



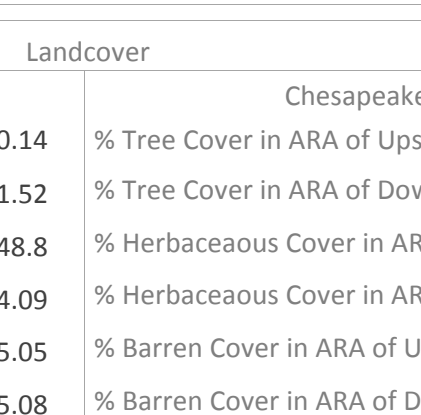
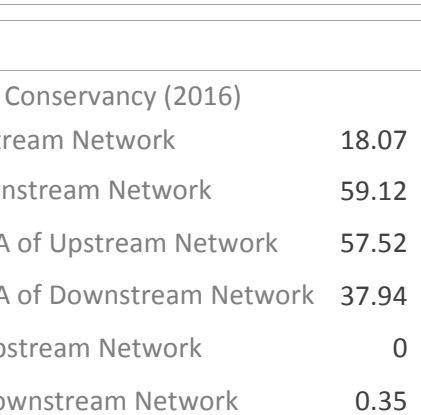
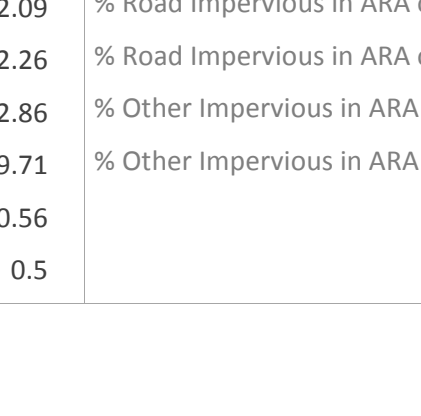
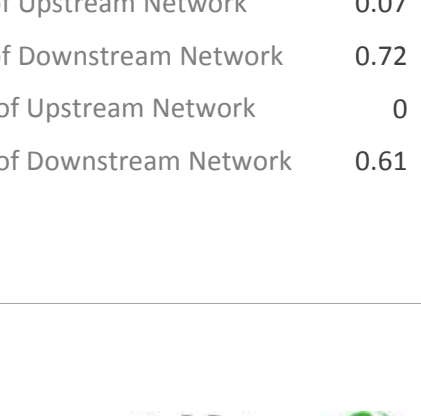


Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: VA_113		PRUESS FARM DAM	Teel Mt. Farm Dam
Diadromous Tier	7		
Brook Trout Tier	N/A		
Resident Tier	10		
NID ID	VA07902		
State ID	113		
River Name			
Dam Height (ft)	29		
Dam Type	Other		
Latitude	38.3483		
Longitude	-78.4411		
Passage Facilities	None Documented		
Passage Year	N/A		
Size Class	1a: Headwater (0 - 3.861 sq mi)		
HUC 12	South River-Rapidan River		
HUC 10	Conway River-Rapidan River		
HUC 8	Rapidan-Upper Rappahannock		
HUC 6	Lower Chesapeake		
HUC 4	Lower Chesapeake		

Landcover			
NLCD (2011)		Chesapeake Conservancy (2016)	
% Impervious Surface in Upstream Drainage Area	0.14	% Tree Cover in ARA of Upstream Network	18.07
% Natural Cover in Upstream Drainage Area	51.52	% Tree Cover in ARA of Downstream Network	59.12
% Forested in Upstream Drainage Area	48.8	% Herbaceous Cover in ARA of Upstream Network	57.52
% Agriculture in Upstream Drainage Area	44.09	% Herbaceous Cover in ARA of Downstream Network	37.94
% Natural Cover in ARA of Upstream Network	45.05	% Barren Cover in ARA of Upstream Network	0
% Natural Cover in ARA of Downstream Network	45.08	% Barren Cover in ARA of Downstream Network	0.35
% Forest Cover in ARA of Upstream Network	12.09	% Road Impervious in ARA of Upstream Network	0.07
% Forest Cover in ARA of Downstream Network	42.26	% Road Impervious in ARA of Downstream Network	0.72
% Agricultural Cover in ARA of Upstream Network	42.86	% Other Impervious in ARA of Upstream Network	0
% Agricultural Cover in ARA of Downstream Network	49.71	% Other Impervious in ARA of Downstream Network	0.61
% Impervious Surf in ARA of Upstream Network	0.56		
% Impervious Surf in ARA of Downstream Network	0.5		

Metric descriptions can be found at:

http://52.53.143.233/chesapeake-dev/plugins/barrier-prioritization-prot2/images/Metric_Glossary.pdf

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CFPPP Unique ID: VA_113		PRUESS FARM DAM		Teel Mt. Farm Dam	
Network, System Type and Condition					
Functional Upstream Network (mi)	0.7	Upstream Size Class Gain (#)	0		
Total Functional Network (mi)	521.18	# Downsteam Natural Barriers	0		
Absolute Gain (mi)	0.7	# Downstream Hydropower Dams	0		
# Size Classes in Total Network	4	# Downstream Dams with Passage	1		
# Upstream Network Size Classes	1	# of Downstream Barriers	2		
NFHAP Cumulative Disturbance Index		High			
Dam is on Conserved Land		Yes			
% Conserved Land in 100m Buffer of Upstream Network		77.31			
% Conserved Land in 100m Buffer of Downstream Network		33.18			
Density of Crossings in Upstream Network Watershed (#/m2)		0			
Density of Crossings in Downstream Network Watershed (#/m2)		0.88			
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	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			Stream Health		
Barrier is in EBTJV BKT Catchment	No	Chesapeake Bay Program Stream Health	EXCELLENT		
Barrier is in Modeled BKT Catchment (DeWeber)	No	MD MBSS Benthic IBI Stream Health	N/A		
Barrier Blocks an EBTJV Catchment	Yes	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)	38	VA INSTAR mIBI Stream Health	Very High		
# Rare Fish (HUC8)	0	PA IBI Stream Health	N/A		
# Rare Mussel (HUC8)	4				
# Rare Crayfish (HUC8)	0				

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