



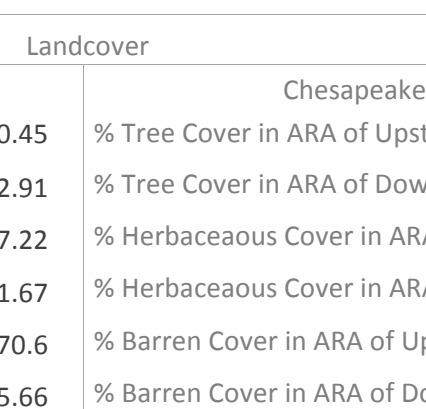
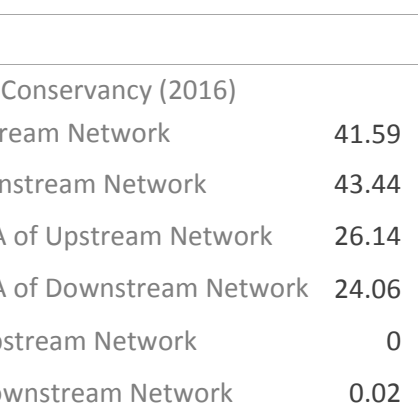
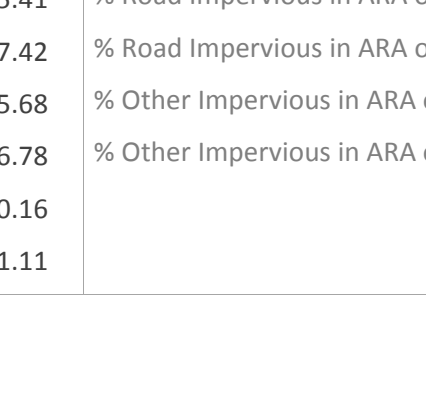
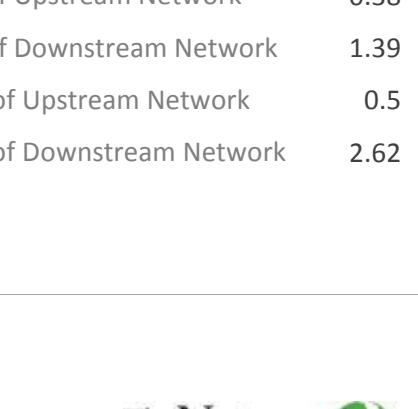
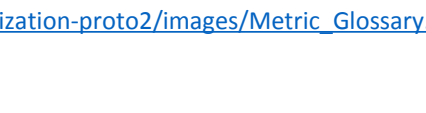



Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: PA_PA00894 STEVENS LAKE		Mud Pond	
Bay-wide Diadromous Tier	15		
Bay-wide Resident Tier	11		
Bay-wide Brook Trout Tier	N/A		
NID ID	PA00894		
State ID	PA00894		
River Name			
Dam Height (ft)	9		
Dam Type	Earth		
Latitude	41.5986		
Longitude	-75.9424		
Passage Facilities	None Documented		
Passage Year	N/A		
Size Class	1a: Headwater (0 - 3.861 sq mi)		
HUC 12	Lower Tunkhannock Creek		
HUC 10	Tunkhannock Creek		
HUC 8	Upper Susquehanna-Tunkhannock		
HUC 6	Upper Susquehanna		
HUC 4	Susquehanna		

Landcover			
NLCD (2011)		Chesapeake Conservancy (2016)	
% Impervious Surface in Upstream Drainage Area	0.45	% Tree Cover in ARA of Upstream Network	41.59
% Natural Cover in Upstream Drainage Area	42.91	% Tree Cover in ARA of Downstream Network	43.44
% Forested in Upstream Drainage Area	27.22	% Herbaceous Cover in ARA of Upstream Network	26.14
% Agriculture in Upstream Drainage Area	51.67	% Herbaceous Cover in ARA of Downstream Network	24.06
% Natural Cover in ARA of Upstream Network	70.6	% Barren Cover in ARA of Upstream Network	0
% Natural Cover in ARA of Downstream Network	75.66	% Barren Cover in ARA of Downstream Network	0.02
% Forest Cover in ARA of Upstream Network	25.41	% Road Impervious in ARA of Upstream Network	0.38
% Forest Cover in ARA of Downstream Network	27.42	% Road Impervious in ARA of Downstream Network	1.39
% Agricultural Cover in ARA of Upstream Network	25.68	% Other Impervious in ARA of Upstream Network	0.5
% Agricultural Cover in ARA of Downstream Network	16.78	% Other Impervious in ARA of Downstream Network	2.62
% Impervious Surf in ARA of Upstream Network	0.16		
% Impervious Surf in ARA of Downstream Network	1.11		

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_PA00894**

STEVENS LAKE

Mud Pond

Network, System Type and Condition			
Functional Upstream Network (mi)	3.32	Upstream Size Class Gain (#)	0
Total Functional Network (mi)	8.57	# Downstream Natural Barriers	0
Absolute Gain (mi)	3.32	# Downstream Hydropower Dams	4
# Size Classes in Total Network	1	# Downstream Dams with Passage	5
# Upstream Network Size Classes	1	# of Downstream Barriers	8
NFHAP Cumulative Disturbance Index		Not Scored / Unavailable at this scale	
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)		0.5	
Density of Crossings in Downstream Network Watershed (#/m2)		0.87	
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	None Documented	Downstream Shortnose Sturgeon	None Documented
Downstream Hickory Shad	None Documented	Downstream American Eel	Current
One or More DS Anadromous Species	None Docume	# 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)	34	VA INSTAR mIBI Stream Health	N/A
# Rare Fish (HUC8)	1	PA IBI Stream Health	Good
# 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	No	Rare fish or mussel in upstream or downstream functional network	No

Metric descriptions can be found at:

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