

## Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: **CFPPP\_263**      **unknown**

Bay-wide Diadromous Tier      3  
 Bay-wide Resident Tier      10  
 Bay-wide Brook Trout Tier      N/A  
 NID ID  
 State ID  
 River Name  
 Dam Height (ft)      0  
 Dam Type  
 Latitude      38.4952  
 Longitude      -77.6905  
 Passage Facilities      None Documented  
 Passage Year      N/A  
 Size Class      1a: Headwater (0 - 3.861 sq mi)  
 HUC 12      Rock Run-Rappahannock River  
 HUC 10      Marsh Run-Rappahannock River  
 HUC 8      Rapidan-Upper Rappahannock  
 HUC 6      Lower Chesapeake  
 HUC 4      Lower Chesapeake



### Landcover

NLCD (2011)		Chesapeake Conservancy (2016)	
% Impervious Surface in Upstream Drainage Area	2.32	% Tree Cover in ARA of Upstream Network	70.4
% Natural Cover in Upstream Drainage Area	55.66	% Tree Cover in ARA of Downstream Network	62.07
% Forested in Upstream Drainage Area	47.77	% Herbaceous Cover in ARA of Upstream Network	13.37
% Agriculture in Upstream Drainage Area	19.31	% Herbaceous Cover in ARA of Downstream Network	28.22
% Natural Cover in ARA of Upstream Network	67.75	% Barren Cover in ARA of Upstream Network	0
% Natural Cover in ARA of Downstream Network	61.15	% Barren Cover in ARA of Downstream Network	0.27
% Forest Cover in ARA of Upstream Network	48.91	% Road Impervious in ARA of Upstream Network	3.91
% Forest Cover in ARA of Downstream Network	38.92	% Road Impervious in ARA of Downstream Network	0.91
% Agricultural Cover in ARA of Upstream Network	10.87	% Other Impervious in ARA of Upstream Network	1.67
% Agricultural Cover in ARA of Downstream Network	32.21	% Other Impervious in ARA of Downstream Network	1.01
% Impervious Surf in ARA of Upstream Network	3.35		
% Impervious Surf in ARA of Downstream Network	1.05		

Metric descriptions can be found at:

[http://52.53.143.233/chesapeake-dev/plugins/barrier-prioritization-proto2/images/Metric\\_Glossary.pdf](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)	0.52	Upstream Size Class Gain (#)	0
Total Functional Network (mi)	3329.54	# Downsteam Natural Barriers	0
Absolute Gain (mi)	0.52	# Downstream Hydropower Dams	0
# Size Classes in Total Network	5	# Downstream Dams with Passage	0
# Upstream Network Size Classes	1	# of Downstream Barriers	0
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		20.81	
Density of Crossings in Upstream Network Watershed (#/m2)		3.17	
Density of Crossings in Downstream Network Watershed (#/m2)		0.91	
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	Current	Downstream Striped Bass	None Documented
Downstream Blueback	Current	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	Current	# Diadromous Sp Dnstrm (incl eel)	3
Resident Fish and Rare Species		Stream Health	
Barrier is in EBTJV BKT Catchment	No	Chesapeake Bay Program Stream Health	GOOD
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)	No	MD MBSS Combined IBI Stream Health	N/A
Native Fish Species Richness (HUC8)	38	VA INSTAR mIBI Stream Health	Moderate
# Rare Fish (HUC8)	0	PA IBI Stream Health	N/A
# Rare Mussel (HUC8)	4		
# 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	Yes

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