

Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: **PA_PA00242** **LAKE GORDON**

Diadromous Tier	17
Brook Trout Tier	N/A
Resident Tier	3
NID ID	PA00242
State ID	PA00242
River Name	Evitts Creek
Dam Height (ft)	84
Dam Type	Gravity
Latitude	39.7478
Longitude	-78.6765
Passage Facilities	None Documented
Passage Year	N/A
Size Class	2: Small River (38.61 - 200 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	0.47	% Tree Cover in ARA of Upstream Network	62.95
% Natural Cover in Upstream Drainage Area	80.96	% Tree Cover in ARA of Downstream Network	70.73
% Forested in Upstream Drainage Area	79.46	% Herbaceous Cover in ARA of Upstream Network	23.51
% Agriculture in Upstream Drainage Area	13.53	% Herbaceous Cover in ARA of Downstream Network	24.95
% Natural Cover in ARA of Upstream Network	71.12	% Barren Cover in ARA of Upstream Network	0.18
% 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	56.34	% Road Impervious in ARA of Upstream Network	0.87
% 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	14.82	% Other Impervious in ARA of Upstream Network	0.62
% 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	1.13		
% 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)	18.19	Upstream Size Class Gain (#)	0
Total Functional Network (mi)	7731.06	# Downstream Natural Barriers	1
Absolute Gain (mi)	18.19	# Downstream Hydropower Dams	2
# Size Classes in Total Network	6	# Downstream Dams with Passage	1
# Upstream Network Size Classes	3	# of Downstream Barriers	6
NFHAP Cumulative Disturbance Index	Not Scored / Unavailable at this scale		
Dam is on Conserved Land	No		
% Conserved Land in 100m Buffer of Upstream Network	17.4		
% Conserved Land in 100m Buffer of Downstream Network	13.88		
Density of Crossings in Upstream Network Watershed (#/m2)	1.44		
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	No
Barrier is in Modeled BKT Catchment (DeWeber)	No
Barrier Blocks an EBTJV Catchment	Yes
Barrier Blocks a Modeled BKT Catchment (DeWeber)	No
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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