

Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: **MD_WIE04** **Schumaker Pond**

Diadromous Tier	10
Brook Trout Tier	N/A
Resident Tier	19
NID ID	
State ID	WIE04
River Name	Beaverdam Creek
Dam Height (ft)	0
Dam Type	Unspecified Type
Latitude	38.3516
Longitude	-75.5702
Passage Facilities	None Documented
Passage Year	N/A
Size Class	1b: Creek (3.861 - 38.61 sq mi)
HUC 12	South Prong Wicomico River
HUC 10	Wicomico River
HUC 8	Tangier
HUC 6	Lower Chesapeake
HUC 4	Lower Chesapeake



Landcover

NLCD (2011)		Chesapeake Conservancy (2016)	
% Impervious Surface in Upstream Drainage Area	5.09	% Tree Cover in ARA of Upstream Network	50.22
% Natural Cover in Upstream Drainage Area	45.22	% Tree Cover in ARA of Downstream Network	36.06
% Forested in Upstream Drainage Area	16.97	% Herbaceous Cover in ARA of Upstream Network	40.92
% Agriculture in Upstream Drainage Area	34.28	% Herbaceous Cover in ARA of Downstream Network	16.57
% Natural Cover in ARA of Upstream Network	53.52	% Barren Cover in ARA of Upstream Network	0
% Natural Cover in ARA of Downstream Network	21.26	% Barren Cover in ARA of Downstream Network	0
% Forest Cover in ARA of Upstream Network	15.44	% Road Impervious in ARA of Upstream Network	1
% Forest Cover in ARA of Downstream Network	7.09	% Road Impervious in ARA of Downstream Network	10.55
% Agricultural Cover in ARA of Upstream Network	23.31	% Other Impervious in ARA of Upstream Network	6.13
% Agricultural Cover in ARA of Downstream Network	0	% Other Impervious in ARA of Downstream Network	17.58
% Impervious Surf in ARA of Upstream Network	6.95		
% Impervious Surf in ARA of Downstream Network	28.48		

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)	11.98	Upstream Size Class Gain (#)	2
Total Functional Network (mi)	12.14	# Downstream Natural Barriers	0
Absolute Gain (mi)	0.16	# Downstream Hydropower Dams	0
# Size Classes in Total Network	2	# Downstream Dams with Passage	0
# Upstream Network Size Classes	2	# of Downstream Barriers	3
NFHAP Cumulative Disturbance Index	Moderate		
Dam is on Conserved Land	No		
% Conserved Land in 100m Buffer of Upstream Network	1.16		
% Conserved Land in 100m Buffer of Downstream Network	0		
Density of Crossings in Upstream Network Watershed (#/m2)	0.77		
Density of Crossings in Downstream Network Watershed (#/m2)	0.52		
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	Historical	Downstream Striped Bass	None Documented
Downstream Blueback	Historical	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	Historical		
# 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	No
Barrier Blocks a Modeled BKT Catchment (DeWeber)	No
Native Fish Species Richness (HUC8)	31
# Rare Fish (HUC8)	1
# Rare Mussel (HUC8)	0
# Rare Crayfish (HUC8)	0

Stream Health

Chesapeake Bay Program Stream Health	POOR
MD MBSS Benthic IBI Stream Health	Fair
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	N/A

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