

Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: **MD_12075** **ROCKY GAP DAM**

Diadromous Tier 17
 Brook Trout Tier 1
 Resident Tier 4
 NID ID MD00071
 State ID 12075
 River Name Rocky Gap Run
 Dam Height (ft) 98
 Dam Type Earth
 Latitude 39.7013
 Longitude -78.6627
 Passage Facilities None Documented
 Passage Year N/A
 Size Class 1b: Creek (3.861 - 38.61 sq mi)
 HUC 12 Rocky Gap Run-Evitts Creek
 HUC 10 Evitts Creek
 HUC 8 North Branch Potomac
 HUC 6 Potomac
 HUC 4 Potomac



Landcover

NLCD (2011)		Chesapeake Conservancy (2016)	
% Impervious Surface in Upstream Drainage Area	1.11	% Tree Cover in ARA of Upstream Network	56.92
% Natural Cover in Upstream Drainage Area	85.87	% Tree Cover in ARA of Downstream Network	70.73
% Forested in Upstream Drainage Area	82.12	% Herbaceous Cover in ARA of Upstream Network	20.05
% Agriculture in Upstream Drainage Area	7.16	% Herbaceous Cover in ARA of Downstream Network	24.95
% Natural Cover in ARA of Upstream Network	75.74	% Barren Cover in ARA of Upstream Network	0.64
% Natural Cover in ARA of Downstream Network	70.65	% Barren Cover in ARA of Downstream Network	0.2
% Forest Cover in ARA of Upstream Network	54.74	% Road Impervious in ARA of Upstream Network	0.95
% Forest Cover in ARA of Downstream Network	67.9	% Road Impervious in ARA of Downstream Network	0.81
% Agricultural Cover in ARA of Upstream Network	10	% Other Impervious in ARA of Upstream Network	2.07
% Agricultural Cover in ARA of Downstream Network	20.89	% Other Impervious in ARA of Downstream Network	1.35
% Impervious Surf in ARA of Upstream Network	2.07		
% Impervious Surf in ARA of Downstream Network	1.1		

Metric descriptions can be found at:

http://52.53.143.233/chesapeake-dev/plugins/barrier-prioritization-proto2/images/Metric_Glossary.pdf

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Network, System Type and Condition

Functional Upstream Network (mi)	15.71	Upstream Size Class Gain (#)	0
Total Functional Network (mi)	7728.58	# Downstream Natural Barriers	1
Absolute Gain (mi)	15.71	# Downstream Hydropower Dams	2
# Size Classes in Total Network	6	# Downstream Dams with Passage	1
# Upstream Network Size Classes	2	# of Downstream Barriers	6
NFHAP Cumulative Disturbance Index	Not Scored / Unavailable at this scale		
Dam is on Conserved Land	Yes		
% Conserved Land in 100m Buffer of Upstream Network	32.41		
% Conserved Land in 100m Buffer of Downstream Network	13.88		
Density of Crossings in Upstream Network Watershed (#/m2)	0.79		
Density of Crossings in Downstream Network Watershed (#/m2)	1.14		
Density of off-channel dams in Upstream Network Watershed (#/m2)	0		
Density of off-channel dams in Downstream Network Watershed (#/m2)	0		

Diadromous Fish

Downstream Alewife	None Documented	Downstream Striped Bass	None Documented
Downstream Blueback	None Documented	Downstream Atlantic Sturgeon	None Documented
Downstream American Shad	None Documented	Downstream Shortnose Sturgeon	None Documented
Downstream Hickory Shad	None Documented	Downstream American Eel	Current
Presence of 1 or More Downstream Anadromous Species	None Documented		
# Diadromous Species Downstream (incl eel)	1		

Resident Fish

Barrier is in EBTJV BKT Catchment	Yes
Barrier is in Modeled BKT Catchment (DeWeber)	No
Barrier Blocks an EBTJV Catchment	No
Barrier Blocks a Modeled BKT Catchment (DeWeber)	Yes
Native Fish Species Richness (HUC8)	36
# Rare Fish (HUC8)	0
# Rare Mussel (HUC8)	3
# Rare Crayfish (HUC8)	0

Stream Health

Chesapeake Bay Program Stream Health	POOR
MD MBSS Benthic IBI Stream Health	Poor
MD MBSS Fish IBI Stream Health	Poor
MD MBSS Combined IBI Stream Health	Poor
VA INSTAR mIBI Stream Health	N/A
PA IBI Stream Health	Poor

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