Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: VA_417 **FFRRON DAM Diadromous Tier** 5 Brook Trout Tier N/A Resident Tier 2 NID ID VA10918 State ID 417 Beaverdam Creek River Name Dam Height (ft) 20 Dam Type Earth 38.0048 Latitude Longitude -78.2867 Passage Facilities None Documented N/A Passage Year Size Class 1b: Creek (3.861 - 38.61 sq mi) HUC 12 Mechunk Creek

Rivanna

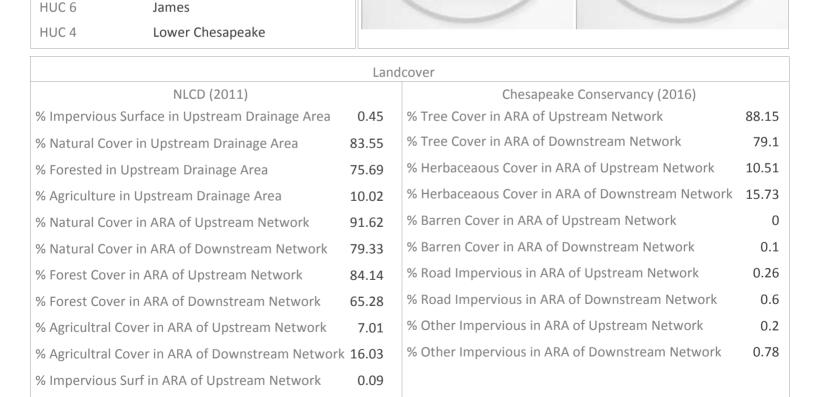
Mechunk Creek-Rivanna River

HUC 10

HUC8



No Phaka Availab



0.71

No Phasa Available



% Impervious Surf in ARA of Downstream Network

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	Network, Sy	ystem	Туре а	nd Cond	dition		
Functional Upstream Network	(mi) 17.66			Upstre	eam Size Class Gain (‡	‡)	0
Total Functional Network (mi) 5448.68			# Downsteam Natural Barriers			iers	0
Absolute Gain (mi)	17.66			# Dow	nstream Hydropowe	r Dams	2
# Size Classes in Total Networ	k 6			# Dow	nstream Dams with I	Passage	4
# Upstream Network Size Classes 2			# of Downstream Barriers				4
NFHAP Cumulative Disturband	ce Index				Moderate		
Dam is on Conserved Land					No		
% Conserved Land in 100m Buffer of Upstream Network					0.07		
% Conserved Land in 100m Buffer of Downstream Network			(11.23		
Density of Crossings in Upstream Network Watershed (#/m					0.91		
Density of Crossings in Downs	tream Network Waters	hed (#	#/m2)		0.84		
Density of off-channel dams in	າ Upstream Network W	atersh	ned (#/n	12)	0		
Density of off-channel dams in	າ Downstream Network	Wate	ershed (#/m2)	0		
		D' d		1.			
Downstream Alewife	Potential Current	Diadro	omous F		Ctrined Dags	News Dee	
			Downstream Striped Bass		None Documented		
Downstream Blueback	wnstream Blueback Potential Current		Downstream Atlantic Sturgeon None			None Doo	cumented
Downstream American Shad	d None Documented		Downstream Shortnose Sturgeon		None Documented		
ownstream Hickory Shad None Documented			Down	Downstream American Eel Current			
Presence of 1 or More Downs	stream Anadromous Spe	ecies	Potent	ial Curr	re		
# Diadromous Species Downs	tream (incl eel)		1				
Reside	ent Fish				Strea	m Health	
Barrier is in EBTJV BKT Catchment No		No		Chesapeake Bay Program Stream Health PO			POOR
Barrier is in Modeled BKT Catchment (DeWeber) N		No					N/A
,		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
		36		VA INSTAR mIBI Stream Health			High
# Rare Fish (HUC8)		0		PA IBI Stream Health			N/A
# Rare Mussel (HUC8)		4		ע וטו א	a canii nealtii		IN/A
,		0					
# Rare Crayfish (HUC8)		U					

