


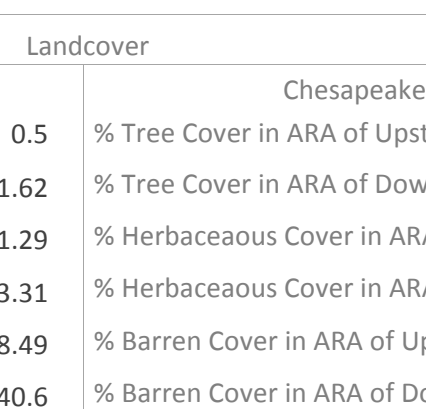
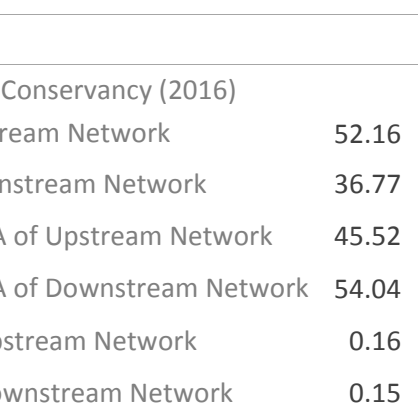
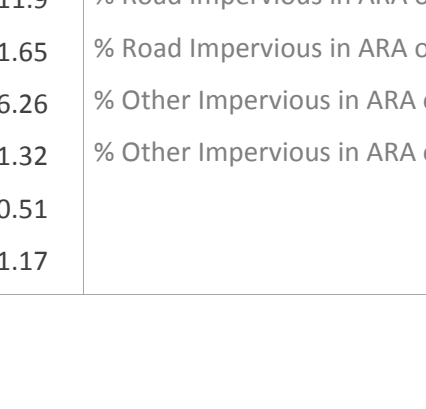
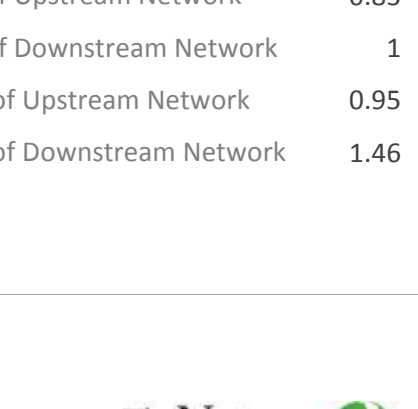
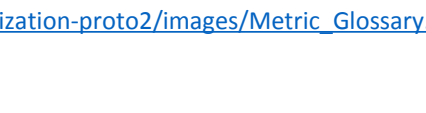



## Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: <b>MD_12189</b>		<b>JONES LAKE DAM</b>	<b>ANDOVER DAM</b>
Bay-wide Diadromous Tier	1		
Bay-wide Resident Tier	5		
Bay-wide Brook Trout Tier	N/A		
NID ID	MD00170		
State ID	12189		
River Name	Andover Branch		
Dam Height (ft)	13		
Dam Type	Earth		
Latitude	39.247		
Longitude	-75.818		
Passage Facilities	Denil		
Passage Year	2004		
Size Class	2: Small River (38.61 - 200 sq mi)		
HUC 12	Andover Branch		
HUC 10	Chester River		
HUC 8	Chester-Sassafras		
HUC 6	Upper Chesapeake		
HUC 4	Upper Chesapeake		

Landcover			
NLCD (2011)		Chesapeake Conservancy (2016)	
% Impervious Surface in Upstream Drainage Area	0.5	% Tree Cover in ARA of Upstream Network	52.16
% Natural Cover in Upstream Drainage Area	41.62	% Tree Cover in ARA of Downstream Network	36.77
% Forested in Upstream Drainage Area	11.29	% Herbaceous Cover in ARA of Upstream Network	45.52
% Agriculture in Upstream Drainage Area	53.31	% Herbaceous Cover in ARA of Downstream Network	54.04
% Natural Cover in ARA of Upstream Network	48.49	% Barren Cover in ARA of Upstream Network	0.16
% Natural Cover in ARA of Downstream Network	40.6	% Barren Cover in ARA of Downstream Network	0.15
% Forest Cover in ARA of Upstream Network	11.9	% Road Impervious in ARA of Upstream Network	0.83
% Forest Cover in ARA of Downstream Network	11.65	% Road Impervious in ARA of Downstream Network	1
% Agricultural Cover in ARA of Upstream Network	46.26	% Other Impervious in ARA of Upstream Network	0.95
% Agricultural Cover in ARA of Downstream Network	51.32	% Other Impervious in ARA of Downstream Network	1.46
% Impervious Surf in ARA of Upstream Network	0.51		
% Impervious Surf in ARA of Downstream Network	1.17		

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: MD_12189		JONES LAKE DAM		ANDOVER DAM	
Network, System Type and Condition					
Functional Upstream Network (mi)	118.1	Upstream Size Class Gain (#)		0	
Total Functional Network (mi)	739.16	# Downsteam Natural Barriers		0	
Absolute Gain (mi)	118.1	# Downstream Hydropower Dams		0	
# Size Classes in Total Network	4	# Downstream Dams with Passage		0	
# Upstream Network Size Classes	3	# of Downstream Barriers		0	
NFHAP Cumulative Disturbance Index		Not Scored / Unavailable at this scale			
Dam is on Conserved Land		No			
% Conserved Land in 100m Buffer of Upstream Network		22.18			
% Conserved Land in 100m Buffer of Downstream Network		20.13			
Density of Crossings in Upstream Network Watershed (#/m2)		0.64			
Density of Crossings in Downstream Network Watershed (#/m2)		0.46			
Density of off-channel dams in Upstream Network Watershed (#/m2)		0			
Density of off-channel dams in Downstream Network Watershed (#/m2)		0.02			
Diadromous Fish					
Downstream Alewife	Current	Downstream Striped Bass		None Documented	
Downstream Blueback	Current	Downstream Atlantic Sturgeon		None Documented	
Downstream American Shad	Current	Downstream Shortnose Sturgeon		None Documented	
Downstream Hickory Shad	Current	Downstream American Eel		Current	
One or More DS Anadromous Species	Current	# Diadromous Sp Dnstrm (incl eel)		5	
Resident Fish and Rare Species			Stream Health		
Barrier is in EBTJV BKT Catchment	No	Chesapeake Bay Program Stream Health		FAIR	
Barrier is in Modeled BKT Catchment (DeWeber)	No	MD MBSS Benthic IBI Stream Health		Fair	
Barrier Blocks an EBTJV Catchment	No	MD MBSS Fish IBI Stream Health		Fair	
Barrier Blocks a Modeled BKT Catchment (DeWeber)	No	MD MBSS Combined IBI Stream Health		Fair	
Native Fish Species Richness (HUC8)	48	VA INSTAR mIBI Stream Health		N/A	
# Rare Fish (HUC8)	1	PA IBI Stream Health		N/A	
# Rare Mussel (HUC8)	2				
# Rare Crayfish (HUC8)	0				
Globally rare or fed listed fish/mussel sp HUC12	No	Rare fish or mussel sp in HUC12		Yes	
Globally rare or fed listed fish/mussel sp in upstream or downstream functional network	Yes	Rare fish or mussel in upstream or downstream functional network		Yes	

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