

Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: **VA_767**

MAURY DAM

Diadromous Tier	3
Brook Trout Tier	N/A
Resident Tier	15
NID ID	VA70004
State ID	767
River Name	Waters Creek
Dam Height (ft)	14
Dam Type	Earth
Latitude	37.0419
Longitude	-76.4867
Passage Facilities	None Documented
Passage Year	N/A
Size Class	1b: Creek (3.861 - 38.61 sq mi)
HUC 12	Cooper Creek-James River
HUC 10	Pagan River-James River
HUC 8	Lower James
HUC 6	James
HUC 4	Lower Chesapeake



Landcover

NLCD (2011)		Chesapeake Conservancy (2016)	
% Impervious Surface in Upstream Drainage Area	31.88	% Tree Cover in ARA of Upstream Network	47.24
% Natural Cover in Upstream Drainage Area	22.02	% Tree Cover in ARA of Downstream Network	58.34
% Forested in Upstream Drainage Area	14.19	% Herbaceous Cover in ARA of Upstream Network	15.52
% Agriculture in Upstream Drainage Area	0	% Herbaceous Cover in ARA of Downstream Network	16.94
% Natural Cover in ARA of Upstream Network	22.83	% Barren Cover in ARA of Upstream Network	0
% Natural Cover in ARA of Downstream Network	54.64	% Barren Cover in ARA of Downstream Network	0
% Forest Cover in ARA of Upstream Network	15.41	% Road Impervious in ARA of Upstream Network	10.82
% Forest Cover in ARA of Downstream Network	38.08	% Road Impervious in ARA of Downstream Network	4.51
% Agricultural Cover in ARA of Upstream Network	0	% Other Impervious in ARA of Upstream Network	22.56
% Agricultural Cover in ARA of Downstream Network	0	% Other Impervious in ARA of Downstream Network	9.03
% Impervious Surf in ARA of Upstream Network	31.2		
% Impervious Surf in ARA of Downstream Network	6.13		

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: **VA_767**

MAURY DAM

Network, System Type and Condition

Functional Upstream Network (mi)	8.91	Upstream Size Class Gain (#)	2
Total Functional Network (mi)	9.73	# Downstream Natural Barriers	0
Absolute Gain (mi)	0.82	# Downstream Hydropower Dams	0
# Size Classes in Total Network	2	# Downstream Dams with Passage	0
# Upstream Network Size Classes	2	# of Downstream Barriers	0
NFHAP Cumulative Disturbance Index	Not Scored / Unavailable at this scale		
Dam is on Conserved Land	No		
% Conserved Land in 100m Buffer of Upstream Network	32.57		
% Conserved Land in 100m Buffer of Downstream Network	22.37		
Density of Crossings in Upstream Network Watershed (#/m2)	1.64		
Density of Crossings in Downstream Network Watershed (#/m2)	3.29		
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	Current	Downstream Striped Bass	Current
Downstream Blueback	Current	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	Current		
# Diadromous Species Downstream (incl eel)	4		

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)	62
# Rare Fish (HUC8)	2
# Rare Mussel (HUC8)	1
# Rare Crayfish (HUC8)	0

Stream Health

Chesapeake Bay Program Stream Health	FAIR
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	High
PA IBI Stream Health	N/A

Metric descriptions can be found at:

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