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

CFPPP Unique ID: PA\_PA01321 UPPER BOONE LAKE DAM

Bay-wide Diadromous Tier 9
Bay-wide Resident Tier 8

Bay-wide Brook Trout Tier N/A

NID ID PA01321 State ID PA01321 River Name Spring Run

Dam Height (ft) 18

Dam Type Earth

Latitude 41.3435

Longitude -76.6071

Passage Facilities None Documented

Passage Year N/A

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

HUC 12 Rock Run-Muncy Creek

HUC 10 Muncy Creek

HUC 8 Lower West Branch Susquehann

HUC 6 West Branch Susquehanna

HUC 4 Susquehanna







Landcover							
NLCD (2011)		Chesapeake Conservancy (2016)					
% Impervious Surface in Upstream Drainage Area	0.13	% Tree Cover in ARA of Upstream Network	83.2				
% Natural Cover in Upstream Drainage Area	76	% Tree Cover in ARA of Downstream Network	54.16				
% Forested in Upstream Drainage Area	66.75	% Herbaceaous Cover in ARA of Upstream Network	4.15				
% Agriculture in Upstream Drainage Area	19.75	% Herbaceaous Cover in ARA of Downstream Network	33.75				
% Natural Cover in ARA of Upstream Network	100	% 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	80.28	% 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	0.03				
% 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\_PA01321 UPPER BOONE LAKE DAM

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 Not Scored / Unavailable at this scale 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 Downstream 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 American Sturgeon None Documented Downstream Hickory Shad None Documented Downstream American Eel Current  Presence of 1 or More Downstream (incl eel) 1  Resident Fish Stream Health N/A Barrier is in EBTJV BKT Catchment (DeWeber) No Barrier is in Modeled BKT Catchment (DeWeber) No Barrier is in Modeled BKT Catchment (DeWeber) Yes MD MBSS Fish IBI Stream Health N/A Barrier Blocks a Modeled BKT Catchment (DeWeber) Yes MD MBSS Fish IBI Stream Health N/A Native Fish Species Richness (HUC8) 1  # Rare Fish (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 N/A # Rare Fish (HUC8) 0 PA IBI Stream Health N/A		Network, Sy	stem	Type and Cond	ition		
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 Not Scored / Unavailable at this scale Dam is on 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 Downstream 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 Antantic Sturgeon None Documented Downstream Hickory Shad None Documented Downstream American Eel Current  Resident Fish Stream Health Barrier is in EBTJV BKT Catchment (incl eel) 1  Resident Fish Stream Health N/A Barrier Blocks an EBTJV Catchment (DeWeber) No MD MBSS Ensh 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) 1  # Rare Fish (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 N/A # Rare Fish (HUC8) 0 PA IBI Stream Health N/A	Functional Upstream Network	onal Upstream Network (mi) 0.04		Upstream Size Class Gain (#)			0
# Size Classes in Total Network 7  # Downstream Dams with Passage 5  # Upstream Network Size Classes 0  # of Downstream Barriers 6  Not Scored / Unavailable at this scale Dam is on Conserved Land in 100m Buffer of Upstream Network 0  Not Scored / Unavailable at this scale Dam is on Conserved Land in 100m Buffer of Downstream Network 0  Not Scored / Unavailable at this scale Dam is on Conserved Land in 100m Buffer of Downstream Network 0  Not Scored / Unavailable at this scale Dam is on Conserved Land in 100m Buffer of Downstream Network 0  Not Scored / Unavailable at this scale Dam is on Conserved Land in 100m Buffer of Downstream Network 0  Not Scored / Unavailable at this scale Dam is on Conserved Land in 100m Buffer of Downstream Network 0  Not Scored / Unavailable at this scale Dam is on Conserved Land in 100m Buffer of Downstream Network 0  Not Scored / Unavailable at this scale Dam is on Conserved Land in 100m Buffer of Downstream Network 0  Not Scored / Unavailable at this scale Dam is on Conserved Land in 100m Buffer of Downstream Network 0  Not Scored / Unavailable at this scale Dam is on Conserved Land in 100m Buffer of Downstream Network 0  Not Scored / Unavailable at this scale Dam is on Conserved Land in 100m Buffer of Downstream Network 0  Not Downstream Network 0  Not Downstream Network 0  Not Downstream Striped Bass Not Downstream Striped Bass Not Downstream Downstream Allantic Sturgeon Not Downstream Anthric Sturgeon Not Downstre	Total Functional Network (mi) 7072.59			# Downsteam Natural Barriers			0
# Upstream Network Size Classes 0  # of Downstream Barriers 6 NFHAP Cumulative Disturbance Index Not Scored / Unavailable at this scale Dam is on Conserved Land No Not Scored / Unavailable at this scale Dam is on Conserved Land in 100m Buffer of Upstream Network 0	Absolute Gain (mi)	0.04		# Downstream Hydropowei		r Dams	4
Not Scored / Unavailable at this scale Dam is on Conserved Land  Mo	# Size Classes in Total Networl	7		# Dowr	nstream Dams with F	Passage	5
Dam is on Conserved Land  No Conserved Land in 100m Buffer of Upstream Network Conserved Land in 100m Buffer of Downstream Network Watershed Consity of Crossings in Downstream Network Watershed (#/m2)  Downstream In Downstream Network Watershed (#/m2)  Downstream Striped Bass Conserved Land Conserved Land Conserved Land in 100m Buffer of Downstream Striped Conserved Land Conserved Land in 100m Buffer of Downstream Striped Conserved Land Conserved Land in 100m Buffer of Downstream Striped Conserved Land Conserved Land in 100m Buffer of Downstream Striped Conserved Land Conserved Land in 100m Buffer of Downstream Striped Conserved Land Conserved Land in 100m Buffer of Downstream Land Conserved Land in 100m Buffer of Downstream Striped Conserved Land Conserved Land in 100m Buffer of Downstream Land Conserved Land Conser	# Upstream Network Size Clas	ses 0		# of Downstream Barriers			6
% 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 Downstream Network Watershed (#/m2) 0.98 Density of off-channel dams in Upstream Network Watershed (#/m2) 0.98 Density of off-channel dams in Upstream 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  Presence of 1 or More Downstream Anadromous Species # Diadromous Species Downstream (incl eel) 1  Resident Fish Stream Health FAIR Barrier is in EBTJV 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) Yes MD MBSS Combined IBI Stream Health N/A Native Fish Species Richness (HUC8) 31 VA INSTAR mIBI Stream Health N/A # Rare Fish (HUC8) 0 PA IBI Stream Health Good # Rare Mussel (HUC8) 1	NFHAP Cumulative Disturbanc	e Index			Not Scored / Unav	ailable at th	nis scale
% 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 Downstream Alewife Downstream Blueback Historical Downstream Atlantic Sturgeon Downstream American Shad None Documented Downstream Hickory 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)  # Diadromous Species Downstream (incl eel)  Resident Fish Barrier is in EBTJV BKT Catchment No Barrier Blocks an EBTJV Catchment (DeWeber) No Barrier Blocks a Modeled BKT Catchment (DeWeber) No Barrier Blocks a Modeled BKT Catchment (DeWeber) No Notive Fish Species Richness (HUC8)  31 VA INSTAR mIBI Stream Health N/A # Rare Fish (HUC8)  0 PA IBI Stream Health Good # Rare Mussel (HUC8)	Dam is on Conserved Land				No		
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) 0.01  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 Modeled BKT Catchment (DeWeber) No MD MBSS Benthic IBI Stream Health N/A Barrier Blocks an EBTJV Catchment 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) 31 VA INSTAR mIBI Stream Health N/A # Rare Fish (HUC8) 0 PA IBI Stream Health Good # Rare Mussel (HUC8) 1	% Conserved Land in 100m Buffer of Upstream Network				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 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 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) Yes MD MBSS Combined IBI Stream Health N/A Native Fish Species Richness (HUC8) 31 VA INSTAR mIBI Stream Health N/A # Rare Fish (HUC8) 0 PA IBI Stream Health Good # Rare Mussel (HUC8) 1	% Conserved Land in 100m Bu	ffer of Downstream Net	work		6.98		
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 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 EBTJV BKT Catchment (DeWeber) No MD MBSS Benthic IBI Stream Health N/A  Barrier Blocks an EBTJV 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) 31 VA INSTAR mIBI Stream Health N/A  # Rare Fish (HUC8) 0 PA IBI Stream Health Good  # Rare Mussel (HUC8) 1	Density of Crossings in Upstream Network Watershed (#/m2			2)	0		
Density of off-channel dams in Downstream Network Watershed (#/m2) 0.01  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  Barrier is in EBTJV BKT Catchment (DeWeber) No MD MBSS Benthic IBI Stream Health N/A  Barrier Blocks an EBTJV Catchment (DeWeber) Yes MD MBSS Fish 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) 31 VA INSTAR mIBI Stream Health N/A  # Rare Fish (HUC8) 0 PA IBI Stream Health Good  # Rare Mussel (HUC8) 1	Density of Crossings in Downs	tream Network Watersh	ned (#	!/m2)	0.98		
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 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  Native Fish Species Richness (HUC8)  # Rare Fish (HUC8)  1  Downstream Striped Bass None Documented Downstream Atlantic Sturgeon None Documented Downstream Atlantic Sturgeon None Documented Downstream Sturgeon None Documented Downstream American Eel Current  Presence of 1 or More Downstream Anadromous Species Historical  # Downstream Atlantic Sturgeon None Documented Downstream Atlantic Sturgeon None Documented Downstream Sturgeon None Documented Downstream Shortnose Sturgeon None Documented Downstream Shortnose Sturgeon None Documented Downstream Atlantic Sturgeon None Documented Downstream Shortnose Sturgeon None Documented Downstream Atlantic Sturgeon None Documented Downstream Atlantic Sturgeon None Documented Downstream Sturgeon None Documented Downstream Sturgeon None Documented Downstream Sturgeon None Docu	Density of off-channel dams in	ı Upstream Network Wa	itersh	ed (#/m2)	0		
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) Yes MD MBSS Combined IBI Stream Health N/A Native Fish Species Richness (HUC8) 31 VA INSTAR mIBI Stream Health N/A Good # Rare Mussel (HUC8) 1	Density of off-channel dams in	Downstream Network	Wate	rshed (#/m2)	0.01		
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) Yes MD MBSS Combined IBI Stream Health N/A Native Fish Species Richness (HUC8) 31 VA INSTAR mIBI Stream Health N/A Good # Rare Mussel (HUC8) 1			\io dro	amous Fish			
Downstream Blueback Historical Downstream Atlantic Sturgeon None Documented Downstream American Shad None Documented Downstream Hickory Shad 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 Stream Health FAIR Barrier is in EBTJV 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) Yes MD MBSS Combined IBI Stream Health N/A Native Fish Species Richness (HUC8) 31 VA INSTAR mIBI Stream Health N/A Good # Rare Mussel (HUC8) 1	Downstream Alewife		nauro		Strined Bass	None Doc	umenter
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 EBTJV 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) Yes MD MBSS Combined IBI Stream Health N/A Native Fish Species Richness (HUC8) 31 VA INSTAR mIBI Stream Health N/A Good # Rare Mussel (HUC8) 1				·			
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 Yes MD MBSS Fish 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) 31 VA INSTAR mIBI Stream Health N/A  # Rare Fish (HUC8) 0 PA IBI Stream Health Good  # Rare Mussel (HUC8) 1							
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  Barrier Blocks a Modeled BKT Catchment (DeWeber)  Wo  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  NA  NA  NA  NA  NA  NA  NA  NA  N						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)  Wo  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  WA INSTAR mIBI Stream Health  N/A  WA INSTAR mIBI Stream Health  N/A  # Rare Fish (HUC8)  PA IBI Stream Health  Good  # Rare Mussel (HUC8)	Downstream Hickory Shad	None Documented		Downstream American Eel Currer			
Resident Fish  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  Yes  MD MBSS Fish 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)  The American Health  N/A  VA INSTAR mIBI Stream Health  N/A  PA IBI Stream Health  Good  # Rare Mussel (HUC8)  1	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  Barrier Blocks an Modeled BKT Catchment  Barrier Blocks a Modeled BKT Catchment  Barrier Blocks a Modeled BKT Catchment  Barrier Blocks a Modeled BKT Catchment (DeWeber)  Barrier	# 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)  Wative Fish Species Richness (HUC8)  Rare Fish (HUC8)  PA IBI Stream Health  N/A  WA NATIVE Fish (HUC8)  PA IBI Stream Health  Good  Rare Mussel (HUC8)	Reside	nt 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)  D MD MBSS Fish IBI Stream Health N/A  VA INSTAR mIBI Stream Health N/A  PA IBI Stream Health Good  # Rare Mussel (HUC8)	Barrier is in EBTJV BKT Catchment N		No	Chesape	Chesapeake Bay Program Stream Health FAIR		
Barrier Blocks a Modeled BKT Catchment (DeWeber) Yes  Native Fish Species Richness (HUC8)  # Rare Fish (HUC8)  MD MBSS Combined IBI Stream Health  N/A  VA INSTAR mIBI Stream Health  FA IBI Stream Health  Good  # Rare Mussel (HUC8)	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)  1  VA INSTAR mIBI Stream Health  N/A  Good	Barrier Blocks an EBTJV Catchment Y		Yes	MD MBS	MD MBSS Fish IBI Stream Health		N/A
# Rare Fish (HUC8) 0 PA IBI Stream Health Good # Rare Mussel (HUC8) 1	Barrier Blocks a Modeled BKT Catchment (DeWeber)		Yes	MD MBS	MD MBSS Combined IBI Stream Health		N/A
# Rare Mussel (HUC8) 1	Native Fish Species Richness (HUC8) 3		31	VA INSTA	VA INSTAR mIBI Stream Health		N/A
	# Rare Fish (HUC8)		0	PA IBI St	ream Health		Good
# Rare Crayfish (HUC8) 0	# Rare Mussel (HUC8)		1				
	# Rare Crayfish (HUC8)		0				

