

Chesapeake Fish Passage Prioritization - Dam Fact Sheet

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

Bay-wide Diadromous Tier	10
Bay-wide Resident Tier	19
Bay-wide Brook Trout Tier	N/A
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
One or More DS Anadromous Species	Historical	# Diadromous Sp Dnstrm (incl eel)	1
Resident Fish and Rare Species		Stream Health	
Barrier is in EBTJV BKT Catchment	No	Chesapeake Bay Program Stream Health	POOR
Barrier is in Modeled BKT Catchment (DeWeber)	No	MD MBSS Benthic IBI Stream Health	Fair
Barrier Blocks an EBTJV Catchment	No	MD MBSS Fish IBI Stream Health	Poor
Barrier Blocks a Modeled BKT Catchment (DeWeber)	No	MD MBSS Combined IBI Stream Health	Poor
Native Fish Species Richness (HUC8)	31	VA INSTAR mIBI Stream Health	N/A
# Rare Fish (HUC8)	1	PA IBI Stream Health	N/A
# Rare Mussel (HUC8)	0		
# Rare Crayfish (HUC8)	0		
Globally rare or fed listed fish/mussel sp HUC12	No	Rare fish or mussel sp in HUC12	No
Globally rare or fed listed fish/mussel sp in upstream or downstream functional network	No	Rare fish or mussel in upstream or downstream functional network	No

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