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

CFPPP Unique ID: PA 11-113 **RESERVOIR NO 5** 

Bay-wide Diadromous Tier 19 20 Bay-wide Resident Tier

Bay-wide Brook Trout Tier 17

NID ID

State ID 11-113

River Name

Latitude

20 Dam Height (ft)

Dam Type Earth 40.4933

Longitude -78.5566

Passage Facilities None Documented

Passage Year N/A

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

Headwaters Clearfield Creek HUC 12

HUC 10 Clearfield Creek

Upper West Branch Susquehann HUC 8

HUC 6 West Branch Susquehanna

HUC 4 Susquehanna







Landcover								
NLCD (2011)		Chesapeake Conservancy (2016)						
% Impervious Surface in Upstream Drainage Area	0.15	% Tree Cover in ARA of Upstream Network	0					
% Natural Cover in Upstream Drainage Area	94.97	% Tree Cover in ARA of Downstream Network	0					
% Forested in Upstream Drainage Area	94.16	% Herbaceaous Cover in ARA of Upstream Network	0					
% Agriculture in Upstream Drainage Area	1.3	% Herbaceaous Cover in ARA of Downstream Network	0					
% Natural Cover in ARA of Upstream Network	0	% Barren Cover in ARA of Upstream Network	0					
% Natural Cover in ARA of Downstream Network	0	% Barren Cover in ARA of Downstream Network	0					
% Forest Cover in ARA of Upstream Network	0	% Road Impervious in ARA of Upstream Network	0					
% Forest Cover in ARA of Downstream Network	0	% Road Impervious in ARA of Downstream Network	0					
% 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					
% Impervious Surf in ARA of Upstream Network	0							
% Impervious Surf in ARA of Downstream Network	0							



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

CFPPP Unique ID: PA\_11-113 RESERVOIR NO 5

Network, System Type and Condition  Functional Upstream Network (mi) 0.48 Upstream Size Class Gain (#) 0  Total Functional Network (mi) 0.78 # Downsteam Natural Barriers 0  Absolute Gain (mi) 0.31 # Downstream Hydropower Dams 4  # Size Classes in Total Network 0 # Downstream Dams with Passage 6  # Upstream Network Size Classes 0 # of Downstream Barriers 11  NFHAP Cumulative Disturbance Index Very High  Dam is on Conserved Land No  % Conserved Land in 100m Buffer of Upstream Network 0  % Conserved Land in 100m Buffer of Downstream Network 0  Density 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  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) Nownstream Network Watershed (#/m2) Nownstream Netwo	CFPPP Offique ID: PA_II-II3	KESEKVUIK NU S	<b>&gt;</b>					
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Absolute Gain (mi) 0.31 # Downstream Hydropower Dams 4 # Size Classes in Total Network 0 # Downstream Dams with Passage 6 # Upstream Network Size Classes 0 # of Downstream Barriers 11  NFHAP Cumulative Disturbance Index Very High  Dam is on Conserved Land No % Conserved Land in 100m Buffer of Upstream Network 0 % Conserved Land in 100m Buffer of Downstream Network 0 Density of Crossings in Upstream Network Watershed (#/m2) 0 Density of Crossings in Downstream Network Watershed (#/m2) 0 Density of Off-channel dams in Upstream Network Watershed (#/m2) 0 Density of off-channel dams in Downstream Network Watershed (#/m2) 0 Density of off-channel dams in Downstream Network Watershed (#/m2) 0 Density of off-channel dams in Downstream Network Watershed (#/m2) 0 Density of off-channel dams in Downstream Network Watershed (#/m2) 0 Density of off-channel dams in Downstream Network Watershed (#/m2) 0 Density of off-channel dams in Downstream Network Watershed (#/m2) 0 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 Downstre	Functional Upstream Network	(mi) 0.48		Upstre	eam Size Class Gain (#	÷)	0	
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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  © Conserved Land in 100m Buffer of Downstream Network  © 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  None Documented  Downstream Striped Bass  None Documentee  Downstream American Shad  None Documented  Downstream Analorican 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  Presence in EBTJV BKT Catchment  Yes  Chesapeake Bay Program Stream Health  N/A  Barrier Is in Modeled BKT Catchment (DeWeber)  Yes  MD MBSS Benthic IBI Stream Health  N/A  MD MBSS Fish IBI Stream Health  N/A  Notive Fish Species Richness (HUC8)  29  VA INSTAR mIBI Stream Health  N/A	# Size Classes in Total Network	0		# Dow	nstream Dams with F	assage	6	
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  % Conserved Land in 100m Buffer of Downstream Network  % Conserved Land in 100m Buffer of Downstream Network  % Conserved Land in 100m Buffer of Downstream Network  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  Diadromous Fish  Downstream Alewife  None Documented  Downstream Striped Bass  None Documentee  Downstream American Shad  None Documented  Downstream Anathric 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  Presence of 1 or Modeled BKT Catchment  Yes  Barrier is in Modeled BKT Catchment (DeWeber)  Yes  MD MBSS Benthic IBI Stream Health  N/A  Barrier Blocks an EBTJV Catchment  No  MD MBSS Combined IBI Stream Health  N/A  Notive Fish Species Richness (HUC8)  29  VA INSTAR mIBI Stream Health  N/A	# Upstream Network Size Class	ses 0		# of D	ownstream Barriers		11	
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Density of off-channel dams in Downstream Network Watershed (#/m2)  Diadromous Fish  Downstream Alewife  None Documented  Downstream Striped Bass  None Documented  Downstream Atlantic Sturgeon  None Documented  Downstream Shortnose Sturgeon  None Documented  Downstream American Shad  None Documented  Downstream American Eel  Current  Presence of 1 or More Downstream Anadromous Species  # Diadromous Species Downstream (incl eel)  Resident Fish  Stream Health  Barrier is in EBTJV BKT Catchment  Yes  Chesapeake Bay Program Stream Health  N/A  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)  29  VA INSTAR mIBI Stream Health  N/A	Density of Crossings in Downstr	ream Network Watersh	hed (#,	/m2)	0			
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# 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 Fish IBI Stream Health  N/A  MD MBSS Combined IBI Stream Health  N/A  NA  NA  NA  NA  NA  NA  NA  NA  N	Downstream Hickory Shad	None Documented		Downstream	American Eel	Current		
Resident Fish  Barrier is in EBTJV BKT Catchment  Yes  Chesapeake Bay Program Stream Health  POOR  Barrier is in Modeled BKT Catchment (DeWeber)  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)  VA INSTAR mIBI Stream Health  N/A	Presence of 1 or More Downst	ream Anadromous Spe	ecies	None Docume	e			
Barrier is in EBTJV BKT Catchment  Yes  Chesapeake Bay Program Stream Health  N/A  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)  VA INSTAR mIBI Stream Health  N/A	# Diadromous Species Downsti	ream (incl eel)		1				
Barrier is in EBTJV BKT Catchment  Yes  Chesapeake Bay Program Stream Health  N/A  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  NA  Native Fish Species Richness (HUC8)  Yes  MD MBSS Benthic IBI Stream Health  N/A  MD MBSS Combined IBI Stream Health  N/A  VA INSTAR mIBI Stream Health  N/A								
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 Combined IBI Stream Health  N/A  Native Fish Species Richness (HUC8)  Yes  MD MBSS Benthic IBI Stream Health  N/A  MD MBSS Combined IBI Stream Health  N/A  VA INSTAR mIBI Stream Health  N/A	Barrier is in EBTJV BKT Catchment							
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Native Fish Species Richness (HUC8)  29  VA INSTAR mIBI Stream Health  N/A				MD MB	SS Fish IBI Stream He	alth	N/A	
	Barrier Blocks a Modeled BKT (	Catchment (DeWeber)	No	MD MB	SS Combined IBI Stream	am Health	N/A	
# Rare Fish (HUC8) 1 PA IBI Stream Health Poor	Native Fish Species Richness (H	lUC8)	29	VA INST	AR mIBI Stream Heal	th	N/A	
	# Rare Fish (HUC8)		1	PA IBI S	tream Health		Poor	
# Rare Mussel (HUC8) 1	# Rare Mussel (HUC8)		1					
# Rare Crayfish (HUC8) 0	# Rare Crayfish (HUC8)		0					

