

## Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: **CFPPP\_1157**      **unknown**

Bay-wide Diadromous Tier      5  
 Bay-wide Resident Tier      19  
 Bay-wide Brook Trout Tier      N/A  
 NID ID  
 State ID  
 River Name  
 Dam Height (ft)      0  
 Dam Type  
 Latitude      39.2922  
 Longitude      -76.1149  
 Passage Facilities      None Documented  
 Passage Year      N/A  
 Size Class      1a: Headwater (0 - 3.861 sq mi)  
 HUC 12      Fairlee Creek-Upper Chesapeake  
 HUC 10      Upper Chesapeake Bay  
 HUC 8      Chester-Sassafras  
 HUC 6      Upper Chesapeake  
 HUC 4      Upper Chesapeake



### Landcover

NLCD (2011)		Chesapeake Conservancy (2016)	
% Impervious Surface in Upstream Drainage Area	0	% Tree Cover in ARA of Upstream Network	0
% Natural Cover in Upstream Drainage Area	12.05	% Tree Cover in ARA of Downstream Network	47.77
% Forested in Upstream Drainage Area	0	% Herbaceous Cover in ARA of Upstream Network	100
% Agriculture in Upstream Drainage Area	87.95	% Herbaceous Cover in ARA of Downstream Network	36.95
% Natural Cover in ARA of Upstream Network	0	% Barren Cover in ARA of Upstream Network	0
% Natural Cover in ARA of Downstream Network	55.95	% Barren Cover in ARA of Downstream Network	0.01
% Forest Cover in ARA of Upstream Network	0	% Road Impervious in ARA of Upstream Network	0
% Forest Cover in ARA of Downstream Network	21.49	% Road Impervious in ARA of Downstream Network	0.75
% Agricultural Cover in ARA of Upstream Network	100	% Other Impervious in ARA of Upstream Network	0
% Agricultural Cover in ARA of Downstream Network	39.03	% Other Impervious in ARA of Downstream Network	1.07
% Impervious Surf in ARA of Upstream Network	0		
% Impervious Surf in ARA of Downstream Network	0.26		

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)	0.02	Upstream Size Class Gain (#)	0
Total Functional Network (mi)	31.85	# Downstream Natural Barriers	0
Absolute Gain (mi)	0.02	# Downstream Hydropower Dams	0
# Size Classes in Total Network	2	# Downstream Dams with Passage	0
# Upstream Network Size Classes	0	# of Downstream Barriers	0
NFHAP Cumulative Disturbance Index	Very High		
Dam is on Conserved Land	No		
% Conserved Land in 100m Buffer of Upstream Network	100		
% Conserved Land in 100m Buffer of Downstream Network	30.8		
Density of Crossings in Upstream Network Watershed (#/m2)	0		
Density of Crossings in Downstream Network Watershed (#/m2)	0.67		
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)	48
# Rare Fish (HUC8)	1
# Rare Mussel (HUC8)	2
# 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	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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