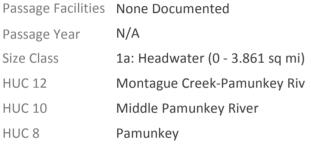
Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: VA_537 **WRIGHTS DAM** Diadromous Tier 11 Brook Trout Tier N/A **Resident Tier** 7 NID ID VA08510 537 State ID River Name 22 Dam Height (ft) Dam Type Gravity Latitude 37.6402 Longitude -77.2419





HUC 6 Lower Chesapeake
HUC 4 Lower Chesapeake



Landcover							
NLCD (2011)		Chesapeake Conservancy (2016)					
% Impervious Surface in Upstream Drainage Area	2.06	% Tree Cover in ARA of Upstream Network	73.01				
% Natural Cover in Upstream Drainage Area	57.74	% Tree Cover in ARA of Downstream Network	73.58				
% Forested in Upstream Drainage Area	50.2	% Herbaceaous Cover in ARA of Upstream Network	12.64				
% Agriculture in Upstream Drainage Area	31.16	% Herbaceaous Cover in ARA of Downstream Network	14.77				
% Natural Cover in ARA of Upstream Network	98.95	% Barren Cover in ARA of Upstream Network	0				
% Natural Cover in ARA of Downstream Network	84.32	% Barren Cover in ARA of Downstream Network	0				
% Forest Cover in ARA of Upstream Network	68.06	% Road Impervious in ARA of Upstream Network	0				
% Forest Cover in ARA of Downstream Network	54.73	% Road Impervious in ARA of Downstream Network	1.27				
% Agricultral Cover in ARA of Upstream Network	1.05	% Other Impervious in ARA of Upstream Network	0.94				
% Agricultral Cover in ARA of Downstream Network 10.65		% Other Impervious in ARA of Downstream Network					
% Impervious Surf in ARA of Upstream Network	0						
% Impervious Surf in ARA of Downstream Network	0.67						



Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: VA_537 WRIGHTS DAM

CIFFF Offique ID. VA_337	WRIGHTS DAIVI						
	Network, S	ystem	Type and Cond	ition			
Functional Upstream Network (mi) 1.28			Upstream Size Class Gain (#)			0	
Total Functional Network (mi) 12.33			# Downsteam Natural Barriers		iers	0	
Absolute Gain (mi)	ain (mi) 1.28		# Dowr	# Downstream Hydropower Dams		0	
Size Classes in Total Network 2		# Downstream Dams with Passage		0			
Upstream Network Size Classes 1			# of Downstream Barriers			2	
NFHAP Cumulative Disturband	ce Index			Very High			
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 (#/r			12)	1.52			
Density of Crossings in Downs		-		1.11			
Density of off-channel dams in	n Upstream Network W	/atersh	ned (#/m2)	0			
Density of off-channel dams in	n Downstream Network	< Wate	ershed (#/m2)	0			
		Diadro	mous Fish				
Downstream Alewife	Historical		Downstream Striped Bass No		None Doci	umented	
Downstream Blueback	Historical	Historical		Downstream Atlantic Sturgeon No		umented	
Downstream American Shad	None Documented	ocumented		Downstream Shortnose Sturgeon N		umented	
Downstream Hickory Shad	None Documented		Downstream A	Downstream American Eel		None Documented	
Presence of 1 or More Downs	stream Anadromous Sp	ecies	Historical				
# Diadromous Species Downs	stream (incl eel)		0				
Reside	ent Fish			Strea	m Health		
Barrier is in EBTJV BKT Catchment		No	Chesape	Chesapeake Bay Program Stream Health FA		FAIR	
Barrier is in Modeled BKT Catchment (DeWeber)		No	MD MBS	MD MBSS Benthic IBI Stream Health		N/A	
partier is in iviodeled RKT Cat	Barrier Blocks an EBTJV Catchment			MD MBSS Fish IBI Stream Health			
	iment	No	MD MBS	SS Fish IBI Stream He	alth	N/A	
				SS Fish IBI Stream He SS Combined IBI Stre		N/A N/A	
Barrier Blocks an EBTJV Catch	Catchment (DeWeber)		MD MBS		am Health	•	
Barrier Blocks an EBTJV Catch Barrier Blocks a Modeled BKT	Catchment (DeWeber)) No	MD MBS	SS Combined IBI Stre	am Health	N/A	
Barrier Blocks an EBTJV Catch Barrier Blocks a Modeled BKT Native Fish Species Richness (Catchment (DeWeber)) No 56	MD MBS	SS Combined IBI Stre	am Health	N/A Very High	

