturbance Index  High  Dam is on Conserved Land  Mo  % Conserved Land in 100m Buffer of Upstream Network  Conserved Land in 100m Buffer of Downstream Network  11.47  Density of Crossings in Upstream Network Watershed (#/m2)  Density of Grossings in Downstream 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)  Downstream Alewife  Downstream American Shad  None Documented  Downstream American Eel  None Documented  None Documented  Downstream American Eel  None Documented  Downstream American Eel  None Documented  None Documented  Downstream American Eel  None Documented  None Documented  Downstream American Eel  None Documented  None Documented  None Documented  Downstream American Eel  None Documented  None Documented  None Documented  Downstream American Eel  None Documented  None Documented  Downstream American Eel  None Documented  None Documented  Downstream American Eel  None Documented  None Documented  None Documented  Downstream American Eel  None Documented  None Documented  None Documented	Functional Upstream Network	functional Upstream Network (mi) 0.01		Upstream Size Class Gain (#)			0
# Size Classes in Total Network 2 # Downstream Dams with Passage 4 # Upstream Network Size Classes 0 # of Downstream Barriers 6 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 11.47 Density of Crossings in Upstream Network Watershed (#/m2) 0 Density of Crossings in Downstream Network Watershed (#/m2) 1.8 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  Diadromous Fish  Downstream Alewife Historical Downstream Striped Bass None Documented Downstream American Shad None Documented Downstream American Sturgeon None Documented Downstream Hickory Shad None Documented Downstream American Eel None Documented Presence of 1 or More Downstream Anadromous Species Historical  # Diadromous Species Downstream (incl eel) 0  Resident Fish Stream Health POOR Barrier is in EBTJV BKT Catchment No MD MBSS Benthic IBI Stream Health N/A Barrier Blocks an EBTJV Catchment 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 Very High # Rare Fish (HUC8) 0 PA IBI Stream Health Very High # Rare Fish (HUC8) 0 PA IBI Stream Health N/A # Rare Mussel (HUC8) 4	Total Functional Network (mi) 34.57			# Downsteam Natural Barriers			0
# Upstream Network Size Classes 0 # of Downstream Barriers 6 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 11.47 Density of Crossings in Upstream Network Watershed (#/m2) 0 Density of Crossings in Downstream Network Watershed (#/m2) 1.8 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 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 da	Absolute Gain (mi)	0.01		# Downstream Hydropower Dams			2
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 11.47 Density of Crossings in Upstream Network Watershed (#/m2) Density of Crossings in Downstream 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) Downstream Alewife Downstream Alewife Downstream American Shad None Documented Downstream American Shad None Documented Downstream Hickory Shad None Documented Downstream American Eel None Documented Presence of 1 or More Downstream Anadromous Species # Diadromous Species Downstream (incl eel)  Resident Fish Barrier is in EBTJV BKT Catchment (DeWeber) No MD MBSS Benthic IBI Stream Health N/A Barrier Blocks an EBTJV Catchment 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) 4  # Rare Fish (HUC8) PA IBI Stream Health N/A # Rare Mussel (HUC8)	# Size Classes in Total Networl	< 2		# Dow	# Downstream Dams with Passage		4
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  11.47  Density of Crossings in Upstream Network Watershed (#/m2)  Density of Crossings in Downstream Network Watershed (#/m2)  Density of off-channel dams in Upstream Network Watershed (#/m2)  Density of off-channel dams in Downstream Network Watershed (#/m2)  Diadromous Fish  Downstream Alewife  Downstream Allewife  Downstream Allewife  Downstream American Shad  None Documented  Downstream American Shad  None Documented  Downstream Hickory Shad  None Documented  Downstream American Eel  None Documented  Presence of 1 or More Downstream Anadromous Species  # Diadromous Species Downstream (incl eel)  Resident Fish  Barrier is in EBTJV BKT Catchment  No  Resident Fish  Barrier Blocks an EBTJV Catchment (DeWeber)  No  MD MBSS Benthic IBI Stream Health  N/A  Barrier Blocks a 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  Native Fish Species Richness (HUC8)  36  VA INSTAR mIBI Stream Health  Very Hight  # Rare Fish (HUC8)  4	# Upstream Network Size Clas	Upstream Network Size Classes 0		# of Downstream Barriers			6
% Conserved Land in 100m Buffer of Upstream Network 0 % Conserved Land in 100m Buffer of Downstream Network 11.47  Density of Crossings in Upstream Network Watershed (#/m2) 0 Density of Consider in Downstream Network Watershed (#/m2) 1.8 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 Historical 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 Presence of 1 or More Downstream Anadromous Species Historical  # Diadromous Species Downstream (incl eel) 0  Resident Fish Stream Health POOR Barrier is in EBTJV BKT Catchment (DeWeber) No MD MBSS Benthic IBI Stream Health N/A Barrier Blocks an EBTJV 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 Very Hight Rare Fish (HUC8) 0 PA IBI Stream Health N/A # Rare Mussel (HUC8) 4	NFHAP Cumulative Disturband	e Index			High		
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Density of Crossings in Upstream Network Watershed (#/m2) 1.8  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  Diadromous Fish  Downstream Alewife Historical Downstream Striped Bass None Documented  Downstream Blueback Historical Downstream Atlantic Sturgeon None Documented  Downstream American Shad None Documented Downstream American Eel None Documented  Downstream Hickory Shad None Documented Downstream American Eel None Documented  Presence of 1 or More Downstream Anadromous Species Historical  # Diadromous Species Downstream (incl eel) 0  Resident Fish Stream Health POOR  Barrier is in EBTJV 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) 36 VA INSTAR mIBI Stream Health Very Hight Rare Fish (HUC8) 4	% Conserved Land in 100m Bu	ffer of Upstream Netwo	rk		0		
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Diadromous Fish  Downstream Alewife Historical Downstream Striped Bass None Documented  Downstream Blueback Historical Downstream Atlantic Sturgeon None Documented  Downstream American Shad None Documented Downstream Shortnose Sturgeon None Documented  Downstream Hickory Shad None Documented Downstream American Eel None Documented  Presence of 1 or More Downstream Anadromous Species Historical  # Diadromous Species Downstream (incl eel)  Resident Fish Stream Health  Barrier is in EBTJV BKT Catchment 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)  36 VA INSTAR mIBI Stream Health Very Hight Rare Fish (HUC8)  9 PA IBI Stream Health N/A  N/A	Density of off-channel dams ir	ı Upstream Network Wa	itersh	ned (#/m2)	0		
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Downstream Hickory Shad None Documented  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 No Barrier Blocks an EBTJV Catchment No Barrier Blocks a Modeled BKT Catchment (DeWeber) Barrier Blocks a Modeled BKT Catchment No Barrier Blocks a Modeled BKT Catchment No Barrier Blocks a Modeled BKT Catchment No 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)  # Rare Fish (HUC8)  PA IBI Stream Health N/A  N/A	Downstream Blueback	Historical		Downstream Atlantic Sturgeon None Do		None Doc	umented
Presence of 1 or More Downstream Anadromous Species Historical  # 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  Native Fish Species Richness (HUC8)  Resident Fish  No  MD MBSS Benthic IBI Stream Health  N/A  MD MBSS Combined IBI Stream Health  N/A  NA  NA  NA  NA  NA  NA  NA  NA  N	Downstream American Shad	None Documented		Downstream	Downstream Shortnose Sturgeon None		umented
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Resident Fish  Barrier is in EBTJV BKT Catchment  No  Chesapeake Bay Program Stream Health  No  MD MBSS Benthic IBI Stream Health  N/A  Barrier Blocks an EBTJV Catchment  No  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)  ABARRE Fish (HUC8)  Barrier Blocks a Modeled 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  # Rare Mussel (HUC8)  ABARRE Fish (HUC8)  ABARRE Fish (HUC8)	Presence of 1 or More Downs	tream Anadromous Spe	cies	Historical			
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 Fish IBI Stream Health  N/A  MD MBSS Combined IBI Stream Health  N/A  Native Fish Species Richness (HUC8)  # Rare Fish (HUC8)  # Rare Mussel (HUC8)  4  Chesapeake Bay Program Stream Health  N/A  MD MBSS Benthic IBI Stream Health  N/A  MD MBSS Combined IBI Stream Health  Very High  N/A  PA IBI Stream Health  N/A	# Diadromous Species Downs	tream (incl eel)		0			
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 Fish IBI Stream Health  N/A  MD MBSS Combined IBI Stream Health  N/A  NA  Native Fish Species Richness (HUC8)  # Rare Fish (HUC8)  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	Reside	nt Fish			Strea	m Health	
Barrier Blocks an EBTJV Catchment 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) 36 VA INSTAR mIBI Stream Health Very High # Rare Fish (HUC8) 0 PA IBI Stream Health N/A # Rare Mussel (HUC8) 4	Barrier is in EBTJV BKT Catchment No		Chesape	Chesapeake Bay Program Stream Health POOR			
Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Combined IBI Stream Health N/A Native Fish Species Richness (HUC8) 36 VA INSTAR mIBI Stream Health Very High # Rare Fish (HUC8) 0 PA IBI Stream Health N/A # Rare Mussel (HUC8) 4	Barrier is in Modeled BKT Catchment (DeWeber) No		No	MD MB	MD MBSS Benthic IBI Stream Health		N/A
Native Fish Species Richness (HUC8)  # Rare Fish (HUC8)  # Rare Mussel (HUC8)  36  VA INSTAR mIBI Stream Health  N/A  N/A	Barrier Blocks an EBTJV Catchment No		No	MD MB	MD MBSS Fish IBI Stream Health		N/A
# Rare Fish (HUC8)  # Rare Mussel (HUC8)  O PA IBI Stream Health  N/A	Barrier Blocks a Modeled BKT Catchment (DeWeber) No		No	MD MB	MD MBSS Combined IBI Stream Health		
# Rare Fish (HUC8)  # Rare Mussel (HUC8)  O PA IBI Stream Health  N/A	Native Fish Species Richness (HUC8) 36		36	VA INST	VA INSTAR mIBI Stream Health		Very High
# Rare Mussel (HUC8) 4	# Rare Fish (HUC8) 0		0	PA IBI S			
	# Rare Mussel (HUC8) 4		4				-
	# Rare Crayfish (HUC8)		0				

