

## Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: **CFPPP\_562**      **unknown**

Bay-wide Diadromous Tier      14  
 Bay-wide Resident Tier      15  
 Bay-wide Brook Trout Tier      N/A  
 NID ID  
 State ID  
 River Name      Doe Branch  
 Dam Height (ft)      0  
 Dam Type  
 Latitude      37.4569  
 Longitude      -78.2601  
 Passage Facilities      None Documented  
 Passage Year      N/A  
 Size Class      1a: Headwater (0 - 3.861 sq mi)  
 HUC 12      Big Guinea Creek  
 HUC 10      Big Guinea Creek-Appomattox Ri  
 HUC 8      Appomattox  
 HUC 6      James  
 HUC 4      Lower Chesapeake



### Landcover

NLCD (2011)		Chesapeake Conservancy (2016)	
% Impervious Surface in Upstream Drainage Area	0	% Tree Cover in ARA of Upstream Network	71.53
% Natural Cover in Upstream Drainage Area	43.81	% Tree Cover in ARA of Downstream Network	4.77
% Forested in Upstream Drainage Area	31.43	% Herbaceous Cover in ARA of Upstream Network	7.1
% Agriculture in Upstream Drainage Area	56.19	% Herbaceous Cover in ARA of Downstream Network	18.91
% Natural Cover in ARA of Upstream Network	53.62	% Barren Cover in ARA of Upstream Network	0
% Natural Cover in ARA of Downstream Network	75	% Barren Cover in ARA of Downstream Network	0
% Forest Cover in ARA of Upstream Network	36.23	% Road Impervious in ARA of Upstream Network	2.19
% Forest Cover in ARA of Downstream Network	6.25	% Road Impervious in ARA of Downstream Network	0.6
% Agricultural Cover in ARA of Upstream Network	46.38	% Other Impervious in ARA of Upstream Network	0.46
% Agricultural Cover in ARA of Downstream Network	25	% Other Impervious in ARA of Downstream Network	0
% Impervious Surf in ARA of Upstream Network	0		
% Impervious Surf in ARA of Downstream Network	0		

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)	0.12	Upstream Size Class Gain (#)	0
Total Functional Network (mi)	0.27	# Downstream Natural Barriers	0
Absolute Gain (mi)	0.12	# Downstream Hydropower Dams	3
# Size Classes in Total Network	0	# Downstream Dams with Passage	3
# Upstream Network Size Classes	0	# of Downstream Barriers	4
NFHAP Cumulative Disturbance Index	Very High		
Dam is on Conserved Land	No		
% Conserved Land in 100m Buffer of Upstream Network	0		
% 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)	0		
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)	58
# Rare Fish (HUC8)	1
# Rare Mussel (HUC8)	3
# 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	Moderate
PA IBI Stream Health	N/A

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