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

	Chicoapeane Hon Face
CFPPP Unique ID:	VA_752 GATHRIGHTS DA
Diadromous Tier	6
Brook Trout Tier	N/A
Resident Tier	4
NID ID	VA07520
State ID	752
River Name	
Dam Height (ft)	20
Dam Type	Earth
Latitude	37.6855
Longitude	-77.8907
Passage Facilities	None Documented
Passage Year	N/A
Size Class	1a: Headwater (0 - 3.861 sq mi)
HUC 12	Mohawk Creek-James River
HUC 10	Lickinghole Creek-James River
HUC 8	Middle James-Willis
HUC 6	James
HUC 4	Lower Chesapeake



	Land	cover				
NLCD (2011)		Chesapeake Conservancy (2016)				
% Impervious Surface in Upstream Drainage Area	11.91	% Tree Cover in ARA of Upstream Network	72.64			
% Natural Cover in Upstream Drainage Area	53.45	% Tree Cover in ARA of Downstream Network	79.1			
% Forested in Upstream Drainage Area	49.01	% Herbaceaous Cover in ARA of Upstream Network	3.62			
% Agriculture in Upstream Drainage Area	8.87	% Herbaceaous Cover in ARA of Downstream Network	15.73			
% Natural Cover in ARA of Upstream Network	91.3	% Barren Cover in ARA of Upstream Network	0			
% Natural Cover in ARA of Downstream Network	79.33	% Barren Cover in ARA of Downstream Network	0.1			
% Forest Cover in ARA of Upstream Network	76.09	% Road Impervious in ARA of Upstream Network	3.14			
% Forest Cover in ARA of Downstream Network	65.28	% Road Impervious in ARA of Downstream Network	0.6			
% Agricultral Cover in ARA of Upstream Network	0	% Other Impervious in ARA of Upstream Network	1.63			
% Agricultral Cover in ARA of Downstream Network	16.03	% Other Impervious in ARA of Downstream Network	0.78			
% Impervious Surf in ARA of Upstream Network	0.25					
% Impervious Surf in ARA of Downstream Network	0.71					



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CFPPP Unique ID: VA\_752 GATHRIGHTS DAM

	Network, S	ystem	Type ar	nd Conditio	on		
Functional Upstream Network	(mi) 0.7			Upstream	Size Class Gain (	(#)	0
Total Functional Network (mi)	5431.72			# Downst	eam Natural Bar	riers	0
Absolute Gain (mi) 0.7			# Downstream Hydropower Dams			2	
# Size Classes in Total Network 6			# Downstream Dams with Passage			4	
# Upstream Network Size Class	ses 1			# of Dowr	nstream Barriers		4
NFHAP Cumulative Disturbance	e Index			V	ery High		
Dam is on Conserved Land				N	No		
% Conserved Land in 100m But	ffer of Upstream Netw	ork		O	)		
% Conserved Land in 100m But	ffer of Downstream Ne	etwork	<	1	.1.23		
Density of Crossings in Upstrea	am Network Watershed	d (#/m	n2)	O	).67		
Density of Crossings in Downst	ream Network Waters	hed (#	#/m2)	C	).84		
Density of off-channel dams in	Upstream Network W	atersh	ned (#/n	n2) 0	)		
Density of off-channel dams in	Downstream Network	Wate	ershed (	#/m2) 0	)		
		Diadro	omous F	·· . I.			
		Diadio	51110451	-ISN			
Downstream Alewife	Potential Current	Diadio		-ısn stream Stri	ped Bass	None Doo	umented
Downstream Alewife Downstream Blueback	Potential Current Potential Current		Downs	stream Stri	ped Bass antic Sturgeon	None Doo	
		Diddio	Downs	stream Stri stream Atla		None Doo	umented
Downstream Blueback	Potential Current	Diddio	Downs Downs Downs	stream Stri stream Atla	antic Sturgeon ortnose Sturgeon	None Doo	umented
Downstream Blueback  Downstream American Shad	Potential Current  None Documented  None Documented		Downs Downs Downs	stream Stri stream Atla stream Sho	antic Sturgeon ortnose Sturgeon	None Doo	umented
Downstream Blueback  Downstream American Shad  Downstream Hickory Shad	Potential Current  None Documented  None Documented  tream Anadromous Spe		Downs Downs Downs	stream Stri stream Atla stream Sho stream Am	antic Sturgeon ortnose Sturgeon	None Doo	umented
Downstream Blueback Downstream American Shad Downstream Hickory Shad Presence of 1 or More Downst	Potential Current  None Documented  None Documented  tream Anadromous Specification (incl eel)		Downs Downs Downs Potent	stream Stri stream Atla stream Sho stream Am	antic Sturgeon ortnose Sturgeon erican Eel	None Doo	umented
Downstream Blueback  Downstream American Shad  Downstream Hickory Shad  Presence of 1 or More Downst  # Diadromous Species Downst	Potential Current  None Documented  None Documented  tream Anadromous Specificam (incl eel)		Downs Downs Downs Potent 1	stream Stri stream Atla stream Sho stream Am tial Curre	antic Sturgeon ortnose Sturgeon erican Eel	None Doo None Doo Current am Health	umented umented
Downstream Blueback  Downstream American Shad  Downstream Hickory Shad  Presence of 1 or More Downst  # Diadromous Species Downst  Resider	Potential Current  None Documented  None Documented  tream Anadromous Specificam (incl eel)  Int Fish Bent	ecies	Downs Downs Downs Potent 1	stream Stri stream Atla stream Sho stream Am tial Curre	entic Sturgeon ortnose Sturgeon erican Eel Stre	None Doo None Doo Current am Health tream Health	umented umented
Downstream Blueback  Downstream American Shad  Downstream Hickory Shad  Presence of 1 or More Downst  # Diadromous Species Downst  Resider  Barrier is in EBTJV BKT Catchm	Potential Current  None Documented  None Documented  tream Anadromous Spectream (incl eel)  ont Fish eent  chment (DeWeber)	ecies	Downs Downs Downs Potent 1	stream Stri stream Atla stream Sho stream Am tial Curre Chesapeak	entic Sturgeon ortnose Sturgeon erican Eel Stre e Bay Program St	None Doo None Doo Current am Health tream Health m Health	tumented tumented
Downstream Blueback  Downstream American Shad  Downstream Hickory Shad  Presence of 1 or More Downst  # Diadromous Species Downst  Resider  Barrier is in EBTJV BKT Catchm  Barrier is in Modeled BKT Catc	Potential Current  None Documented  None Documented  tream Anadromous Specification (incl eel)  Int Fish Bent  Chment (DeWeber)  ment	ecies No No Yes	Downs Downs Downs Potent 1	stream Stri stream Atla stream Sho stream Am tial Curre Chesapeak MD MBSS E	santic Sturgeon ortnose Sturgeon erican Eel Stre e Bay Program St Benthic IBI Stream	None Doo None Doo Current am Health tream Health m Health ealth	tumented tumented
Downstream Blueback  Downstream American Shad  Downstream Hickory Shad  Presence of 1 or More Downst  # Diadromous Species Downst  Resider  Barrier is in EBTJV BKT Catchm  Barrier is in Modeled BKT Catch  Barrier Blocks an EBTJV Catchr	Potential Current  None Documented  None Documented  tream Anadromous Specification (incl eel)  Int Fish Bent Chment (DeWeber)  ment  Catchment (DeWeber)	ecies No No Yes	Downs Downs Downs Potent 1	stream Stri stream Atla stream Sho stream Am tial Curre Chesapeak MD MBSS E MD MBSS E	Stree Bay Program Stantic IBI Stream H	None Doo None Doo Current am Health tream Health m Health ealth	rumented rumented n FAIR N/A N/A
Downstream Blueback  Downstream American Shad  Downstream Hickory Shad  Presence of 1 or More Downst  # Diadromous Species Downst  Resider  Barrier is in EBTJV BKT Catchm  Barrier is in Modeled BKT Catch  Barrier Blocks an EBTJV Catchr  Barrier Blocks a Modeled BKT	Potential Current  None Documented  None Documented  tream Anadromous Specification (incl eel)  Int Fish Bent Chment (DeWeber)  ment  Catchment (DeWeber)	No No No Yes	Downs Downs Downs Potent 1	stream Stri stream Atla stream Sho stream Am tial Curre Chesapeak MD MBSS E MD MBSS E	Stree Bay Program Stantic IBI Stream Head	None Doo None Doo Current am Health tream Health m Health ealth	rumented rumented n FAIR N/A N/A N/A
Downstream Blueback  Downstream American Shad  Downstream Hickory Shad  Presence of 1 or More Downst  # Diadromous Species Downst  Resider  Barrier is in EBTJV BKT Catchm  Barrier is in Modeled BKT Catc  Barrier Blocks an EBTJV Catchr  Barrier Blocks a Modeled BKT (Auto)	Potential Current  None Documented  None Documented  tream Anadromous Specification (incl eel)  Int Fish Bent Chment (DeWeber)  ment  Catchment (DeWeber)	No No Yes No 51	Downs Downs Downs Potent 1	stream Stri stream Atla stream Sho stream Am tial Curre Chesapeak MD MBSS E MD MBSS E MD MBSS E	Stree Bay Program Stantic IBI Stream Head	None Doo None Doo Current am Health tream Health m Health ealth	rumented rumented n FAIR N/A N/A N/A Very High

