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

CFPPP Unique ID: MD\_12288 MIDLAND-GILMORE RESERVOIR

Bay-wide Diadromous Tier 17
Bay-wide Resident Tier 7
Bay-wide Brook Trout Tier N/A

NID ID MD00267
State ID 12288
River Name Elklick Run

Dam Height (ft) 19

Dam Type Gravity
Latitude 39.5754
Longitude -78.9386

Passage Facilities None Documented

Passage Year N/A

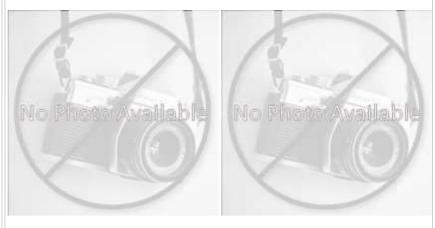
Size Class 1a: Headwater (0 - 3.861 sq mi)

HUC 12 Upper Georges Creek

HUC 10 Georges Creek

HUC 8 North Branch Potomac

HUC 6 Potomac HUC 4 Potomac







Landcover							
NLCD (2011)		Chesapeake Conservancy (2016)					
% Impervious Surface in Upstream Drainage Area	0.04	% Tree Cover in ARA of Upstream Network	93.51				
% Natural Cover in Upstream Drainage Area	92.84	% Tree Cover in ARA of Downstream Network	71.2				
% Forested in Upstream Drainage Area	92.73	% Herbaceaous Cover in ARA of Upstream Network	5.25				
% Agriculture in Upstream Drainage Area	4.54	% Herbaceaous Cover in ARA of Downstream Network	20.09				
% Natural Cover in ARA of Upstream Network	92.51	% Barren Cover in ARA of Upstream Network	0.18				
% Natural Cover in ARA of Downstream Network	68.35	% Barren Cover in ARA of Downstream Network	0.24				
% Forest Cover in ARA of Upstream Network	92.23	% Road Impervious in ARA of Upstream Network	0.39				
% Forest Cover in ARA of Downstream Network	64.28	% Road Impervious in ARA of Downstream Network	1.47				
% Agricultral Cover in ARA of Upstream Network	1.48	% Other Impervious in ARA of Upstream Network	0.54				
% Agricultral Cover in ARA of Downstream Network	11.77	% Other Impervious in ARA of Downstream Network	4.93				
% Impervious Surf in ARA of Upstream Network	0.11						
% Impervious Surf in ARA of Downstream Network	4.71						



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	Network, Sys	tem T	ype and Condition			
Functional Upstream Network	Functional Upstream Network (mi) 3.04		Upstream Size Class Gain (#)		0	
Total Functional Network (mi) 341.91			# Downsteam Natural Barriers		1	
Absolute Gain (mi) 3.04			# Downstream Hydropower Dams		2	
# Size Classes in Total Networ	k 4		# Downstream Dams with	Passage	1	
# Upstream Network Size Clas	stream Network Size Classes 1		# of Downstream Barriers		7	
NFHAP Cumulative Disturband	ce Index		Moderate			
Dam is on Conserved Land			No			
% Conserved Land in 100m Buffer of Upstream Network			36.61			
% Conserved Land in 100m Buffer of Downstream Network			12.4			
Density of Crossings in Upstre	am Network Watershed (	(#/m2)	0.52			
Density of Crossings in Downs	tream Network Watersh	ed (#/r	m2) 1.59			
Density of off-channel dams in	n Upstream Network Wat	ershed	d (#/m2) 0			
Density of off-channel dams in	n Downstream Network V	Vaters	hed (#/m2) 0			
	Di	adrom	ous Fish			
Downstream Alewife	None Documented		Downstream Striped Bass	None Doo	None Documented	
Downstream Blueback	None Documented		Downstream Atlantic Sturgeon Non-		ne Documented	
Downstream American Shad	None Documented	[	Downstream Shortnose Sturgeon	None Doo	cumented	
Downstream Hickory Shad	None Documented		Downstream American Eel	None Doo	cumented	
Presence of 1 or More Downs	stream Anadromous Spec	ies N	lone Docume			
# Diadromous Species Downs	tream (incl eel)	C				
Resident Fish			Stream Health			
Barrier is in EBTJV BKT Catchment No		No	Chesapeake Bay Program Stream Health FAIR		n FAIR	
Barrier is in Modeled BKT Catchment (DeWeber) No		No	MD MBSS Benthic IBI Stream	MD MBSS Benthic IBI Stream Health Po		
Barrier Blocks an EBTJV Catchment No		No	MD MBSS Fish IBI Stream He	MD MBSS Fish IBI Stream Health		
Barrier Blocks a Modeled BKT Catchment (DeWeber) No		No	MD MBSS Combined IBI Stre	MD MBSS Combined IBI Stream Health		
Native Fish Species Richness (HUC8) 36		36	VA INSTAR mIBI Stream Hea	VA INSTAR mIBI Stream Health		
# Rare Fish (HUC8) 0		)	PA IBI Stream Health		N/A N/A	
# Rare Mussel (HUC8)		3			•	
# Rare Crayfish (HUC8) 0		)				

