

## Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: **CFPPP\_726**      **unknown**

Diadromous Tier                      18  
 Brook Trout Tier    N/A  
 Resident Tier                          20  
 NID ID  
 State ID  
 River Name            Morey Creek  
 Dam Height (ft)    0  
 Dam Type  
 Latitude                38.0487  
 Longitude            -78.5429  
 Passage Facilities   None Documented  
 Passage Year        N/A  
 Size Class            1a: Headwater (0 - 3.861 sq mi)  
 HUC 12                Moores Creek  
 HUC 10                Mechunk Creek-Rivanna River  
 HUC 8                 Rivanna  
 HUC 6                 James  
 HUC 4                 Lower Chesapeake



### Landcover

NLCD (2011)		Chesapeake Conservancy (2016)	
% Impervious Surface in Upstream Drainage Area	15.84	% Tree Cover in ARA of Upstream Network	23.08
% Natural Cover in Upstream Drainage Area	29.81	% Tree Cover in ARA of Downstream Network	23.23
% Forested in Upstream Drainage Area	27.24	% Herbaceous Cover in ARA of Upstream Network	37.36
% Agriculture in Upstream Drainage Area	9.46	% Herbaceous Cover in ARA of Downstream Network	48.82
% Natural Cover in ARA of Upstream Network	14.29	% Barren Cover in ARA of Upstream Network	0
% Natural Cover in ARA of Downstream Network	10.58	% Barren Cover in ARA of Downstream Network	0
% Forest Cover in ARA of Upstream Network	0	% Road Impervious in ARA of Upstream Network	6.77
% Forest Cover in ARA of Downstream Network	0	% Road Impervious in ARA of Downstream Network	4.63
% Agricultural Cover in ARA of Upstream Network	23.21	% Other Impervious in ARA of Upstream Network	15.69
% Agricultural Cover in ARA of Downstream Network	16.35	% Other Impervious in ARA of Downstream Network	11.37
% Impervious Surf in ARA of Upstream Network	22.57		
% Impervious Surf in ARA of Downstream Network	23.35		

Metric descriptions can be found at:

[http://52.53.143.233/chesapeake-dev/plugins/barrier-prioritization-proto2/images/Metric\\_Glossary.pdf](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)	0.39	Upstream Size Class Gain (#)	0
Total Functional Network (mi)	0.57	# Downstream Natural Barriers	0
Absolute Gain (mi)	0.18	# Downstream Hydropower Dams	2
# Size Classes in Total Network	0	# Downstream Dams with Passage	4
# Upstream Network Size Classes	0	# of Downstream Barriers	8
NFHAP Cumulative Disturbance Index	Very High		
Dam is on Conserved Land	No		
% Conserved Land in 100m Buffer of Upstream Network	12.06		
% Conserved Land in 100m Buffer of Downstream Network	0		
Density of Crossings in Upstream Network Watershed (#/m2)	0		
Density of Crossings in Downstream Network Watershed (#/m2)	4.49		
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	None Documented
Presence of 1 or More Downstream Anadromous Species	Historical		
# Diadromous Species Downstream (incl eel)	0		

### 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)	36
# Rare Fish (HUC8)	0
# Rare Mussel (HUC8)	4
# Rare Crayfish (HUC8)	0

### Stream Health

Chesapeake Bay Program Stream Health	POOR
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	No Data
PA IBI Stream Health	N/A

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