

## Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: **MD\_CW059**

Bay-wide Diadromous Tier      2  
 Bay-wide Resident Tier        16  
 Bay-wide Brook Trout Tier    N/A  
 NID ID  
 State ID                      CW059  
 River Name  
 Dam Height (ft)            3  
 Dam Type                    Unspecified Type  
 Latitude                    38.7122  
 Longitude                  -76.5306  
 Passage Facilities    None Documented  
 Passage Year            N/A  
 Size Class                1a: Headwater (0 - 3.861 sq mi)  
 HUC 12                    Tracys Creek-Herring Bay  
 HUC 10                    Herring Bay-Chesapeake Bay  
 HUC 8                     Severn  
 HUC 6                     Upper Chesapeake  
 HUC 4                     Upper Chesapeake



### Landcover

NLCD (2011)		Chesapeake Conservancy (2016)	
% Impervious Surface in Upstream Drainage Area	7.73	% Tree Cover in ARA of Upstream Network	66.11
% Natural Cover in Upstream Drainage Area	64.23	% Tree Cover in ARA of Downstream Network	25.42
% Forested in Upstream Drainage Area	31.53	% Herbaceous Cover in ARA of Upstream Network	24.26
% Agriculture in Upstream Drainage Area	2.52	% Herbaceous Cover in ARA of Downstream Network	28.07
% Natural Cover in ARA of Upstream Network	76.75	% Barren Cover in ARA of Upstream Network	0.02
% Natural Cover in ARA of Downstream Network	45.9	% Barren Cover in ARA of Downstream Network	1.63
% Forest Cover in ARA of Upstream Network	22.79	% Road Impervious in ARA of Upstream Network	1.47
% Forest Cover in ARA of Downstream Network	6.02	% Road Impervious in ARA of Downstream Network	3.22
% Agricultural Cover in ARA of Upstream Network	0	% Other Impervious in ARA of Upstream Network	4.96
% Agricultural Cover in ARA of Downstream Network	13.11	% Other Impervious in ARA of Downstream Network	17.32
% Impervious Surf in ARA of Upstream Network	4.57		
% Impervious Surf in ARA of Downstream Network	20.43		

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)	0.98	Upstream Size Class Gain (#)	1
Total Functional Network (mi)	1.07	# Downstream Natural Barriers	0
Absolute Gain (mi)	0.1	# Downstream Hydropower Dams	0
# Size Classes in Total Network	1	# Downstream Dams with Passage	0
# Upstream Network Size Classes	1	# 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	0.09		
% Conserved Land in 100m Buffer of Downstream Network	16.51		
Density of Crossings in Upstream Network Watershed (#/m2)	0		
Density of Crossings in Downstream Network Watershed (#/m2)	0.01		
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	None Documented
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)	3		

## 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)	30
# Rare Fish (HUC8)	1
# Rare Mussel (HUC8)	0
# Rare Crayfish (HUC8)	0

## Stream Health

Chesapeake Bay Program Stream Health	FAIR
MD MBSS Benthic IBI Stream Health	Poor
MD MBSS Fish IBI Stream Health	Very 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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[http://52.53.143.233/chesapeake-dev/plugins/barrier-prioritization-prot02/images/Metric\\_Glossary.pdf](http://52.53.143.233/chesapeake-dev/plugins/barrier-prioritization-prot02/images/Metric_Glossary.pdf)