

Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: **PA_18-057**

RESERVOIR

Bay-wide Diadromous Tier 9
 Bay-wide Resident Tier 4
 Bay-wide Brook Trout Tier 11
 NID ID
 State ID 18-057
 River Name Monument Run
 Dam Height (ft) 5
 Dam Type Concrete
 Latitude 41.1181
 Longitude -77.7033
 Passage Facilities None Documented
 Passage Year N/A
 Size Class 1b: Creek (3.861 - 38.61 sq mi)
 HUC 12 Beech Creek-Bald Eagle Creek
 HUC 10 Beech Creek
 HUC 8 Bald Eagle
 HUC 6 West Branch Susquehanna
 HUC 4 Susquehanna



Landcover

NLCD (2011)		Chesapeake Conservancy (2016)	
% Impervious Surface in Upstream Drainage Area	0.05	% Tree Cover in ARA of Upstream Network	98.96
% Natural Cover in Upstream Drainage Area	96.77	% Tree Cover in ARA of Downstream Network	81.7
% Forested in Upstream Drainage Area	96.77	% Herbaceous Cover in ARA of Upstream Network	0.59
% Agriculture in Upstream Drainage Area	0	% Herbaceous Cover in ARA of Downstream Network	14.6
% Natural Cover in ARA of Upstream Network	95.04	% Barren Cover in ARA of Upstream Network	0.39
% Natural Cover in ARA of Downstream Network	83.37	% Barren Cover in ARA of Downstream Network	0.23
% Forest Cover in ARA of Upstream Network	95.04	% Road Impervious in ARA of Upstream Network	0
% Forest Cover in ARA of Downstream Network	82.07	% Road Impervious in ARA of Downstream Network	0.69
% Agricultural Cover in ARA of Upstream Network	0	% Other Impervious in ARA of Upstream Network	0.03
% Agricultural Cover in ARA of Downstream Network	9.07	% Other Impervious in ARA of Downstream Network	0.8
% Impervious Surf in ARA of Upstream Network	0.07		
% Impervious Surf in ARA of Downstream Network	0.7		

Metric descriptions can be found at:

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

Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: **PA_18-057**

RESERVOIR

Network, System Type and Condition

Functional Upstream Network (mi)	10.82	Upstream Size Class Gain (#)	0
Total Functional Network (mi)	427.4	# Downstream Natural Barriers	0
Absolute Gain (mi)	10.82	# Downstream Hydropower Dams	4
# Size Classes in Total Network	4	# Downstream Dams with Passage	7
# Upstream Network Size Classes	1	# of Downstream Barriers	8
NFHAP Cumulative Disturbance Index	Low		
Dam is on Conserved Land	No		
% Conserved Land in 100m Buffer of Upstream Network	0		
% Conserved Land in 100m Buffer of Downstream Network	38.44		
Density of Crossings in Upstream Network Watershed (#/m2)	0.55		
Density of Crossings in Downstream Network Watershed (#/m2)	0.64		
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)	Yes
Barrier Blocks an EBTJV Catchment	No
Barrier Blocks a Modeled BKT Catchment (DeWeber)	No
Native Fish Species Richness (HUC8)	35
# Rare Fish (HUC8)	0
# Rare Mussel (HUC8)	0
# Rare Crayfish (HUC8)	0

Stream Health

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

Metric descriptions can be found at:

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