

## 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	# Downsteam 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
One or More DS Anadromous Species	Current	# Diadromous Sp Dnstrm (incl eel)	3
Resident Fish and Rare Species		Stream Health	
Barrier is in EBTJV BKT Catchment	No	Chesapeake Bay Program Stream Health	FAIR
Barrier is in Modeled BKT Catchment (DeWeber)	No	MD MBSS Benthic IBI Stream Health	Poor
Barrier Blocks an EBTJV Catchment	No	MD MBSS Fish IBI Stream Health	Very Poor
Barrier Blocks a Modeled BKT Catchment (DeWeber)	No	MD MBSS Combined IBI Stream Health	Poor
Native Fish Species Richness (HUC8)	30	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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