Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: **CFPPP_761**   unknown

Bay-wide Diadromous Tier	14
Bay-wide Resident Tier	6
Bay-wide Brook Trout Tier	N/A
NID ID	
State ID	
River Name	
Dam Height (ft)	0
Dam Type	
Latitude	37.8102
Longitude	-80.0052
Passage Facilities	None Documented
Passage Year	N/A
Size Class	1a: Headwater (0 - 3.861 sq mi)
HUC 12	Indian Draft-Jackson River
HUC 10	Lower Jackson River
HUC 8	Upper James
HUC 6	James
HUC 4	Lower Chesapeake

No Photo Available

No Photo Available

No Photo Available

No Photo Available

Landcover

NLCD (2011)		Chesapeake Conservancy (2016)	
% Impervious Surface in Upstream Drainage Area	4.36	% Tree Cover in ARA of Upstream Network	81.02
% Natural Cover in Upstream Drainage Area	85.55	% Tree Cover in ARA of Downstream Network	81.79
% Forested in Upstream Drainage Area	59.35	% Herbaceaous Cover in ARA of Upstream Network	4.96
% Agriculture in Upstream Drainage Area	0	% Herbaceaous Cover in ARA of Downstream Network	13.84
% Natural Cover in ARA of Upstream Network	71.05	% Barren Cover in ARA of Upstream Network	2.03
% Natural Cover in ARA of Downstream Network	81.99	% Barren Cover in ARA of Downstream Network	0.4
% Forest Cover in ARA of Upstream Network	44.21	% Road Impervious in ARA of Upstream Network	0
% Forest Cover in ARA of Downstream Network	79.43	% Road Impervious in ARA of Downstream Network	0.99
% Agricultral Cover in ARA of Upstream Network	0	% Other Impervious in ARA of Upstream Network	7.23
% Agricultral Cover in ARA of Downstream Network	8.81	% Other Impervious in ARA of Downstream Network	1.36
% Impervious Surf in ARA of Upstream Network	8.1		
% Impervious Surf in ARA of Downstream Network	1.84		

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)	0.98	Upstream Size Class Gain (#)	0
Total Functional Network (mi)	231.08	# Downsteam Natural Barriers	0
Absolute Gain (mi)	0.98	# Downstream Hydropower Dams	8
# Size Classes in Total Network	3	# Downstream Dams with Passage	4
# Upstream Network Size Classes	1	# of Downstream Barriers	12

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	37.34
Density of Crossings in Upstream Network Watershed (#/m2)	1.2
Density of Crossings in Downstream Network Watershed (#/m2)	1.8
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	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	None Documented
One or More DS Anadromous Species	Historical	# Diadromous Sp Dnstrm (incl eel)	0

Resident Fish and Rare Species

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)	47	VA INSTAR mIBI Stream Health	Very High
# Rare Fish (HUC8)	2	PA IBI Stream Health	N/A
# Rare Mussel (HUC8)	6		
# 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

Stream Health

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