



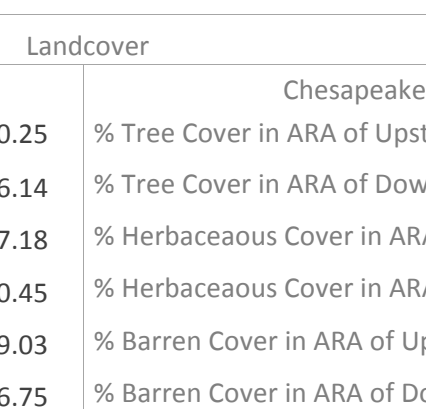
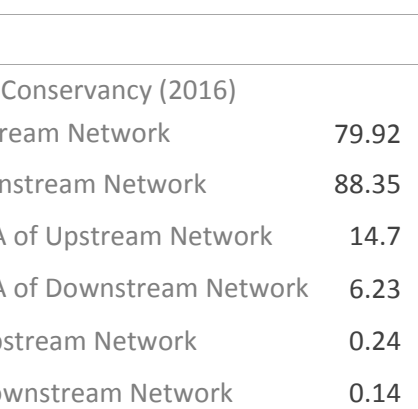
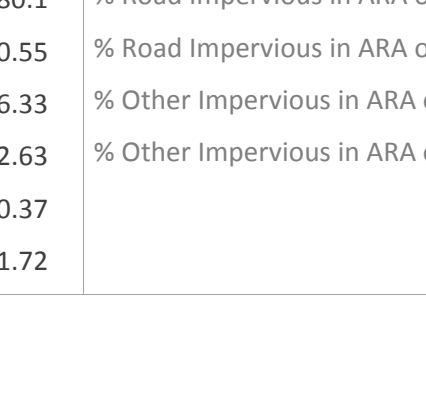
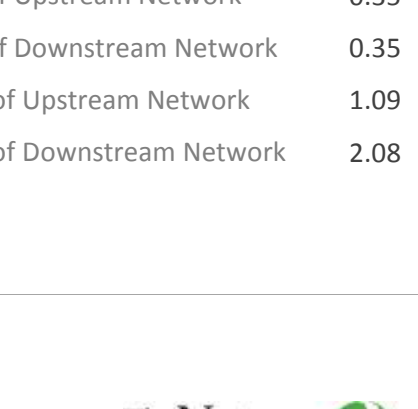
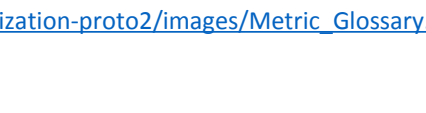



Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: MD_MDE69		Jennings Randolph Dam	Bloomington Dam
Bay-wide Diadromous Tier	15		
Bay-wide Resident Tier	2		
Bay-wide Brook Trout Tier	N/A		
NID ID	MD00069		
State ID	MDE69		
River Name	North Branch Potomac River		
Dam Height (ft)	296		
Dam Type			
Latitude	39.4331		
Longitude	-79.1216		
Passage Facilities	None Documented		
Passage Year	N/A		
Size Class	3a: Medium Tributary River (200		
HUC 12	Piney Swamp Run-North Branch		
HUC 10	Stony River-North Branch Poto		
HUC 8	North Branch Potomac		
HUC 6	Potomac		
HUC 4	Potomac		

Landcover			
NLCD (2011)		Chesapeake Conservancy (2016)	
% Impervious Surface in Upstream Drainage Area	0.25	% Tree Cover in ARA of Upstream Network	79.92
% Natural Cover in Upstream Drainage Area	86.14	% Tree Cover in ARA of Downstream Network	88.35
% Forested in Upstream Drainage Area	77.18	% Herbaceous Cover in ARA of Upstream Network	14.7
% Agriculture in Upstream Drainage Area	10.45	% Herbaceous Cover in ARA of Downstream Network	6.23
% Natural Cover in ARA of Upstream Network	89.03	% Barren Cover in ARA of Upstream Network	0.24
% Natural Cover in ARA of Downstream Network	86.75	% Barren Cover in ARA of Downstream Network	0.14
% Forest Cover in ARA of Upstream Network	80.1	% Road Impervious in ARA of Upstream Network	0.35
% Forest Cover in ARA of Downstream Network	80.55	% Road Impervious in ARA of Downstream Network	0.35
% Agricultural Cover in ARA of Upstream Network	6.33	% Other Impervious in ARA of Upstream Network	1.09
% Agricultural Cover in ARA of Downstream Network	2.63	% Other Impervious in ARA of Downstream Network	2.08
% Impervious Surf in ARA of Upstream Network	0.37		
% Impervious Surf in ARA of Downstream Network	1.72		

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: MD_MDE69		Jennings Randolph Dam		Bloomington Dam	
Network, System Type and Condition					
Functional Upstream Network (mi)	324.01	Upstream Size Class Gain (#)		0	
Total Functional Network (mi)	368.13	# Downstream Natural Barriers		1	
Absolute Gain (mi)	44.12	# Downstream Hydropower Dams		2	
# Size Classes in Total Network	4	# Downstream Dams with Passage		1	
# Upstream Network Size Classes	4	# of Downstream Barriers		8	
NFHAP Cumulative Disturbance Index		Low			
Dam is on Conserved Land		No			
% Conserved Land in 100m Buffer of Upstream Network		9.25			
% Conserved Land in 100m Buffer of Downstream Network		22.27			
Density of Crossings in Upstream Network Watershed (#/m2)		0.52			
Density of Crossings in Downstream Network Watershed (#/m2)		0.75			
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		None Documented	
One or More DS Anadromous Species	None Docume	# Diadromous Sp Dnstrm (incl eel)		0	
Resident Fish and Rare Species			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		Poor	
Barrier Blocks an EBTJV Catchment	No	MD MBSS Fish IBI Stream Health		Poor	
Barrier Blocks a Modeled BKT Catchment (DeWeber)	No	MD MBSS Combined IBI Stream Health		Poor	
Native Fish Species Richness (HUC8)	36	VA INSTAR mIBI Stream Health		N/A	
# Rare Fish (HUC8)	0	PA IBI Stream Health		N/A	
# Rare Mussel (HUC8)	3				
# 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	

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