



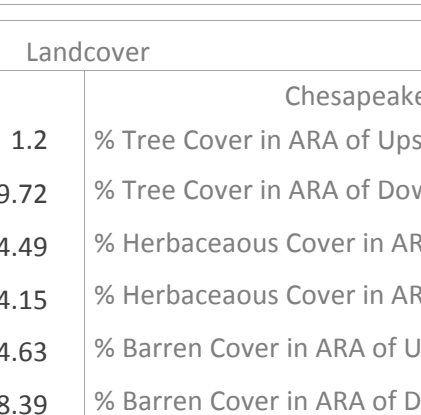
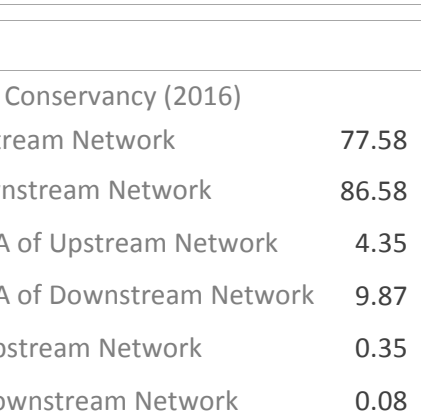
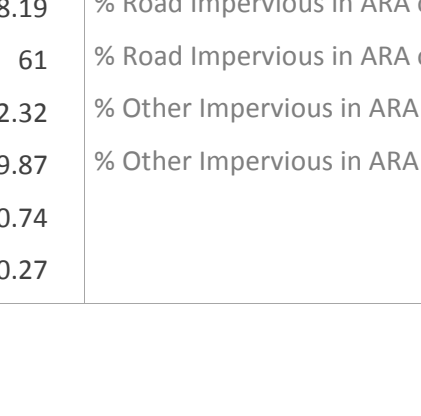
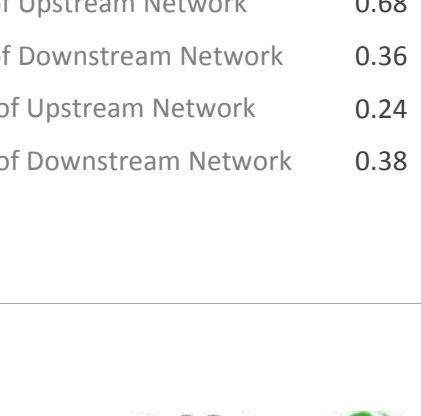
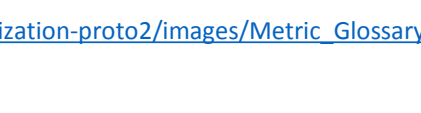


Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: VA_435		LEE DAM	Nottoway Dam
Diadromous Tier	2		
Brook Trout Tier	N/A		
Resident Tier	1		
NID ID	VA13507		
State ID	435		
River Name	Lees Creek		
Dam Height (ft)	35		
Dam Type	Earth		
Latitude	37.1671		
Longitude	-77.9831		
Passage Facilities	None Documented		
Passage Year	N/A		
Size Class	1b: Creek (3.861 - 38.61 sq mi)		
HUC 12	Cellar Creek		
HUC 10	Deep Creek		
HUC 8	Appomattox		
HUC 6	James		
HUC 4	Lower Chesapeake		

Landcover			
NLCD (2011)		Chesapeake Conservancy (2016)	
% Impervious Surface in Upstream Drainage Area	1.2	% Tree Cover in ARA of Upstream Network	77.58
% Natural Cover in Upstream Drainage Area	79.72	% Tree Cover in ARA of Downstream Network	86.58
% Forested in Upstream Drainage Area	64.49	% Herbaceous Cover in ARA of Upstream Network	4.35
% Agriculture in Upstream Drainage Area	14.15	% Herbaceous Cover in ARA of Downstream Network	9.87
% Natural Cover in ARA of Upstream Network	94.63	% Barren Cover in ARA of Upstream Network	0.35
% Natural Cover in ARA of Downstream Network	88.39	% Barren Cover in ARA of Downstream Network	0.08
% Forest Cover in ARA of Upstream Network	58.19	% Road Impervious in ARA of Upstream Network	0.68
% Forest Cover in ARA of Downstream Network	61	% Road Impervious in ARA of Downstream Network	0.36
% Agricultural Cover in ARA of Upstream Network	2.32	% Other Impervious in ARA of Upstream Network	0.24
% Agricultural Cover in ARA of Downstream Network	9.87	% Other Impervious in ARA of Downstream Network	0.38
% Impervious Surf in ARA of Upstream Network	0.74		
% Impervious Surf in ARA of Downstream Network	0.27		

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: VA_435		LEE DAM		Nottoway Dam	
Network, System Type and Condition					
Functional Upstream Network (mi)	13.23	Upstream Size Class Gain (#)	0		
Total Functional Network (mi)	2969.91	# Downstream Natural Barriers	0		
Absolute Gain (mi)	13.23	# Downstream Hydropower Dams	3		
# Size Classes in Total Network	5	# Downstream Dams with Passage	3		
# Upstream Network Size Classes	2	# of Downstream Barriers	3		
NFHAP Cumulative Disturbance Index		Not Scored / Unavailable at this scale			
Dam is on Conserved Land		No			
% Conserved Land in 100m Buffer of Upstream Network		1.66			
% Conserved Land in 100m Buffer of Downstream Network		5.91			
Density of Crossings in Upstream Network Watershed (#/m2)		0.52			
Density of Crossings in Downstream Network Watershed (#/m2)		0.5			
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	Current	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		Current			
# Diadromous Species Downstream (incl eel)		2			
Resident Fish			Stream Health		
Barrier is in EBTJV BKT Catchment	No	Chesapeake Bay Program Stream Health	POOR		
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)	58	VA INSTAR mIBI Stream Health	Moderate		
# Rare Fish (HUC8)	1	PA IBI Stream Health	N/A		
# Rare Mussel (HUC8)	3				
# Rare Crayfish (HUC8)	0				

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