Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: **CFPPP_1093**   unknown

Bay-wide Diadromous Tier	18
Bay-wide Resident Tier	19
Bay-wide Brook Trout Tier	20
NID ID	
State ID	
River Name	
Dam Height (ft)	0
Dam Type	
Latitude	41.7021
Longitude	-75.7118
Passage Facilities	None Documented
Passage Year	N/A
Size Class	1a: Headwater (0 - 3.861 sq mi)
HUC 12	Middle Tunkhannock Creek
HUC 10	Tunkhannock Creek
HUC 8	Upper Susquehanna-Tunkhanno
HUC 6	Upper Susquehanna
HUC 4	Susquehanna

Landcover

NLCD (2011)		Chesapeake Conservancy (2016)	
% Impervious Surface in Upstream Drainage Area	0	% Tree Cover in ARA of Upstream Network	50.82
% Natural Cover in Upstream Drainage Area	13.76	% Tree Cover in ARA of Downstream Network	34.11
% Forested in Upstream Drainage Area	5.5	% Herbaceaous Cover in ARA of Upstream Network	26.75
% Agriculture in Upstream Drainage Area	86.24	% Herbaceaous Cover in ARA of Downstream Network	35.84
% Natural Cover in ARA of Upstream Network	23.68	% Barren Cover in ARA of Upstream Network	0
% Natural Cover in ARA of Downstream Network	31.91	% Barren Cover in ARA of Downstream Network	0
% Forest Cover in ARA of Upstream Network	2.63	% Road Impervious in ARA of Upstream Network	0
% Forest Cover in ARA of Downstream Network	14.89	% Road Impervious in ARA of Downstream Network	0
% Agricultral Cover in ARA of Upstream Network	76.32	% Other Impervious in ARA of Upstream Network	0
% Agricultral Cover in ARA of Downstream Network	68.09	% Other Impervious in ARA of Downstream Network	0.09
% Impervious Surf in ARA of Upstream Network	0		
% Impervious Surf in ARA of Downstream Network	0		

Metric descriptions can be found at:

http://52.53.143.233/chesapeake-dev/plugins/barrier-prioritization-proto2/images/Metric_Glossary.pdf

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Network, System Type and Condition

Functional Upstream Network (mi)	0.07		Upstream Size Class Gain (#)	0
Total Functional Network (mi)	0.21		# Downsteam Natural Barriers	0
Absolute Gain (mi)	0.07		# Downstream Hydropower Dams	4
# Size Classes in Total Network	0		# Downstream Dams with Passage	5
# Upstream Network Size Classes	0		# of Downstream Barriers	7

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

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
One or More DS Anadromous Species	None Docume	# Diadromous Sp Dnstrm (incl eel)	1

Resident Fish and Rare Species

		Stream Health	
Barrier is in EBTJV BKT Catchment	Yes	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	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)	34	VA INSTAR mIBI Stream Health	N/A
# Rare Fish (HUC8)	1	PA IBI Stream Health	Good
# Rare Mussel (HUC8)	2		
# Rare Crayfish (HUC8)	0		
Globally rare or fed listed fish/mussel sp HUC12	No	Rare fish or mussel sp in HUC12	No
Globally rare or fed listed fish/mussel sp in upstream or downstream functional network	No	Rare fish or mussel in upstream or downstream functional network	No

Metric descriptions can be found at:

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