Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: **MD_WIE12** **MORRIS POND**

Diadromous Tier	17
Brook Trout Tier	N/A
Resident Tier	17
NID ID	
State ID	WIE12
River Name	Morris Prong
Dam Height (ft)	0
Dam Type	Unspecified Type
Latitude	38.3258
Longitude	-75.6025
Passage Facilities	None Documented
Passage Year	N/A
Size Class	1b: Creek (3.861 - 38.61 sq mi)
HUC 12	Tonytank Creek-Wicomico River
HUC 10	Wicomico River
HUC 8	Tangier
HUC 6	Lower Chesapeake
HUC 4	Lower Chesapeake

Landcover

NLCD (2011)	
% Impervious Surface in Upstream Drainage Area	2.15
% Natural Cover in Upstream Drainage Area	50.24
% Forested in Upstream Drainage Area	26.15
% Agriculture in Upstream Drainage Area	38.11
% Natural Cover in ARA of Upstream Network	58.88
% Natural Cover in ARA of Downstream Network	27.47
% Forest Cover in ARA of Upstream Network	24.71
% Forest Cover in ARA of Downstream Network	4.52
% Agricultral Cover in ARA of Upstream Network	30.95
% Agricultral Cover in ARA of Downstream Network	26.4
% Impervious Surf in ARA of Upstream Network	1.53
% Impervious Surf in ARA of Downstream Network	14.56

Chesapeake Conservancy (2016)	
% Tree Cover in ARA of Upstream Network	54.14
% Tree Cover in ARA of Downstream Network	29.9
% Herbaceaous Cover in ARA of Upstream Network	35.58
% Herbaceaous Cover in ARA of Downstream Network	44.8
% Barren Cover in ARA of Upstream Network	1.06
% Barren Cover in ARA of Downstream Network	0.04
% Road Impervious in ARA of Upstream Network	1.71
% Road Impervious in ARA of Downstream Network	4.59
% Other Impervious in ARA of Upstream Network	3.13
% Other Impervious in ARA of Downstream Network	10.97

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)	6.8	Upstream Size Class Gain (#)	1
Total Functional Network (mi)	8.05	# Downsteam Natural Barriers	0
Absolute Gain (mi)	1.26	# Downstream Hydropower Dams	0
# Size Classes in Total Network	2	# Downstream Dams with Passage	0
# Upstream Network Size Classes	2	# of Downstream Barriers	2

NFHAP Cumulative Disturbance Index	Moderate
Dam is on Conserved Land	No
% Conserved Land in 100m Buffer of Upstream Network	0
% Conserved Land in 100m Buffer of Downstream Network	0
Density of Crossings in Upstream Network Watershed (#/m2)	1.07
Density of Crossings in Downstream Network Watershed (#/m2)	0.76
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 Docume
# 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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