Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: VA_1035 THE MIDLOTHIAN CO. DAM

Bay-wide Diadromous Tier 19
Bay-wide Resident Tier 17
Bay-wide Brook Trout Tier N/A

NID ID VA04140 State ID 1035

River Name

Dam Height (ft) 22

Dam Type Earth
Latitude 37.4694

Longitude -77.6305

Passage Facilities None Documented

Passage Year N/A

Size Class 1a: Headwater (0 - 3.861 sq mi)

HUC 12 Falling Creek

HUC 10 Falling Creek-James River

HUC 8 Lower James

HUC 6 James

HUC 4 Lower Chesapeake







Landcover								
NLCD (2011)		Chesapeake Conservancy (2016)						
% Impervious Surface in Upstream Drainage Area	24.96	% Tree Cover in ARA of Upstream Network	28.93					
% Natural Cover in Upstream Drainage Area	16.67	% Tree Cover in ARA of Downstream Network	58.82					
% Forested in Upstream Drainage Area	13.14	% Herbaceaous Cover in ARA of Upstream Network	30.86					
% Agriculture in Upstream Drainage Area	4.46	% Herbaceaous Cover in ARA of Downstream Network	21.2					
% Natural Cover in ARA of Upstream Network	12.12	% Barren Cover in ARA of Upstream Network	4.2					
% Natural Cover in ARA of Downstream Network	46.99	% Barren Cover in ARA of Downstream Network	0.14					
% Forest Cover in ARA of Upstream Network	4.1	% Road Impervious in ARA of Upstream Network	11.43					
% Forest Cover in ARA of Downstream Network	31.77	% Road Impervious in ARA of Downstream Network	6.86					
% Agricultral Cover in ARA of Upstream Network	4.44	% Other Impervious in ARA of Upstream Network	18.71					
% Agricultral Cover in ARA of Downstream Network	0.85	% Other Impervious in ARA of Downstream Network	10.54					
% Impervious Surf in ARA of Upstream Network	24.81							
% Impervious Surf in ARA of Downstream Network	9.43							



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CITTI Offique ID. VA_1033	THE WIDEOTHIA		. DAIVI			
	Network, Sy	/stem	Type and Con	dition		
Functional Upstream Network	(mi) 1.17		Upstream Size Class Gain (#)			0
Total Functional Network (mi)	35.03	5.03		# Downsteam Natural Barriers		0
Absolute Gain (mi)	1.17		# Dov	# Downstream Hydropower D		0
# Size Classes in Total Networ	k 2		# Downstream Dams with P		Passage	0
# Upstream Network Size Clas	ses 1		# of Downstream Barr			2
NFHAP Cumulative Disturband	ce Index			Very High		
Dam is on Conserved Land				No		
% Conserved Land in 100m Bu	ffer of Upstream Netwo	ork		0		
% Conserved Land in 100m Bu	ffer of Downstream Ne	twork	(4.35		
Density of Crossings in Upstre	am Network Watershed	l (#/m	12)	4.2		
Density of Crossings in Downs	tream Network Waters	hed (#	‡/m2)	1.59		
Density of off-channel dams in	n Upstream Network Wa	atersh	ned (#/m2)	0		
Density of off-channel dams in	n Downstream Network	Wate	ershed (#/m2)	0		
]	Diadro	omous Fish			
Downstream Alewife	Historical		Downstream Striped Bass None Doo			umented
Downstream Blueback	Historical	ical		Downstream Atlantic Sturgeon None D		cumented
Downstream American Shad	None Documented		Downstream	Shortnose Sturgeon	None Doc	umented
Downstream Hickory Shad	None Documented		Downstream	American Eel	None Doc	umented
Presence of 1 or More Downs	tream Anadromous Spe	ecies	Historical			
# Diadromous Species Downs	tream (incl eel)		0			
Reside	nt Fish			Strea	m Health	
Barrier is in EBTJV BKT Catchment		No	Chesap	Chesapeake Bay Program Stream Health POOR		
Barrier is in Modeled BKT Catchment (DeWeber)		No	MD ME	MD MBSS Benthic IBI Stream Health N		N/A
Barrier Blocks an EBTJV Catchment		No	MD ME	MD MBSS Fish IBI Stream Health N		N/A
Barrier Blocks a Modeled BKT Catchment (DeWeber)		No	MD ME	·		N/A
		62	VA INS	VA INSTAR mIBI Stream Health		High
# Rare Fish (HUC8)		2	PA IBI S	Stream Health		N/A
# Rare Mussel (HUC8)		1				,
# Rare Crayfish (HUC8)		0				
		-				

