## **Chesapeake Fish Passage Prioritization - Dam Fact Sheet**

Diadromous Tier 6
Brook Trout Tier N/A
Resident Tier 4
NID ID VA10712
State ID 1225

North Fork Catoctin Creek

Dam Height (ft) 10

Dam Type Gravity

Latitude 39.1874

River Name

Longitude -77.7024

Passage Facilities None Documented

Passage Year N/A

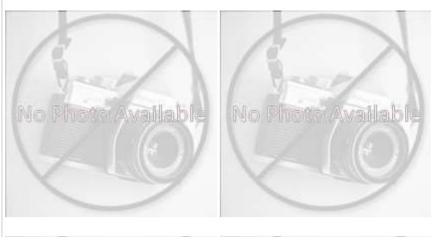
Size Class 1b: Creek (3.861 - 38.61 sq mi)

HUC 12 South Fork Catoctin Creek

HUC 10 Catoctin Creek

HUC 8 Middle Potomac-Catoctin

HUC 6 Potomac HUC 4 Potomac





Landcover								
NLCD (2011)		Chesapeake Conservancy (2016)						
% Impervious Surface in Upstream Drainage Area	0.43	% Tree Cover in ARA of Upstream Network	55.28					
% Natural Cover in Upstream Drainage Area	50.72	% Tree Cover in ARA of Downstream Network	50.17					
% Forested in Upstream Drainage Area	49.37	% Herbaceaous Cover in ARA of Upstream Network	39.02					
% Agriculture in Upstream Drainage Area	43.86	% Herbaceaous Cover in ARA of Downstream Network	39.72					
% Natural Cover in ARA of Upstream Network	45.16	% Barren Cover in ARA of Upstream Network	0.74					
% Natural Cover in ARA of Downstream Network	43.71	% Barren Cover in ARA of Downstream Network	0.35					
% Forest Cover in ARA of Upstream Network	39.91	% Road Impervious in ARA of Upstream Network	1.11					
% Forest Cover in ARA of Downstream Network	30.17	% Road Impervious in ARA of Downstream Network	1.96					
% Agricultral Cover in ARA of Upstream Network	45.09	% Other Impervious in ARA of Upstream Network	1.48					
% Agricultral Cover in ARA of Downstream Network	38.99	% Other Impervious in ARA of Downstream Network	3.66					
% Impervious Surf in ARA of Upstream Network	0.77							
% Impervious Surf in ARA of Downstream Network	3.98							



## **Chesapeake Fish Passage Prioritization - Dam Fact Sheet**

CFPPP Unique ID: VA\_1225 GODFREY DAM

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	Network, Sy	ystem	Type and Co	ndition			
Functional Upstream Network	(mi) 32.65		Upstream Size Class Gain (#)			0	
Total Functional Network (mi) 2945.06			# Downsteam Natural Barriers			1	
absolute Gain (mi) 32.65			# Downstream Hydropower Dams			0	
# Size Classes in Total Network 7 # Upstream Network Size Classes 2			# Downstream Dams with Passage # of Downstream Barriers			1	
						2	
NFHAP Cumulative Disturband	ce Index			Very High			
Dam is on Conserved Land				No			
% Conserved Land in 100m Buffer of Upstream Netwo % Conserved Land in 100m Buffer of Downstream Ne							
							Density of Crossings in Upstre
Density of Crossings in Downstream Network Watershed (#/m2) 1.35							
Density of off-channel dams in Upstream Network Watershed (#/m2) 0							
Density of off-channel dams in	n Downstream Network	Wate	ershed (#/m2	) 0			
		Diadro	omous Fish				
ownstream Alewife Historical		Downstream Striped Bass None Doo			umented		
ownstream Blueback Potential Current		Downstream Atlantic Sturgeon None Docu			umented		
Downstream American Shad None Documented			Downstream	Downstream Shortnose Sturgeon None Documented			
Downstream Hickory Shad	None Documented		Downstream	m American Eel	Current		
Presence of 1 or More Downs	stream Anadromous Spe	ecies	Potential Curre				
# Diadromous Species Downs	tream (incl eel)		1				
Reside	ent Fish		Stream Health				
Barrier is in EBTJV BKT Catchment  Barrier is in Modeled BKT Catchment (DeWeber)			Chesa	Chesapeake Bay Program Stream Health FAIR			
			MDN	MD MBSS Benthic IBI Stream Health N/A			
Barrier Blocks an EBTJV Catchment		Yes	MDN	MD MBSS Fish IBI Stream Health		N/A	
Barrier Blocks a Modeled BKT Catchment (DeWeber) Native Fish Species Richness (HUC8) # Rare Fish (HUC8) # Rare Mussel (HUC8)		Yes	MD MBSS Combined IBI Stream Health		N/A		
		51	VA IN	VA INSTAR mIBI Stream Health		Moderate	
		0	PA IBI	PA IBI Stream Health			
		4					
# Rare Crayfish (HUC8)		0					

