Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: **CFPPP_193**   unknown

Bay-wide Diadromous Tier	8	
Bay-wide Resident Tier	7	
Bay-wide Brook Trout Tier	N/A	
NID ID		
State ID		
River Name		
Dam Height (ft)	0	
Dam Type		
Latitude	37.4584	
Longitude	-77.2474	
Passage Facilities	None Documented	
Passage Year	N/A	
Size Class	1a: Headwater (0 - 3.861 sq mi)	
HUC 12	White Oak Swamp	
HUC 10	Middle Chickahominy River	
HUC 8	Lower James	
HUC 6	James	
HUC 4	Lower Chesapeake	

Landcover

NLCD (2011)		Chesapeake Conservancy (2016)	
% Impervious Surface in Upstream Drainage Area	0.08	% Tree Cover in ARA of Upstream Network	78.84
% Natural Cover in Upstream Drainage Area	86.23	% Tree Cover in ARA of Downstream Network	56.89
% Forested in Upstream Drainage Area	63.36	% Herbaceaous Cover in ARA of Upstream Network	15.45
% Agriculture in Upstream Drainage Area	11.63	% Herbaceaous Cover in ARA of Downstream Network	15.23
% Natural Cover in ARA of Upstream Network	91.09	% Barren Cover in ARA of Upstream Network	0
% Natural Cover in ARA of Downstream Network	87.76	% Barren Cover in ARA of Downstream Network	0
% Forest Cover in ARA of Upstream Network	63.61	% Road Impervious in ARA of Upstream Network	0.08
% Forest Cover in ARA of Downstream Network	37.01	% Road Impervious in ARA of Downstream Network	1.44
% Agricultral Cover in ARA of Upstream Network	8.57	% Other Impervious in ARA of Upstream Network	1.41
% Agricultral Cover in ARA of Downstream Network	8.96	% Other Impervious in ARA of Downstream Network	1.71
% Impervious Surf in ARA of Upstream Network	0.01		
% Impervious Surf in ARA of Downstream Network	0.18		

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)	1.69	Upstream Size Class Gain (#)	0
Total Functional Network (mi)	2.79	# Downsteam Natural Barriers	0
Absolute Gain (mi)	1.09	# Downstream Hydropower Dams	0
# Size Classes in Total Network	1	# Downstream Dams with Passage	1
# Upstream Network Size Classes	1	# of Downstream Barriers	2
NFHAP Cumulative Disturbance Index		Not Scored / Unavailable at this scale	
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)		1.12	
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
Presence of 1 or More Downstream Anadromous Species	Historical		
# Diadromous Species Downstream (incl eel)	0		

Resident Fish

Barrier is in EBTJV BKT Catchment	No
Barrier is in Modeled BKT Catchment (DeWeber)	No
Barrier Blocks an EBTJV Catchment	No
Barrier Blocks a Modeled BKT Catchment (DeWeber)	No
Native Fish Species Richness (HUC8)	62
# Rare Fish (HUC8)	2
# Rare Mussel (HUC8)	1
# Rare Crayfish (HUC8)	0

Stream Health

Chesapeake Bay Program Stream Health	FAIR
MD MBSS Benthic IBI Stream Health	N/A
MD MBSS Fish IBI Stream Health	N/A
MD MBSS Combined IBI Stream Health	N/A
VA INSTAR mIBI Stream Health	Very High
PA IBI Stream Health	N/A

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