



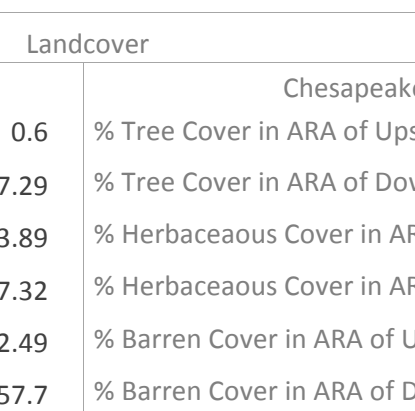
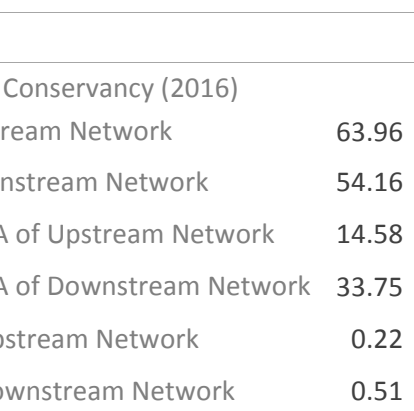
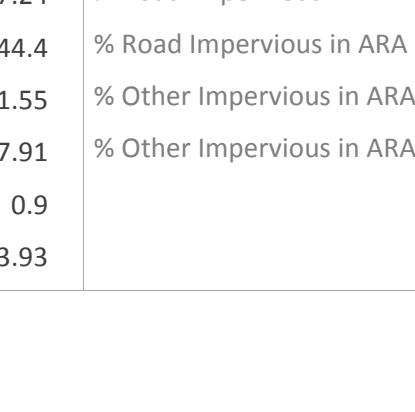
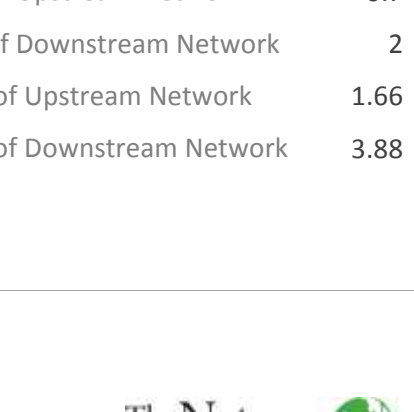


Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: PA_40-102		INTAKE	Pikes Creek Reservoir	
Bay-wide Diadromous Tier	7			
Bay-wide Resident Tier	2			
Bay-wide Brook Trout Tier	N/A			
NID ID				
State ID	40-102			
River Name	Pikes Creek			
Dam Height (ft)	7			
Dam Type	Concrete			
Latitude	41.265			
Longitude	-76.0492			
Passage Facilities	None Documented			
Passage Year	N/A			
Size Class	1b: Creek (3.861 - 38.61 sq mi)			
HUC 12	Harveys Lake-Harveys Creek			
HUC 10	Middle Susquehanna River			
HUC 8	Upper Susquehanna-Lackawann			
HUC 6	Upper Susquehanna			
HUC 4	Susquehanna			

Landcover			
NLCD (2011)		Chesapeake Conservancy (2016)	
% Impervious Surface in Upstream Drainage Area	0.6	% Tree Cover in ARA of Upstream Network	63.96
% Natural Cover in Upstream Drainage Area	77.29	% Tree Cover in ARA of Downstream Network	54.16
% Forested in Upstream Drainage Area	63.89	% Herbaceous Cover in ARA of Upstream Network	14.58
% Agriculture in Upstream Drainage Area	17.32	% Herbaceous Cover in ARA of Downstream Network	33.75
% Natural Cover in ARA of Upstream Network	82.49	% Barren Cover in ARA of Upstream Network	0.22
% Natural Cover in ARA of Downstream Network	57.7	% Barren Cover in ARA of Downstream Network	0.51
% Forest Cover in ARA of Upstream Network	47.24	% Road Impervious in ARA of Upstream Network	0.7
% Forest Cover in ARA of Downstream Network	44.4	% Road Impervious in ARA of Downstream Network	2
% Agricultural Cover in ARA of Upstream Network	11.55	% Other Impervious in ARA of Upstream Network	1.66
% Agricultural Cover in ARA of Downstream Network	27.91	% Other Impervious in ARA of Downstream Network	3.88
% Impervious Surf in ARA of Upstream Network	0.9		
% Impervious Surf in ARA of Downstream Network	3.93		

Metric descriptions can be found at:

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_40-102		INTAKE		Pikes Creek Reservoir	
Network, System Type and Condition					
Functional Upstream Network (mi)	18.89	Upstream Size Class Gain (#)		0	
Total Functional Network (mi)	7091.44	# Downsteam Natural Barriers		0	
Absolute Gain (mi)	18.89	# Downstream Hydropower Dams		4	
# Size Classes in Total Network	7	# Downstream Dams with Passage		5	
# Upstream Network Size Classes	2	# of Downstream Barriers		6	
NFHAP Cumulative Disturbance Index		Moderate			
Dam is on Conserved Land		Yes			
% Conserved Land in 100m Buffer of Upstream Network		6.95			
% Conserved Land in 100m Buffer of Downstream Network		6.98			
Density of Crossings in Upstream Network Watershed (#/m2)		0.67			
Density of Crossings in Downstream Network Watershed (#/m2)		0.98			
Density of off-channel dams in Upstream Network Watershed (#/m2)		0			
Density of off-channel dams in Downstream Network Watershed (#/m2)		0.01			
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		Current	
One or More DS Anadromous Species	Historical	# Diadromous Sp Dnstrm (incl eel)		1	
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		N/A	
Barrier Blocks an EBTJV Catchment	No	MD MBSS Fish IBI Stream Health		N/A	
Barrier Blocks a Modeled BKT Catchment (DeWeber)	No	MD MBSS Combined IBI Stream Health		N/A	
Native Fish Species Richness (HUC8)	37	VA INSTAR mIBI Stream Health		N/A	
# Rare Fish (HUC8)	0	PA IBI Stream Health		Fair	
# Rare Mussel (HUC8)	2				
# 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	Yes	Rare fish or mussel in upstream or downstream functional network		Yes	

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