

## Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: <b>PA_18-018</b>		<b>BALD EAGLE</b>	<b>FIRST QUALITY</b>
Bay-wide Diadromous Tier	2		
Bay-wide Resident Tier	1		
Bay-wide Brook Trout Tier	N/A		
NID ID			
State ID	18-018		
River Name	Bald Eagle Creek		
Dam Height (ft)	8.7		
Dam Type	Timber Crib		
Latitude	41.1247		
Longitude	-77.488		
Passage Facilities	Denil		
Passage Year	2011		
Size Class	3a: Medium Tributary River (200		
HUC 12	Bald Eagle Creek-West Branch S		
HUC 10	Bald Eagle Creek		
HUC 8	Bald Eagle		
HUC 6	West Branch Susquehanna		
HUC 4	Susquehanna		

Landcover			
NLCD (2011)		Chesapeake Conservancy (2016)	
% Impervious Surface in Upstream Drainage Area	2.11	% Tree Cover in ARA of Upstream Network	81.7
% Natural Cover in Upstream Drainage Area	74.2	% Tree Cover in ARA of Downstream Network	68.74
% Forested in Upstream Drainage Area	73.14	% Herbaceous Cover in ARA of Upstream Network	14.6
% Agriculture in Upstream Drainage Area	15.29	% Herbaceous Cover in ARA of Downstream Network	23.35
% Natural Cover in ARA of Upstream Network	83.37	% Barren Cover in ARA of Upstream Network	0.23
% Natural Cover in ARA of Downstream Network	71.46	% Barren Cover in ARA of Downstream Network	0.16
% Forest Cover in ARA of Upstream Network	82.07	% Road Impervious in ARA of Upstream Network	0.69
% Forest Cover in ARA of Downstream Network	63.46	% Road Impervious in ARA of Downstream Network	1.49
% Agricultural Cover in ARA of Upstream Network	9.07	% Other Impervious in ARA of Upstream Network	0.8
% Agricultural Cover in ARA of Downstream Network	18.38	% Other Impervious in ARA of Downstream Network	2.39
% Impervious Surf in ARA of Upstream Network	0.7		
% Impervious Surf in ARA of Downstream Network	2.27		

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)

# Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: **PA\_18-018**

**BALD EAGLE**

**FIRST QUALITY**

## Network, System Type and Condition

Functional Upstream Network (mi)	416.58	Upstream Size Class Gain (#)	0
Total Functional Network (mi)	2375.1	# Downstream Natural Barriers	0
Absolute Gain (mi)	416.58	# Downstream Hydropower Dams	4
# Size Classes in Total Network	6	# Downstream Dams with Passage	6
# Upstream Network Size Classes	4	# of Downstream Barriers	7
NFHAP Cumulative Disturbance Index	High		
Dam is on Conserved Land	No		
% Conserved Land in 100m Buffer of Upstream Network	38.44		
% Conserved Land in 100m Buffer of Downstream Network	38.6		
Density of Crossings in Upstream Network Watershed (#/m2)	0.64		
Density of Crossings in Downstream Network Watershed (#/m2)	0.72		
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	None Documented	Downstream Striped Bass	None Documented
Downstream Blueback	None Documented	Downstream Atlantic Sturgeon	None Documented
Downstream American Shad	Potential Current	Downstream Shortnose Sturgeon	None Documented
Downstream Hickory Shad	None Documented	Downstream American Eel	Current
Presence of 1 or More Downstream Anadromous Species	Potential Current		
# Diadromous Species Downstream (incl eel)	1		

## 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)	35
# Rare Fish (HUC8)	0
# Rare Mussel (HUC8)	0
# Rare Crayfish (HUC8)	0

## Stream Health

Chesapeake Bay Program Stream Health	GOOD
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	N/A
PA IBI Stream Health	Good

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)