Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: PA_PA00816 BEAR GAP NO 2

Diadromous Tier 10

Brook Trout Tier N/A

Resident Tier 7

NID ID PA00816 State ID 49-004

River Name South Branch Roaring Creek

Dam Height (ft) 83

Dam Type

Latitude 40.8243 Longitude -76.4946

Passage Facilities None Documented

Passage Year N/A

Size Class 1b: Creek (3.861 - 38.61 sq mi)

HUC 12 Mugser Run-South Branch Roari

HUC 10 Roaring Creek

HUC 8 Upper Susquehanna-Lackawann

HUC 6 Upper Susquehanna

HUC 4 Susquehanna







	Land	cover	
NLCD (2011)		Chesapeake Conservancy (2016)	
% Impervious Surface in Upstream Drainage Area	0.27	% Tree Cover in ARA of Upstream Network	88.71
% Natural Cover in Upstream Drainage Area	96.82	% Tree Cover in ARA of Downstream Network	69.25
% Forested in Upstream Drainage Area	92.19	% Herbaceaous Cover in ARA of Upstream Network	0.61
% Agriculture in Upstream Drainage Area	0	% Herbaceaous Cover in ARA of Downstream Network	5.88
% Natural Cover in ARA of Upstream Network	96.89	% Barren Cover in ARA of Upstream Network	0.04
% Natural Cover in ARA of Downstream Network	94.01	% Barren Cover in ARA of Downstream Network	0
% Forest Cover in ARA of Upstream Network	84.23	% Road Impervious in ARA of Upstream Network	0.19
% Forest Cover in ARA of Downstream Network	59.4	% Road Impervious in ARA of Downstream Network	0.58
% Agricultral Cover in ARA of Upstream Network	0	% Other Impervious in ARA of Upstream Network	0
% Agricultral Cover in ARA of Downstream Network	0	% Other Impervious in ARA of Downstream Network	0.15
% Impervious Surf in ARA of Upstream Network	0.03		
% Impervious Surf in ARA of Downstream Network	0.69		



Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: PA_PA00816 BEAR GAP NO 2

# Size Classes in Total Network 1 # Downstream Dams with Passage 5 # Upstream Network Size Classes 1 # of Downstream Barriers 10 NFHAP Cumulative Disturbance Index Not Scored / Unavailable at this scale Yes Which Conserved Land 100m Buffer of Upstream Network 100 Which Conserved Land in 100m Buffer of Downstream Network 51.64 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 Diadromous Fish Downstream Alewife None Documented Downstream Striped Bass None Documente Downstream American Shad None Documented Downstream Atlantic Sturgeon None Documente Downstream American Shad None Documented Downstream American Eel Current Presence of 1 or More Downstream Anadromous Species None Docume # Diadromous Species Downstream (incl eel) 1 Resident Fish Barrier is in EBTJV BKT Catchment No 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 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) 37 VA INSTAR mIBI Stream Health N/A # Rare Fish (HUC8) 0 PA IBI Stream Health N/A # Rare Fish (HUC8) 0 PA IBI Stream Health N/A	CIFFF Offique ID. FA_FA000	10 DLAN GAP NO 2	•					
# Downstream Natural Barriers 0 Absolute Gain (mi) 0.63 # Downstream Hydropower Dams 4 # Size Classes in Total Network 1 # Downstream Barriers 10 Absolute Gain (mi) 0.63 # Downstream Hydropower Dams 4 # Size Classes in Total Network 1 # Downstream Dams with Passage 5 # Upstream Network Size Classes 1 # of Downstream Barriers 10 Not Scored / Unavailable at this scale Dam is on Conserved Land Yes # Conserved Land in 100m Buffer of Upstream Network 100 # Conserved Land in 100m Buffer of Downstream Network 100 # Consity of Crossings in Upstream Network Watershed (#/m2) 0 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 Downstream Network Watershed (#/m2) 0 Density of off-channel dams in Downstream Network Watershed (#/m2) 0 Diadromous Fish Downstream Alewife None Documented Downstream Striped Bass None Documente Downstream Alewife None Documented Downstream Atlantic Sturgeon None Documente Downstream Hickory Shad None Documented Downstream American Eel Current Presence of 1 or More Downstream Anadromous Species None Docume # Diadromous Species Downstream (incl eel) 1 Resident Fish Barrier is in EBTIV BKT Catchment (nicl 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) 0 PA IBI Stream Health N/A # Rare Fish (HUC8) 0 PA IBI Stream Health N/A # Rare Fish (HUC8) 0 PA IBI Stream Health Model # Rare Fish (HUC8) 0 PA IBI Stream Health Model		Network, S	ystem	Type an	d Cond	ition		
Absolute Gain (mi) 0.63 # Downstream Hydropower Dams 4 # Size Classes in Total Network 1 # Downstream Dams with Passage 5 # Upstream Network Size Classes 1 # of Downstream Barriers 10 NFHAP Cumulative Disturbance Index Not Scored / Unavailable at this scale Dam is on Conserved Land Yes % Conserved Land in 100m Buffer of Upstream Network 100 % Conserved Land in 100m Buffer of Downstream Network 51.64 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 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 Downstream Alewife None Documented Downstream Striped Bass None Documente Downstream Alewife None Documented Downstream Atlantic Sturgeon None Documente Downstream American 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 Resident Fish Barrier is in EBTJV BKT Catchment (nicl 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) 0 PA IBI Stream Health N/A WA INSTAR mIBI Stream Health N/A # Rare Fish (HUC8) 0 PA IBI Stream Health N/A	Functional Upstream Network	(mi) 3.76			Upstre	am Size Class Gain (‡	‡)	1
# Size Classes in Total Network 1 # Downstream Dams with Passage 5 # Upstream Network Size Classes 1 # of Downstream Barriers 10 NFHAP Cumulative Disturbance Index Not Scored / Unavailable at this scale Yes Which Conserved Land 100m Buffer of Upstream Network 100 Which Conserved Land in 100m Buffer of Downstream Network 51.64 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 Diadromous Fish Downstream Alewife None Documented Downstream Striped Bass None Documente Downstream American Shad None Documented Downstream Atlantic Sturgeon None Documente Downstream American Shad None Documented Downstream American Eel Current Presence of 1 or More Downstream Anadromous Species None Docume # Diadromous Species Downstream (incl eel) 1 Resident Fish Barrier is in EBTJV BKT Catchment No 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 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) 37 VA INSTAR mIBI Stream Health N/A # Rare Fish (HUC8) 0 PA IBI Stream Health N/A # Rare Fish (HUC8) 0 PA IBI Stream Health N/A	Total Functional Network (mi)	4.39			# Dowr	nsteam Natural Barr	ers	0
# Upstream Network Size Classes 1 # of Downstream Barriers 10 NPHAP Cumulative Disturbance Index Not Scored / Unavailable at this scale Yes Conserved Land yes Conserved Land in 100m Buffer of Upstream Network 100 Conserved Land in 100m Buffer of Downstream Network 51.64 Conserved Land in 100m Buffer of Downstream Network 51.64 Conserved Land in 100m Buffer of Downstream Network 51.64 Conserved Land in 100m Buffer of Downstream Network 51.64 Conserved Land in 100m Buffer of Downstream Network 51.64 Conserved Land in 100m Buffer of Downstream Network 51.64 Conserved Land in 100m Buffer of Downstream Network Watershed (#/m2) 0 Consity of Crossings in Upstream Network Watershed (#/m2) 0 Consity of Off-channel dams in Upstream Network Watershed (#/m2) 0 Consity of off-channel dams in Downstream Network Watershed (#/m2) 0 Consity of Off-channel dams in Downstream Network Watershed (#/m2) 0 Consity of Off-channel dams in Downstream Network Watershed (#/m2) 0 Consity of Off-channel dams in Downstream Network Watershed (#/m2) 0 Consity of Off-channel dams in Downstream Network Watershed (#/m2) 0 Consity of Off-channel dams in Downstream Network Watershed (#/m2) 0 Consity of Off-channel dams in Downstream Network Watershed (#/m2) 0 Consity of Off-channel dams in Downstream Network Watershed (#/m2) 0 Consity of Off-channel dams in Downstream Network Watershed (#/m2) 0 Consity of Off-channel dams in Downstream Network Watershed (#/m2) 0 Consity of Off-channel dams in Upstream Network Watershed (#/m2) 0 Consity of Off-channel dams in Upstream Network Watershed (#/m2) 0 Consity of Off-channel dams in Upstream Network Watershed (#/m2) 0 Consity of Off-channel dams in Upstream Network Watershed (#/m2) 0 Consity of Off-channel dams in Upstream Network Watershed (#/m2) 0 Consity of Off-channel dams in Upstream Network Watershed (#/m2) 0 Consity of Off-channel dams in Upstream Network Watershed (#/m2) 0 Consity of Off-channel dams in Upstream Network Watershed (#/m2) 0 Consity of Off-channel dams in Upstream Network Watershed (#/	Absolute Gain (mi)	0.63			# Dowr	nstream Hydropowe	r Dams	4
Not Scored / Unavailable at this scale Dam is on Conserved Land Mc Conserved Land in 100m Buffer of Upstream Network Mc Conserved Land in 100m Buffer of Upstream Network Mc Conserved Land in 100m Buffer of Downstream Network Mc Conserved Land in 100m Buffer of Downstream Network Mc Conserved Land in 100m Buffer of Downstream Network Mc Conserved Land in 100m Buffer of Downstream Network Mc Conserved Land in 100m Buffer of Downstream Network Mc Conserved Land in 100m Buffer of Downstream Network Mc Conserved Land in 100m Buffer of Downstream Network Downstream Network Watershed (#/m2) Doensity of Crossings in Downstream Network Watershed (#/m2) Doensity of off-channel dams in Upstream Network Watershed (#/m2) Doensity of off-channel dams in Downstream Network Watershed (#/m2) Doensity of off-channel dams in Downstream Network Watershed (#/m2) Doensity of off-channel dams in Downstream Network Watershed (#/m2) Doensity of off-channel dams in Downstream Network Watershed (#/m2) Doensity of off-channel dams in Downstream Network Watershed (#/m2) Doensity of off-channel dams in Upstream Network Watershed (#/m2) Doensity of off-channel dams in Upstream Network Watershed (#/m2) Doensity of off-channel dams in Upstream Network Watershed (#/m2) Doensity of off-channel dams in Upstream Network Watershed (#/m2) Doensity of off-channel dams in Upstream Network Watershed (#/m2) Doensity of Off-channel dams in Upstream Network Watershed (#/m2) Doensity of Off-channel dams in Upstream Network Watershed (#/m2) Doensity of Off-channel dams in Upstream Network Watershed (#/m2) Doensity of Off-channel dams in Upstream Network Watershed (#/m2) Doensity of Off-channel dams in Upstream Network Watershed (#/m2) Doensity of Off-channel dams in Upstream Network Watershed (#/m2) Doensity of Off-channel dams in Upstream Network Watershed (#/m2) Doensity of Off-channel dams in Upstream Network Watershed (#/m2) Doensity of Off-channel dams in Upstream Network Watershed (#/m2) Doensity of Off-channel dams in	# Size Classes in Total Networ	k 1			# Dowr	nstream Dams with I	Passage	5
Dam is on Conserved Land Wes 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) Density of off-channel dams in Downstream Network Watershed (#/m2) Downstream Alewife None Documented Downstream Allantic Sturgeon None Documente Downstream American Shad None Documented Downstream American Shad None Documented Downstream American Shortnose Sturgeon None Documente 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 Chesapeake Bay Program Stream Health Presence of 1 or More Downstream (DeWeber) No 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 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 Good	# Upstream Network Size Clas	sses 1			# of Do	wnstream Barriers		10
% Conserved Land in 100m Buffer of Upstream Network 100 % Conserved Land in 100m Buffer of Downstream Network 51.64 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 Diadromous Fish Downstream Alewife None Documented Downstream Striped Bass None Documente Downstream American Shad None Documented Downstream Atlantic Sturgeon None Documente Downstream Hickory Shad None Documented Downstream American Eel Current Presence of 1 or More Downstream Anadromous Species None Docume # Diadromous Species Downstream (incl eel) 1 Resident Fish Stream Health FAIR Barrier is in EBTJV BKT Catchment (DeWeber) No MD MBSS Fish IBI Stream Health N/A Barrier Blocks an 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) 37 VA INSTAR mIBI Stream Health N/A # Rare Fish (HUC8) 0 PA IBI Stream Health Good # Rare Mussel (HUC8) 2	NFHAP Cumulative Disturband	ce Index				Not Scored / Unav	ailable at th	is scale
26. Conserved Land in 100m Buffer of Downstream Network 27. Consity of Crossings in Upstream Network Watershed (#/m2) 28. Density of Crossings in Downstream Network Watershed (#/m2) 29. Density of Off-channel dams in Upstream Network Watershed (#/m2) 20. Density of off-channel dams in Upstream Network Watershed (#/m2) 20. Density of off-channel dams in Downstream Network Watershed (#/m2) 20. Density of off-channel dams in Downstream Network Watershed (#/m2) 20. Density of off-channel dams in Downstream Network Watershed (#/m2) 20. Density of off-channel dams in Upstream Network Watershed (#/m2) 20. Density of off-channel dams in Downstream Network Watershed (#/m2) 20. Density of Off-channel dams in Upstream Network Watershed (#/m2) 20. Density of Crossings in Upstream Network Watershed (#/m2) 20. Density of Crossings in Upstream Network Watershed (#/m2) 20. Density of Crossings in Upstream Network Watershed (#/m2) 20. Density of Crossings in Upstream Network Watershed (#/m2) 20. Density of Crossings in Upstream Network Watershed (#/m2) 20. Density of Crossings in Upstream Network Watershed (#/m2) 20. Density of Crossings in Upstream Network Watershed (#/m2) 20. Density of Crossings in Upstream Network Watershed (#/m2) 20. Density of Crossings in Upstream Network Watershed (#/m2) 20. Density of Crossings in Upstream Network Watershed (#/m2) 20. Density of Crossings in Upstream Network Watershed (#/m2) 20. Density of Crossings in Downstream Network Watershed (#/m2) 20. Density of Crossings in Downstream Network Watershed (#/m2) 20. Density of Crossings in Downstream Network Watershed (#/m2) 20. Density of Crossings in Downstream Network Watershed (#/m2) 20. Density of Crossings in Downstream Network Watershed (#/m2) 20. Density of Crossings in Downstream Network Watershed (#/m2) 20. Density of Crossings in Downstream Network Watershed (#/m2) 20. Density of Crossings in Downstream Network Watershed (#/m2) 20. Density of Crossings in Downstream Network Watershed (#/m2) 20. Density of Crossings in Downstream Network	Dam is on Conserved Land					Yes		
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 Diadromous Fish Downstream Alewife None Documented Downstream Striped Bass None Documente Downstream Blueback None Documented Downstream Atlantic Sturgeon None Documente Downstream American Shad None Documented Downstream American Eel Current Downstream Hickory Shad None Documented Downstream American Eel Current Presence of 1 or More Downstream Anadromous Species None Docume # Diadromous Species Downstream (incl eel) 1 Resident Fish Stream Health Stream Health N/A Barrier is in Modeled BKT Catchment (DeWeber) No 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 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 Good # Rare Mussel (HUC8) 2	% Conserved Land in 100m Bu	uffer of Upstream Netw	ork			100		
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 None Documented Downstream Striped Bass None Documentee Downstream Blueback None Documented Downstream Atlantic Sturgeon None Documentee Downstream American Shad None Documented Downstream Shortnose Sturgeon None Documentee Downstream Hickory Shad None Documented Downstream American Eel Current Presence of 1 or More Downstream Anadromous Species None Docume # Diadromous Species Downstream (incl eel) 1 Resident Fish Stream Health FAIR Barrier is in Modeled BKT Catchment (DeWeber) No 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 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 Good # Rare Mussel (HUC8) 2	% Conserved Land in 100m Bu	uffer of Downstream Ne	etwork	<		51.64		
Density of off-channel dams in Upstream Network Watershed (#/m2) 0 Diadromous Fish Downstream Alewife None Documented Downstream Striped Bass None Documented Downstream Blueback None Documented 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 None Docume # Diadromous Species Downstream (incl eel) 1 Resident Fish Stream Health Stream Health No Chesapeake Bay Program Stream Health PAIR Barrier is in Modeled BKT Catchment (DeWeber) No MD MBSS Fish IBI Stream Health N/A Barrier Blocks an EBTJV Catchment (DeWeber) No 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 Good # Rare Mussel (HUC8) 2	Density of Crossings in Upstream Network Watershed (#/m			12)		0		
Density of off-channel dams in Downstream Network Watershed (#/m2) 0 Diadromous Fish Downstream Alewife None Documented Downstream Striped Bass None Documented Downstream Blueback None Documented 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 None Docume # Diadromous Species Downstream (incl eel) 1 Resident Fish Stream Health Barrier is in EBTJV BKT Catchment No Chesapeake Bay Program Stream Health FAIR 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) 37 VA INSTAR mIBI Stream Health N/A # Rare Fish (HUC8) 0 PA IBI Stream Health Good # Rare Mussel (HUC8) 2			-			0		
Diadromous Fish Downstream Alewife None Documented Downstream Striped Bass None Documented Downstream Blueback None Documented 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 None Docume # Diadromous Species Downstream (incl eel) Resident Fish Stream Health Barrier is in EBTJV BKT Catchment No Chesapeake Bay Program Stream Health FAIR 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 Native Fish Species Richness (HUC8) 70 PA IBI Stream Health Good # Rare Mussel (HUC8)	Density of off-channel dams in	n Upstream Network W	atersh	ned (#/m	2)	0		
Downstream Alewife None Documented Downstream Striped Bass None Documented Downstream Blueback None Documented 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 None Docume # 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 Yes MD MBSS Fish IBI Stream Health N/A Mative Fish Species Richness (HUC8) 37 VA INSTAR mIBI Stream Health N/A Wa InstaR miBi Stream Health N/A Rare Fish (HUC8) 0 PA IBI Stream Health Good # Rare Mussel (HUC8) 2	Density of off-channel dams in	n Downstream Network	k Wate	ershed (#	/m2)	0		
Downstream Alewife None Documented Downstream Striped Bass None Documented Downstream Blueback None Documented 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 None Docume # 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 Yes MD MBSS Fish IBI Stream Health N/A Mative Fish Species Richness (HUC8) 37 VA INSTAR mIBI Stream Health N/A Wa InstaR miBi Stream Health N/A Rare Fish (HUC8) 0 PA IBI Stream Health Good # Rare Mussel (HUC8) 2			Diadro	omous Fi	sh			
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 None Docume # Diadromous Species Downstream (incl eel) Resident Fish 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 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) 7 VA INSTAR mIBI Stream Health N/A Rare Fish (HUC8) 9 PA IBI Stream Health Good # Rare Mussel (HUC8)	Downstream Alewife		210010			Striped Bass	None Doc	umented
Downstream Hickory Shad None Documented Downstream American Eel Current Presence of 1 or More Downstream Anadromous Species None Docume # 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 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) 37 VA INSTAR mIBI Stream Health N/A # Rare Fish (HUC8) 0 PA IBI Stream Health Good # Rare Mussel (HUC8) 2	Downstream Blueback	None Documented		Downs	tream <i>A</i>	Atlantic Sturgeon	None Doc	umented
Presence of 1 or More Downstream Anadromous Species None Docume # 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 Barrier Blocks a Modeled BKT Catchment (DeWeber) Barrier Blocks a Modeled BKT Catchment (DeWeb	Downstream American Shad	None Documented		Downs	tream S	Shortnose Sturgeon	None Doc	umented
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	None Documented		Downs	tream <i>A</i>	American Eel	Current	
Resident Fish 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 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) The All Matrice Fish (HUC8) The All Matrice Fish (HUC8) Resident Fish NO MD MBSS Benthic IBI Stream Health N/A MD MBSS Combined IBI Stream Health N/A VA INSTAR mIBI Stream Health N/A FAIR FAIR AND MBSS Fish IBI Stream Health N/A NA WA INSTAR mIBI Stream Health Good Rare Mussel (HUC8) AND Rare Mussel (HUC8) PA IBI Stream Health AND Rare Mussel (HUC8)	Presence of 1 or More Downs	stream Anadromous Spe	ecies	None D	ocume			
Barrier is in EBTJV BKT Catchment 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	# Diadromous Species Downs	tream (incl eel)		1				
Barrier is in Modeled BKT Catchment (DeWeber) Barrier Blocks an EBTJV Catchment Barrier Blocks a Modeled BKT Catchment (DeWeber) Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Fish IBI Stream Health N/A MD MBSS Combined IBI Stream Health N/A VA INSTAR mIBI Stream Health N/A WA INSTAR mIBI Stream Health N/A PA IBI Stream Health Good Rare Mussel (HUC8) A Good	Reside	ent Fish				Strea	m Health	
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) PA IBI Stream Health Good Rare Mussel (HUC8)	Barrier is in EBTJV BKT Catchment No.		No	C	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) 37 VA INSTAR mIBI Stream Health N/A # Rare Fish (HUC8) 0 PA IBI Stream Health Good # Rare Mussel (HUC8) 2	Barrier is in Modeled BKT Catchment (DeWeber)		No	Ν	MD MBSS Benthic IBI Stream Health			N/A
Native Fish Species Richness (HUC8) # Rare Fish (HUC8) # Rare Mussel (HUC8) 2 VA INSTAR miBi Stream Health N/A Good ** ** ** ** ** ** ** ** **	Barrier Blocks an EBTJV Catchment		Yes	N	MD MBSS Fish IBI Stream Health			N/A
# Rare Fish (HUC8) 0 PA IBI Stream Health Good # Rare Mussel (HUC8) 2	Barrier Blocks a Modeled BKT Catchment (DeWeber)		No	N	MD MBSS Combined IBI Stream Health N/			N/A
# Rare Mussel (HUC8) 2	Native Fish Species Richness ((HUC8)	37	V	'A INSTA	AR mIBI Stream Heal	th	N/A
	# Rare Fish (HUC8)		0	P	A IBI St	ream Health		Good
# Rare Crayfish (HUC8) 0	# Rare Mussel (HUC8)		2					
	# Rare Crayfish (HUC8)		0					

