## **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

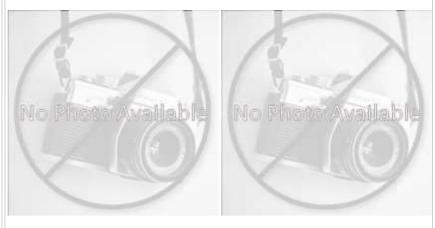
Size Class 1a: Headwater (0 - 3.861 sq mi)

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		



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

MIDLAND-GILMORF RESERVOIR CFPPP Unique ID: MD 12288 Network, System Type and Condition Functional Upstream Network (mi) 3.04 Upstream Size Class Gain (#) O Total Functional Network (mi) 341.91 # Downsteam Natural Barriers 1 Absolute Gain (mi) 3.04 2 # Downstream Hydropower Dams # Size Classes in Total Network 4 1 # Downstream Dams with Passage # Upstream Network Size Classes # of Downstream Barriers 7 1 NEHAP Cumulative Disturbance Index Moderate Dam is on Conserved Land Nο % Conserved Land in 100m Buffer of Upstream Network 36.61 % Conserved Land in 100m Buffer of Downstream Network 12.4 Density of Crossings in Upstream Network Watershed (#/m2) 0.52 Density of Crossings in Downstream Network Watershed (#/m2) 1.59 Density of off-channel dams in Upstream Network Watershed (#/m2) Density of off-channel dams in Downstream Network Watershed (#/m2) Λ Diadromous Fish Downstream Alewife None Documented None Documented Downstream Striped Bass Downstream Blueback None Documented Downstream Atlantic Sturgeon None Documented Downstream American Shad None Documented None Documented Downstream Shortnose Sturgeon None Documented Downstream Hickory Shad None Documented Downstream American Eel One or More DS Anadromous Species None Docume # Diadromous Sp Dnstrm (incl eel) Resident Fish and Rare Species Stream Health Barrier is in EBTJV BKT Catchment No Chesapeake Bay Program Stream Health FAIR Barrier is in Modeled BKT Catchment (DeWeber) No MD MBSS Benthic IBI Stream Health Poor Barrier Blocks an EBTJV Catchment Nο MD MBSS Fish IBI Stream Health Very Poor Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Combined IBI Stream Health Poor Native Fish Species Richness (HUC8) 36 VA INSTAR mIBI Stream Health N/A 0 # Rare Fish (HUC8) PA IBI Stream Health N/A # Rare Mussel (HUC8) 3 # Rare Crayfish (HUC8) 0 Globally rare or fed listed fish/mussel sp HUC12 Rare fish or mussel sp in HUC12 Nο Nο



No

Rare fish or mussel in upstream or

downstream functional network

Globally rare or fed listed fish/mussel sp in

upstream or downstream functional network

No