



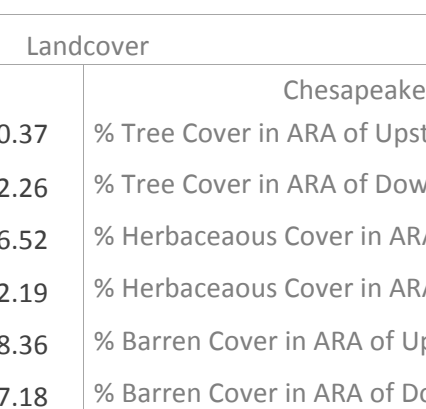
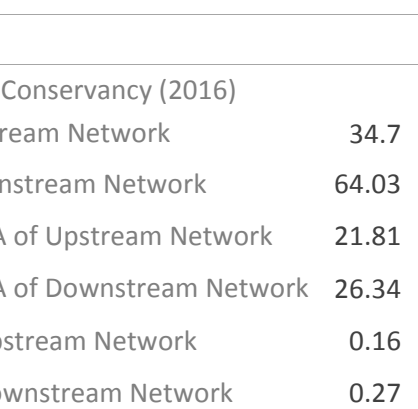
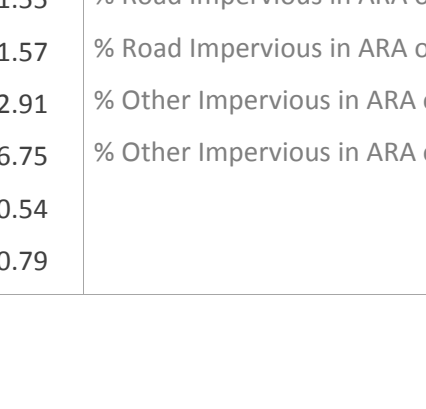
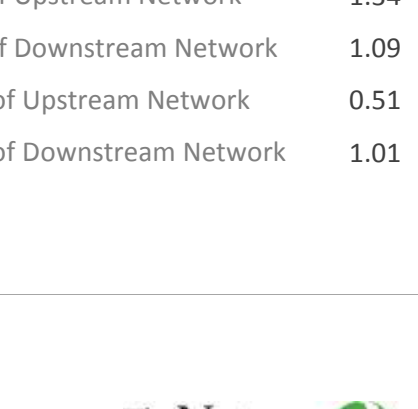
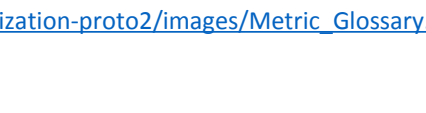



## Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: <b>PA_PA00265</b>		<b>ROSS POND</b>	<b>STAR LAKE</b>
Bay-wide Diadromous Tier	14		
Bay-wide Resident Tier	4		
Bay-wide Brook Trout Tier	17		
NID ID	PA00265		
State ID	PA00265		
River Name	Ross Pond		
Dam Height (ft)	26		
Dam Type	Earth		
Latitude	41.8989		
Longitude	-75.591		
Passage Facilities	None Documented		
Passage Year	N/A		
Size Class	1a: Headwater (0 - 3.861 sq mi)		
HUC 12	Canawacta Creek-Susquehanna		
HUC 10	Lower Susquehanna River		
HUC 8	Upper Susquehanna		
HUC 6	Upper Susquehanna		
HUC 4	Susquehanna		

Landcover			
NLCD (2011)		Chesapeake Conservancy (2016)	
% Impervious Surface in Upstream Drainage Area	0.37	% Tree Cover in ARA of Upstream Network	34.7
% Natural Cover in Upstream Drainage Area	72.26	% Tree Cover in ARA of Downstream Network	64.03
% Forested in Upstream Drainage Area	56.52	% Herbaceous Cover in ARA of Upstream Network	21.81
% Agriculture in Upstream Drainage Area	22.19	% Herbaceous Cover in ARA of Downstream Network	26.34
% Natural Cover in ARA of Upstream Network	78.36	% Barren Cover in ARA of Upstream Network	0.16
% Natural Cover in ARA of Downstream Network	77.18	% Barren Cover in ARA of Downstream Network	0.27
% Forest Cover in ARA of Upstream Network	31.55	% Road Impervious in ARA of Upstream Network	1.34
% Forest Cover in ARA of Downstream Network	61.57	% Road Impervious in ARA of Downstream Network	1.09
% Agricultural Cover in ARA of Upstream Network	12.91	% Other Impervious in ARA of Upstream Network	0.51
% Agricultural Cover in ARA of Downstream Network	16.75	% Other Impervious in ARA of Downstream Network	1.01
% Impervious Surf in ARA of Upstream Network	0.54		
% Impervious Surf in ARA of Downstream Network	0.79		

Metric descriptions can be found at:

[http://52.53.143.233/chesapeake-dev/plugins/barrier-prioritization-proto2/images/Metric\\_Glossary.pdf](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\_PA00265**

**ROSS POND**

**STAR LAKE**

## Network, System Type and Condition

Functional Upstream Network (mi)	2.1	Upstream Size Class Gain (#)	0
Total Functional Network (mi)	197.64	# Downstream Natural Barriers	0
Absolute Gain (mi)	2.1	# Downstream Hydropower Dams	6
# Size Classes in Total Network	4	# Downstream Dams with Passage	5
# Upstream Network Size Classes	1	# of Downstream Barriers	11
NFHAP Cumulative Disturbance Index	High		
Dam is on Conserved Land	No		
% Conserved Land in 100m Buffer of Upstream Network	0		
% Conserved Land in 100m Buffer of Downstream Network	7.89		
Density of Crossings in Upstream Network Watershed (#/m2)	0.83		
Density of Crossings in Downstream Network Watershed (#/m2)	0.93		
Density of off-channel dams in Upstream Network Watershed (#/m2)	0		
Density of off-channel dams in Downstream Network Watershed (#/m2)	0.01		

## 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
Presence of 1 or More Downstream Anadromous Species	None Documented		
# Diadromous Species Downstream (incl eel)	1		

## Resident Fish

Barrier is in EBTJV BKT Catchment	Yes
Barrier is in Modeled BKT Catchment (DeWeber)	Yes
Barrier Blocks an EBTJV Catchment	No
Barrier Blocks a Modeled BKT Catchment (DeWeber)	No
Native Fish Species Richness (HUC8)	48
# Rare Fish (HUC8)	2
# Rare Mussel (HUC8)	2
# Rare Crayfish (HUC8)	0

## Stream Health

Chesapeake Bay Program Stream Health	GOOD
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	N/A
PA IBI Stream Health	Good

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