



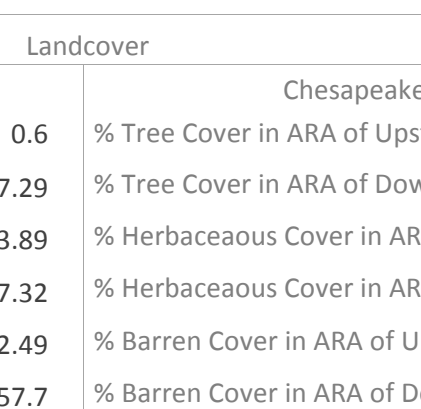
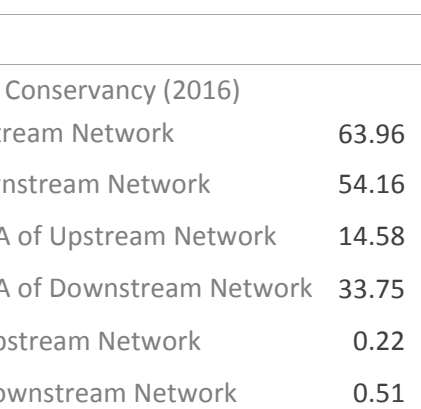
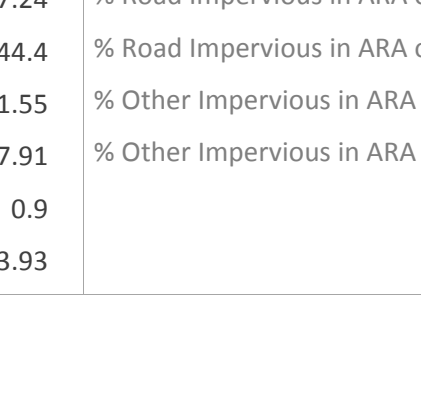
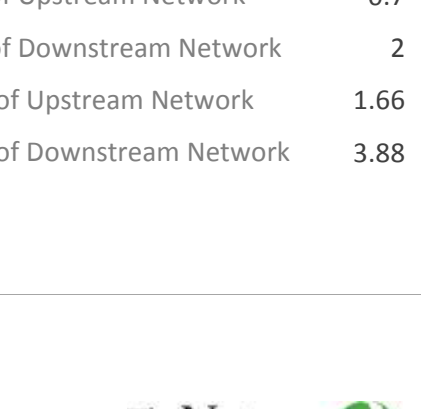


Chesapeake Fish Passage Prioritization - Dam Fact Sheet

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	# Downstream 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
Presence of 1 or More Downstream Anadromous Species	Historical		
# 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)	37
# Rare Fish (HUC8)	0
# Rare Mussel (HUC8)	2
# Rare Crayfish (HUC8)	0

Stream Health

Chesapeake Bay Program Stream Health	FAIR
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	Fair

Metric descriptions can be found at:

http://52.53.143.233/chesapeake-dev/plugins/barrier-prioritization-proto2/images/Metric_Glossary.pdf