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

CFPPP Unique ID: PA\_PA00240 THOMAS W. KOON

Bay-wide Diadromous Tier 17
Bay-wide Resident Tier 7

Bay-wide Brook Trout Tier N/A

NID ID PA00240
State ID PA00240
River Name Evitts Creek

Dam Height (ft) 92

Dam Type Gravity
Latitude 39.7638

Longitude -78.6646

Passage Facilities None Documented

Passage Year N/A

Size Class 2: Small River (38.61 - 200 sq mi

HUC 12 Upper Evitts Creek

HUC 10 Evitts Creek

HUC 8 North Branch Potomac

HUC 6 Potomac HUC 4 Potomac







	Land	lcover	
NLCD (2011)		Chesapeake Conservancy (2016)	
% Impervious Surface in Upstream Drainage Area	0.48	% Tree Cover in ARA of Upstream Network	69.17
% Natural Cover in Upstream Drainage Area	80.7	% Tree Cover in ARA of Downstream Network	62.95
% Forested in Upstream Drainage Area	79.57	% Herbaceaous Cover in ARA of Upstream Network	25.21
% Agriculture in Upstream Drainage Area	13.78	% Herbaceaous Cover in ARA of Downstream Network	23.51
% Natural Cover in ARA of Upstream Network	72.2	% Barren Cover in ARA of Upstream Network	0.13
% Natural Cover in ARA of Downstream Network	71.12	% Barren Cover in ARA of Downstream Network	0.18
% Forest Cover in ARA of Upstream Network	67.98	% Road Impervious in ARA of Upstream Network	0.87
% Forest Cover in ARA of Downstream Network	56.34	% Road Impervious in ARA of Downstream Network	0.87
% Agricultral Cover in ARA of Upstream Network	18.16	% Other Impervious in ARA of Upstream Network	0.61
% Agricultral Cover in ARA of Downstream Network	14.82	% Other Impervious in ARA of Downstream Network	0.62
% Impervious Surf in ARA of Upstream Network	0.93		
% Impervious Surf in ARA of Downstream Network	1.13		



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

CFPPP Unique ID: PA\_PA00240 THOMAS W. KOON

	Network, S	ystem	Type a	nd Condit	tion		
Functional Upstream Network	(mi) 112.44			Upstrea	m Size Class G	ain (#)	0
Total Functional Network (mi)	130.63			# Down	steam Natural	Barriers	1
Absolute Gain (mi)	18.19			# Down	stream Hydrop	ower Dams	2
# Size Classes in Total Network	3			# Down	stream Dams v	vith Passage	1
# Upstream Network Size Clas	ses 3			# of Dov	wnstream Barr	iers	7
NFHAP Cumulative Disturband	e Index				Not Scored / U	Jnavailable	at this scale
Dam is on Conserved Land					No		
% Conserved Land in 100m Bu	ffer of Upstream Netw	ork			10.24		
% Conserved Land in 100m Buffer of Downstream Network			(		17.4		
Density of Crossings in Upstrea	am Network Watershe	d (#/m	12)		1.82		
Density of Crossings in Downs	tream Network Waters	shed (#	‡/m2)		1.44		
Density of off-channel dams ir	u Upstream Network W	atersh'	ned (#/r	m2)	0		
Density of off-channel dams ir	n Downstream Network	k Wate	ershed (	(#/m2)	0		
		Diadro	omous F	Fish			
Downstream Alewife	None Documented	Diadro			riped Bass	None	Documented
Downstream Alewife  Downstream Blueback		Diadro	Down	stream St	riped Bass tlantic Sturgeo		Documented Documented
	None Documented	Diadro	Down	stream St		n <b>None</b>	
Downstream Blueback	None Documented  None Documented	Diadro	Down Down Down	istream St istream Af	tlantic Sturgeo	n None	Documented
Downstream Blueback  Downstream American Shad	None Documented None Documented None Documented None Documented		Down Down Down Down	istream St istream Af	tlantic Sturgeo	n None	Documented Documented
Downstream Blueback  Downstream American Shad  Downstream Hickory Shad	None Documented None Documented None Documented None Documented tream Anadromous Spe		Down Down Down Down	stream St stream Af stream Sh stream A	tlantic Sturgeo	n None	Documented Documented
Downstream Blueback  Downstream American Shad  Downstream Hickory Shad  Presence of 1 or More Downs  # Diadromous Species Downs	None Documented None Documented None Documented None Documented tream Anadromous Spe		Down Down Down Down None	stream St stream Af stream Sh stream A	tlantic Sturgeo nortnose Sturg merican Eel	n None	Documented Documented Documented
Downstream Blueback  Downstream American Shad  Downstream Hickory Shad  Presence of 1 or More Downs  # Diadromous Species Downs	None Documented None Documented None Documented None Documented tream Anadromous Spetream (incl eel)		Down Down Down None 0	astream St astream Af astream Af astream Af Docume	tlantic Sturgeo nortnose Sturg merican Eel	n None eon None None Stream Heal	Documented Documented Documented
Downstream Blueback  Downstream American Shad  Downstream Hickory Shad  Presence of 1 or More Downs  # Diadromous Species Downs  Reside	None Documented None Documented None Documented None Documented tream Anadromous Spetream (incl eel)  nt Fish nent	ecies	Down Down Down None 0	stream St stream Sh stream An Docume	tlantic Sturgeo nortnose Sturg merican Eel	n None eon None None Stream Heal m Stream He	Documented Documented Documented
Downstream Blueback  Downstream American Shad  Downstream Hickory Shad  Presence of 1 or More Downs  # Diadromous Species Downs  Reside  Barrier is in EBTJV BKT Catchn	None Documented None Documented None Documented None Documented tream Anadromous Spettream (incl eel) nt Fish nent chment (DeWeber)	ecies	Down Down Down None 0	stream Statream And Stream And Docume  Chesapea	tlantic Sturgeo nortnose Sturg merican Eel Sike Bay Prograi	n None eon None None Stream Heal m Stream Health	Documented Documented Documented
Downstream Blueback  Downstream American Shad  Downstream Hickory Shad  Presence of 1 or More Downs  # Diadromous Species Downs  Reside  Barrier is in EBTJV BKT Catchm  Barrier is in Modeled BKT Catch	None Documented None Documented None Documented None Documented tream Anadromous Spettream (incl eel)  Int Fish Inent Chment (DeWeber) Internation of the company of the co	ecies No No No	Down Down Down None 0	stream Statream And Stream And Stream And Massam MD MB MD Massam MD MB MD MB MD	tlantic Sturgeo nortnose Sturg merican Eel ske Bay Prograi	n None eon None None Stream Heal m Stream Health m Health	Documented Documented  Documented  th  ealth POOR  Poor  Poor
Downstream Blueback  Downstream American Shad  Downstream Hickory Shad  Presence of 1 or More Downs  # Diadromous Species Downs  Reside  Barrier is in EBTJV BKT Catchm  Barrier is in Modeled BKT Catch  Barrier Blocks an EBTJV Catch	None Documented None Documented None Documented None Documented tream Anadromous Spettream (incl eel)  Int Fish Inent Chment (DeWeber) Internation (DeWeber)	ecies No No No	Down Down Down None 0	stream Statream And Stream And Mass MD	tlantic Sturgeo nortnose Sturg merican Eel sike Bay Prograi & Benthic IBI St	n None eon None None Stream Heal m Stream Health m Health m Health	Documented Documented  Documented  th  ealth POOR  Poor  Poor
Downstream Blueback  Downstream American Shad  Downstream Hickory Shad  Presence of 1 or More Downs  # Diadromous Species Downs  Reside  Barrier is in EBTJV BKT Catchm  Barrier is in Modeled BKT Catch  Barrier Blocks an EBTJV Catch  Barrier Blocks a Modeled BKT	None Documented None Documented None Documented None Documented tream Anadromous Spettream (incl eel)  Int Fish Inent Chment (DeWeber) Internation (DeWeber)	No No No No	Down Down Down None 0	stream Statream And Stream And Mass MD Mass MD Mass VA INSTA	tlantic Sturgeo nortnose Sturg merican Eel ske Bay Prograi & Benthic IBI St & Fish IBI Stream	n None eon None None Stream Heal m Stream Health m Health m Health	Documented Documented  Documented  th  ealth POOR  Poor  Poor  Alth Poor
Downstream Blueback  Downstream American Shad  Downstream Hickory Shad  Presence of 1 or More Downs  # Diadromous Species Downs  Reside  Barrier is in EBTJV BKT Catchn  Barrier is in Modeled BKT Catch  Barrier Blocks an EBTJV Catch  Barrier Blocks a Modeled BKT  Native Fish Species Richness (	None Documented None Documented None Documented None Documented tream Anadromous Spettream (incl eel)  Int Fish Inent Chment (DeWeber) Internation (DeWeber)	No No No No No 36	Down Down Down None 0	stream Statream And Stream And Mass MD Mass MD Mass VA INSTA	tlantic Sturgeo nortnose Sturg merican Eel ske Bay Prograi S Benthic IBI St S Fish IBI Stream S Combined IBI R mIBI Stream	n None eon None None Stream Heal m Stream Health m Health m Health	Documented Documented Documented  th ealth POOR Poor Poor N/A

