

Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: **CFPPP_103** **unknown**

Bay-wide Diadromous Tier 4
 Bay-wide Resident Tier 8
 Bay-wide Brook Trout Tier N/A
 NID ID
 State ID
 River Name South Fork Little Difficult Run
 Dam Height (ft) 0
 Dam Type
 Latitude 38.9056
 Longitude -77.3433
 Passage Facilities None Documented
 Passage Year N/A
 Size Class 1a: Headwater (0 - 3.861 sq mi)
 HUC 12 Difficult Run
 HUC 10 Difficult Run-Potomac River
 HUC 8 Middle Potomac-Catoctin
 HUC 6 Potomac
 HUC 4 Potomac



Landcover

NLCD (2011)		Chesapeake Conservancy (2016)	
% Impervious Surface in Upstream Drainage Area	4.61	% Tree Cover in ARA of Upstream Network	78.97
% Natural Cover in Upstream Drainage Area	56.09	% Tree Cover in ARA of Downstream Network	72.74
% Forested in Upstream Drainage Area	51.06	% Herbaceous Cover in ARA of Upstream Network	13.56
% Agriculture in Upstream Drainage Area	0.35	% Herbaceous Cover in ARA of Downstream Network	11.29
% Natural Cover in ARA of Upstream Network	76.69	% Barren Cover in ARA of Upstream Network	0
% Natural Cover in ARA of Downstream Network	68.27	% Barren Cover in ARA of Downstream Network	0.41
% Forest Cover in ARA of Upstream Network	56.37	% Road Impervious in ARA of Upstream Network	1.63
% Forest Cover in ARA of Downstream Network	49.17	% Road Impervious in ARA of Downstream Network	3.9
% Agricultural Cover in ARA of Upstream Network	0	% Other Impervious in ARA of Upstream Network	4.2
% Agricultural Cover in ARA of Downstream Network	0.92	% Other Impervious in ARA of Downstream Network	5.16
% Impervious Surf in ARA of Upstream Network	2.21		
% Impervious Surf in ARA of Downstream Network	6.38		

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)	4.42	Upstream Size Class Gain (#)	0
Total Functional Network (mi)	171.91	# Downstream Natural Barriers	0
Absolute Gain (mi)	4.42	# Downstream Hydropower Dams	0
# Size Classes in Total Network	4	# Downstream Dams with Passage	1
# Upstream Network Size Classes	1	# of Downstream Barriers	1
NFHAP Cumulative Disturbance Index	High		
Dam is on Conserved Land	No		
% Conserved Land in 100m Buffer of Upstream Network	38.27		
% Conserved Land in 100m Buffer of Downstream Network	29.5		
Density of Crossings in Upstream Network Watershed (#/m2)	1.01		
Density of Crossings in Downstream Network Watershed (#/m2)	1.62		
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

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)	51
# Rare Fish (HUC8)	0
# Rare Mussel (HUC8)	4
# Rare Crayfish (HUC8)	0
Globally rare or fed listed fish/mussel sp HUC12	No
Globally rare or fed listed fish/mussel sp in upstream or downstream functional network	No

Stream Health

Chesapeake Bay Program Stream Health	ERY_POOR
MD MBSS Benthic IBI Stream Health	Very Poor
MD MBSS Fish IBI Stream Health	Poor
MD MBSS Combined IBI Stream Health	Poor
VA INSTAR mIBI Stream Health	Moderate
PA IBI Stream Health	N/A
Rare fish or mussel sp in HUC12	No
Rare fish or mussel in upstream or downstream functional network	Yes

Metric descriptions can be found at:

http://52.53.143.233/chesapeake-dev/plugins/barrier-prioritization-prot02/images/Metric_Glossary.pdf