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

	chesapeake Histi i asse
CFPPP Unique ID:	CFPPP_357 unknown
Diadromous Tier	9
Brook Trout Tier	N/A
Resident Tier	7
NID ID	
State ID	
River Name	
Dam Height (ft)	0
Dam Type	
Latitude	37.53
Longitude	-78.0187
Passage Facilities	None Documented
Passage Year	N/A
Size Class	1a: Headwater (0 - 3.861 sq mi)
HUC 12	Maxey Mill Creek-Deep Creek
HUC 10	Deep Creek-James River
HUC 8	Middle James-Willis
HUC 6	James
HUC 4	Lower Chesapeake



Landcover							
NLCD (2011)		Chesapeake Conservancy (2016)					
% Impervious Surface in Upstream Drainage Area	0.1	% Tree Cover in ARA of Upstream Network					
% Natural Cover in Upstream Drainage Area	77	% Tree Cover in ARA of Downstream Network	92.84				
% Forested in Upstream Drainage Area	34.06	% Herbaceaous Cover in ARA of Upstream Network	34.9				
% Agriculture in Upstream Drainage Area	20.72	% Herbaceaous Cover in ARA of Downstream Network	5.77				
% Natural Cover in ARA of Upstream Network	98.26	% Barren Cover in ARA of Upstream Network	0				
% Natural Cover in ARA of Downstream Network	94.49	% Barren Cover in ARA of Downstream Network	0				
% Forest Cover in ARA of Upstream Network	24.74	% Road Impervious in ARA of Upstream Network	0.72				
% Forest Cover in ARA of Downstream Network	67.46	% Road Impervious in ARA of Downstream Network	0.19				
% Agricultral Cover in ARA of Upstream Network	1.74	% Other Impervious in ARA of Upstream Network	0.41				
% Agricultral Cover in ARA of Downstream Network	4.85	% Other Impervious in ARA of Downstream Network	0.28				
% Impervious Surf in ARA of Upstream Network	0						
% Impervious Surf in ARA of Downstream Network	0.04						



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

CFPPP Unique ID: CFPPP\_357 unknown

# Size Classes in Total Network 3 # Downstream Dams with Passage 4 # Upstream Network Size Classes 1 # of Downstream Barriers 5 NFHAP Cumulative Disturbance Index Moderate Dam is on Conserved Land in 100m Buffer of Upstream Network 0 Conserved Land in 100m Buffer of Downstream Network 11.25 Density of Crossings in Upstream Network Watershed (#/m2) 0.39 Density of Crossings in Downstream Network Watershed (#/m2) 0.39 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	CFPPP Unique ID: CFPPP_357	/ unknown					
# Downstream Natural Barriers 0  Absolute Gain (mi) 0.55 # Downstream Hydropower Dams 2  # Size Classes in Total Network 3 # Downstream Barriers 5  # Downstream Dams with Passage 4  # Upstream Network Size Classes 1 # of Downstream Barriers 5  # Heavilla Downstream Dams with Passage 4  # Upstream Network Size Classes 1 # of Downstream Barriers 5  # Moderate  * Moderate  * No  # Conserved Land in 100m Buffer of Upstream Network 0  # Conserved Land in 100m Buffer of Downstream Network 11.25  * Density of Crossings in Upstream Network Watershed (#/m2) 0.39  * Density of Crossings in Downstream Network Watershed (#/m2) 0.39  * Density of off-channel dams in Upstream Network Watershed (#/m2) 0  * Diadromous Fish  * Downstream Alewife Historical Downstream Striped Bass None Documented  * Downstream Allewife Historical Downstream Atlantic Sturgeon None Documented  * Downstream American Shad None Documented Downstream American Eel Current  * Presence of 1 or More Downstream Anadromous Species Historical  * Barrier is in EBTJV BKT Catchment (incl eel) 1   * Resident Fish  * Barrier is in Modeled BKT 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) 51 VA INSTAR mIBI Stream Health High  * Rare Mussel (HUC8) 0 PA IBI Stream Health N/A		Network, Sy	ystem	Type and Cond	lition		
Absolute Gain (mi) 0.55 # Downstream Hydropower Dams 2 Fixe Classes in Total Network 3 # Downstream Dams with Passage 4 FUpstream Network Size Classes 1 # of Downstream Barriers 5 NFHAP Cumulative Disturbance Index Moderate Dam is on Conserved Land No 6 Conserved Land in 100m Buffer of Upstream Network 0 6 Conserved Land in 100m Buffer of Downstream Network 11.25 Density of Crossings in Upstream Network Watershed (#/m2) 1.02 Density of Crossings in Downstream Network Watershed (#/m2) 0.39 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 American Sturgeon None Documented Downstream Hickory Shad None Documented Downstream American Eel Current Downstream Hickory Shad None Documented Downstream American Eel Current Downstream Hickory Shad None Documented Downstream American Eel Current Downstream Hickory Shad None Documented Downstream American Eel Current Downstream Hickory Shad None Documented Downstream American Eel Current Downstream Hickory Shad None Documented Downstream Health N/A Barrier is in EBTJV BKT 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) 51 VA INSTAR mIBI Stream Health N/A H Rare Fish (HUC8) 0 PA IBI Stream Health N/A	Functional Upstream Network	(mi) 0.55		Upstre	am Size Class Gain (‡	<b>‡</b> )	0
# Size Classes in Total Network 3 # Downstream Dams with Passage 4 # Upstream Network Size Classes 1 # of Downstream Barriers 5 NFHAP Cumulative Disturbance Index Moderate Dam is on Conserved Land in 100m Buffer of Upstream Network 0 Conserved Land in 100m Buffer of Downstream Network 11.25 Density of Crossings in Upstream Network Watershed (#/m2) 0.39 Density of Crossings in Downstream Network Watershed (#/m2) 0.39 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	Гotal Functional Network (mi)	162.49		# Down	nsteam Natural Barri	ers	0
# Upstream Network Size Classes 1 # of Downstream Barriers 5  ## Operate Downstream Network	Absolute Gain (mi)	0.55		# Downstream Hydropower Dams			2
APHAP Cumulative Disturbance Index Dam is on Conserved Land ACC Conserved Land in 100m Buffer of Upstream Network ACC Conserved Land in 100m Buffer of Downstream Network ACC Conserved Land in 100m B	# Size Classes in Total Network	k 3		# 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  Consity 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)  Downstry of off-channel dams in Downstream Network Watershed (#/m2)  Downstream Alewife  Historical  Downstream Striped Bass  None Documenter  Downstream Allentic Sturgeon  None Documenter  Downstream American Shad  None Documented  Downstream American Sturgeon  None Documenter  Downstream Hickory Shad  None Documented  Downstream American Eel  Current  Presence of 1 or More Downstream Anadromous Species  Historical  Resident Fish  Barrier is in EBTJV BKT Catchment  No  Chesapeake Bay Program Stream Health  Barrier is in Modeled BKT Catchment (DeWeber)  No  MD MBSS Benthic IBI Stream Health  N/A  Barrier Blocks an EBTJV Catchment  No  MD MBSS Combined IBI Stream Health  N/A  MD MBSS Combined IBI Stream Health  N/A  Mative Fish Species Richness (HUC8)  Fare Fish (HUC8)  PA IBI Stream Health  N/A  PA IBI Stream Health  N/A  PA IBI Stream Health  N/A	# Upstream Network Size Clas	ses 1		# of Downstream Barriers			5
A Conserved Land in 100m Buffer of Upstream Network 0 A Conserved Land in 100m Buffer of Downstream Network 11.25 Density of Crossings in Upstream Network Watershed (#/m2) 1.02 Density of Crossings in Downstream Network Watershed (#/m2) 0.39 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 Current Presence of 1 or More Downstream Anadromous Species Historical  # Diadromous Species Downstream (incl eel) 1  Resident Fish Barrier is in BETJV 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 Native Fish Species Richness (HUC8) 51 VA INSTAR mIBI Stream Health High # Rare Fish (HUC8) 0 PA IBI Stream Health N/A # Rare Mussel (HUC8) 1	NFHAP Cumulative Disturband	ce Index			Moderate		
A Conserved Land in 100m Buffer of Downstream Network  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 Upstream Network Watershed (#/m2)  Density of off-channel dams in Downstream Network Watershed (#/m2)  Downstream Alewife  Historical  Downstream Striped Bass  None Documented  Downstream Atlantic Sturgeon  None Documented  Downstream American Shad  None Documented  Downstream Hickory Shad  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 Blocks an EBTJV Catchment  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  MD MBSS Combined IBI Stream Health  N/A  Native Fish Species Richness (HUC8)  51  VA INSTAR mIBI Stream Health  High  # Rare Fish (HUC8)  0  PA IBI Stream Health  N/A	Dam is on Conserved Land				No		
Density of Crossings in Upstream Network Watershed (#/m2) 0.39 Density of Crossings in Downstream Network Watershed (#/m2) 0.39 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 Blueback Historical Downstream Atlantic Sturgeon None Documented Downstream American Shad None Documented Downstream American Eel Current  Presence of 1 or More Downstream Anadromous Species Historical  # Diadromous Species Downstream (incl eel) 1  Resident Fish Stream Health FAIR Barrier is in EBTJV BKT Catchment No 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) 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) 51 VA INSTAR mIBI Stream Health High # Rare Fish (HUC8) 0 PA IBI Stream Health N/A # Rare Mussel (HUC8) 3	% Conserved Land in 100m Bu	iffer of Upstream Netwo	ork		0		
Density of Crossings in Downstream Network Watershed (#/m2) 0.39 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 Shortnose Sturgeon None Documented 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 Stream Health Chesapeake Bay Program Stream Health FAIR Barrier is in Modeled 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) 51 VA INSTAR mIBI Stream Health High # Rare Fish (HUC8) 0 PA IBI Stream Health N/A # Rare Mussel (HUC8) 3	% Conserved Land in 100m Bu	iffer of Downstream Ne	twork		11.25		
Density of off-channel dams in Upstream 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 Current  Presence of 1 or More Downstream Anadromous Species Historical  # Diadromous Species Downstream (incl eel) 1  Resident Fish Stream Health Chesapeake Bay Program Stream Health FAIR  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) 51 VA INSTAR mIBI Stream Health High  # Rare Fish (HUC8) 0 PA IBI Stream Health N/A  # Rare Mussel (HUC8) 3	Density of Crossings in Upstream Network Watershed (#/r		l (#/m	2)	1.02		
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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 Current  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 Chesapeake Bay Program Stream Health FAIR  Barrier is in Modeled BKT Catchment (DeWeber) No MD MBSS Benthic IBI Stream Health N/A  Barrier Blocks an EBTJV Catchment No MD MBSS Combined IBI Stream Health N/A  Native Fish Species Richness (HUC8)  Farre Mussel (HUC8)  O PA IBI Stream Health N/A  # Rare Mussel (HUC8)  3	•				0		
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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 Stream Health Barrier is in EBTJV BKT Catchment No Chesapeake Bay Program Stream Health FAIR Barrier is in Modeled 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) 51 VA INSTAR mIBI Stream Health High # Rare Fish (HUC8) 0 PA IBI Stream Health N/A # Rare Mussel (HUC8) 3	Downstream Blueback	Historical		Downstream Atlantic Sturgeon None Doo			umented
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Resident Fish  Resident Fish  Barrier is in EBTJV BKT Catchment  Barrier is in Modeled BKT Catchment (DeWeber)  Barrier Blocks an EBTJV Catchment  Barrier Blocks a Modeled BKT Catchment (DeWeber)	Downstream Hickory Shad	n Hickory Shad None Documented		Downstream American 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  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	Presence of 1 or More Downs	stream Anadromous Spe	ecies	Historical			
Barrier is in EBTJV BKT Catchment  Barrier is in Modeled BKT Catchment (DeWeber)  Barrier Blocks an EBTJV Catchment  Barrier Blocks an Modeled BKT Catchment  Barrier Blocks a Modeled BKT Catchment  Barrier Blocks a Modeled BKT Catchment (DeWeber)  Barrier Blocks a Modeled BKT Catchment  Barrier Blocks a Modeled BKT Catchment	# Diadromous Species Downs	tream (incl eel)		1			
Barrier is in Modeled BKT Catchment (DeWeber)  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)  Fare Fish (HUC8)  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  MD MBSS Combined IBI Stream Health  N/A  Native Fish Species Richness (HUC8)  Rare Fish (HUC8)  Rare Mussel (HUC8)  MD MBSS Combined IBI Stream Health  N/A  VA INSTAR mIBI Stream Health  N/A  N/A	Barrier is in EBTJV BKT Catchment		No	Chesape	Chesapeake Bay Program Stream Health FAIR		
Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Combined IBI Stream Health N/A Native Fish Species Richness (HUC8) 51 VA INSTAR mIBI Stream Health High PA IBI Stream Health N/A PA IBI Stream Health N/A PA IBI Stream Health N/A Rare Mussel (HUC8) 3	Barrier is in Modeled BKT Catchment (DeWeber)		No	MD MBS	MD MBSS Benthic IBI Stream Health N/A		
Native Fish Species Richness (HUC8)  # Rare Fish (HUC8)  # Rare Mussel (HUC8)  51  VA INSTAR mIBI Stream Health  N/A  N/A	Barrier Blocks an EBTJV Catchment		No	MD MBS	MD MBSS Fish IBI Stream Health		N/A
# Rare Fish (HUC8) 0 PA IBI Stream Health N/A Rare Mussel (HUC8) 3	Barrier Blocks a Modeled BKT Catchment (DeWeber)		No	MD MBS	MD MBSS Combined IBI Stream Health N		N/A
# Rare Mussel (HUC8) 3	Native Fish Species Richness (HUC8)		51	VA INST	VA INSTAR mIBI Stream Health		High
	# Rare Fish (HUC8)		0	PA IBI St	ream Health		N/A
# Rare Crayfish (HUC8) 0	# Rare Mussel (HUC8)		3				
	# Rare Crayfish (HUC8)		0				

