


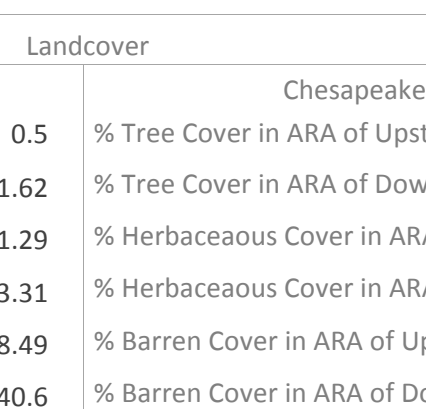
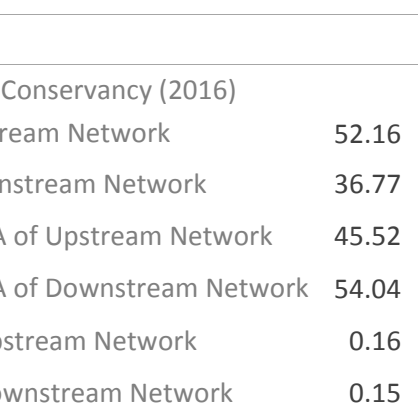
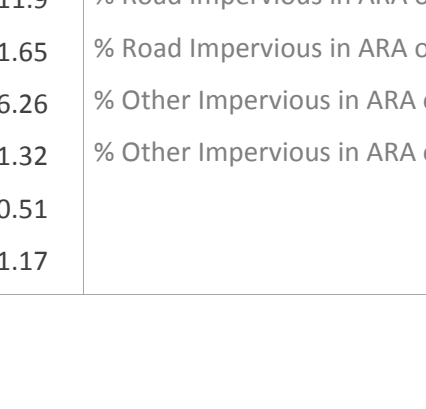
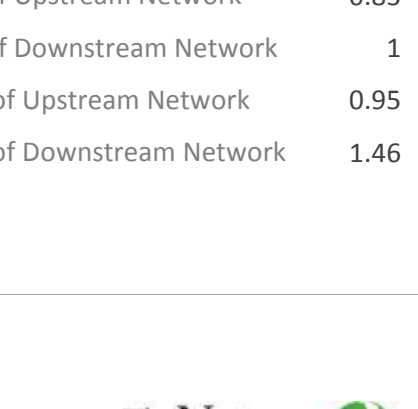
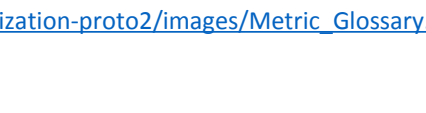



## Chesapeake Fish Passage Prioritization - Dam Fact Sheet

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	# Downstream 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
Presence of 1 or More Downstream Anadromous Species	Current		
# Diadromous Species Downstream (incl eel)	5		

## Resident Fish

Barrier is in EBTJV BKT Catchment	No
Barrier is in Modeled BKT Catchment (DeWeber)	No
Barrier Blocks an EBTJV Catchment	No
Barrier Blocks a Modeled BKT Catchment (DeWeber)	No
Native Fish Species Richness (HUC8)	48
# Rare Fish (HUC8)	1
# Rare Mussel (HUC8)	2
# Rare Crayfish (HUC8)	0

## Stream Health

Chesapeake Bay Program Stream Health	FAIR
MD MBSS Benthic IBI Stream Health	Fair
MD MBSS Fish IBI Stream Health	Fair
MD MBSS Combined IBI Stream Health	Fair
VA INSTAR mIBI Stream Health	N/A
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](http://52.53.143.233/chesapeake-dev/plugins/barrier-prioritization-prot02/images/Metric_Glossary.pdf)