



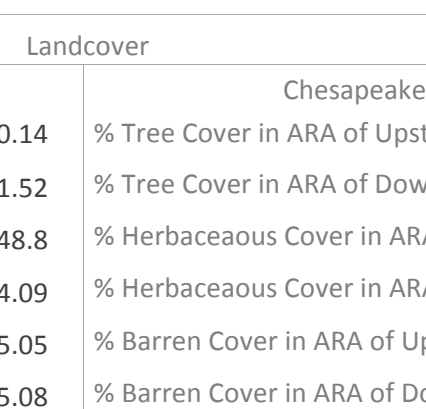
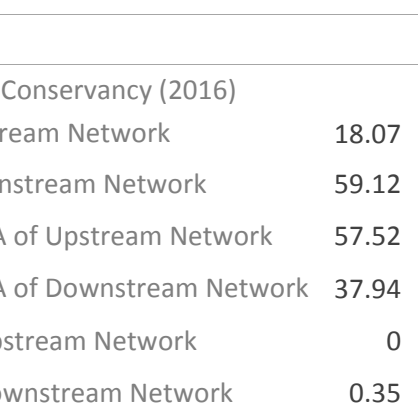
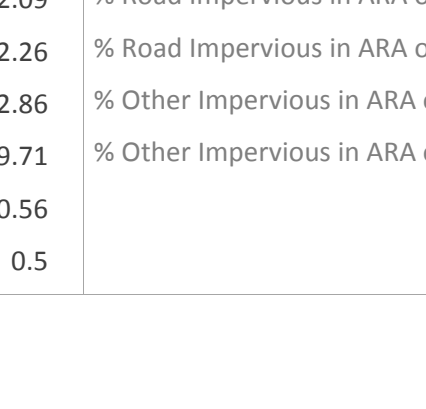
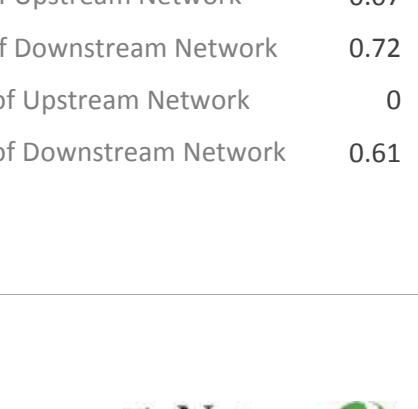


Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: VA_113		PRUESS FARM DAM	Teel Mt. Farm Dam
Bay-wide Diadromous Tier	7		
Bay-wide Resident Tier	10		
Bay-wide Brook Trout Tier	N/A		
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-proto2/images/Metric_Glossary.pdf

Chesapeake Fish Passage Prioritization - Dam Fact Sheet

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	# Downstream 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

Barrier is in EBTJV BKT Catchment	No
Barrier is in Modeled BKT Catchment (DeWeber)	No
Barrier Blocks an EBTJV Catchment	Yes
Barrier Blocks a Modeled BKT Catchment (DeWeber)	No
Native Fish Species Richness (HUC8)	38
# Rare Fish (HUC8)	0
# Rare Mussel (HUC8)	4
# Rare Crayfish (HUC8)	0

Stream Health

Chesapeake Bay Program Stream Health	EXCELLENT
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	Very High
PA IBI Stream Health	N/A

Metric descriptions can be found at:

http://52.53.143.233/chesapeake-dev/plugins/barrier-prioritization-prot02/images/Metric_Glossary.pdf