



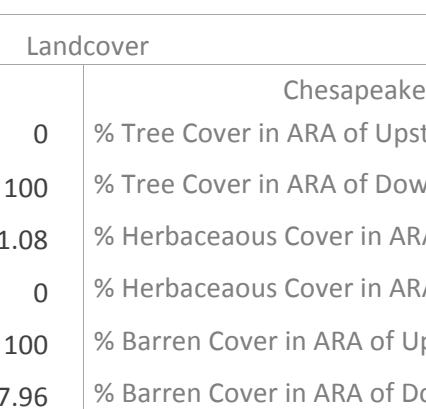
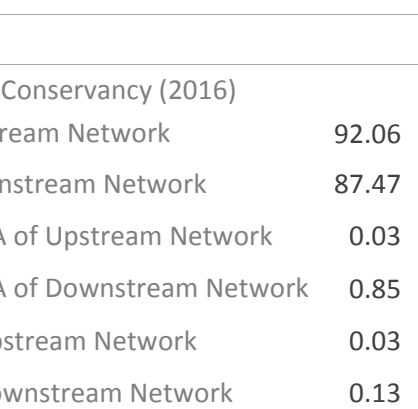
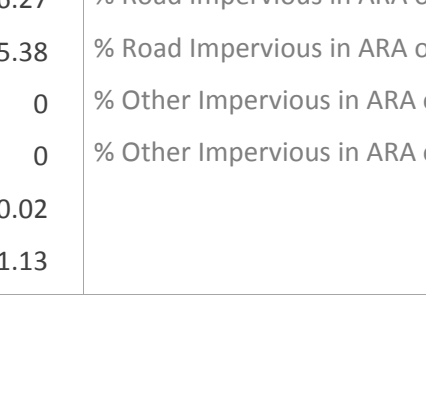
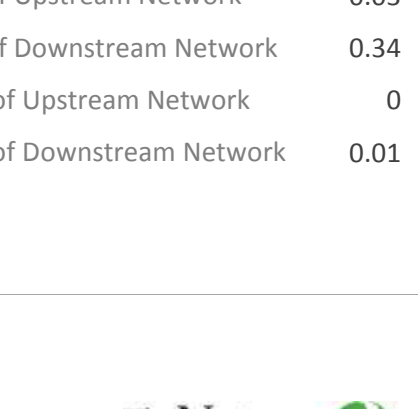
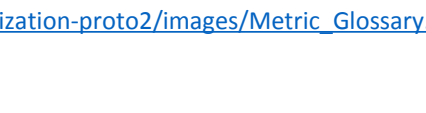



## Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: <b>PA_35-024</b> <b>NO 4</b>		<b>Dumnore Reservoir No 4</b>	
Bay-wide Diadromous Tier	15		
Bay-wide Resident Tier	6		
Bay-wide Brook Trout Tier	5		
NID ID			
State ID	35-024		
River Name			
Dam Height (ft)	14		
Dam Type	Earth		
Latitude	41.4229		
Longitude	-75.5357		
Passage Facilities	None Documented		
Passage Year	N/A		
Size Class	1a: Headwater (0 - 3.861 sq mi)		
HUC 12	Grassy Island Creek-Lackawanna		
HUC 10	Lackawanna River		
HUC 8	Upper Susquehanna-Lackawanna		
HUC 6	Upper Susquehanna		
HUC 4	Susquehanna		

Landcover			
NLCD (2011)		Chesapeake Conservancy (2016)	
% Impervious Surface in Upstream Drainage Area	0	% Tree Cover in ARA of Upstream Network	92.06
% Natural Cover in Upstream Drainage Area	100	% Tree Cover in ARA of Downstream Network	87.47
% Forested in Upstream Drainage Area	91.08	% Herbaceous Cover in ARA of Upstream Network	0.03
% Agriculture in Upstream Drainage Area	0	% Herbaceous Cover in ARA of Downstream Network	0.85
% Natural Cover in ARA of Upstream Network	100	% Barren Cover in ARA of Upstream Network	0.03
% Natural Cover in ARA of Downstream Network	97.96	% Barren Cover in ARA of Downstream Network	0.13
% Forest Cover in ARA of Upstream Network	66.27	% Road Impervious in ARA of Upstream Network	0.03
% Forest Cover in ARA of Downstream Network	75.38	% Road Impervious in ARA of Downstream Network	0.34
% Agricultural Cover in ARA of Upstream Network	0	% Other Impervious in ARA of Upstream Network	0
% Agricultural Cover in ARA of Downstream Network	0	% Other Impervious in ARA of Downstream Network	0.01
% Impervious Surf in ARA of Upstream Network	0.02		
% Impervious Surf in ARA of Downstream Network	1.13		

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\_35-024**

**NO 4**

**Dumnore Reservoir No 4**

### Network, System Type and Condition

Functional Upstream Network (mi)	0.64	Upstream Size Class Gain (#)	0
Total Functional Network (mi)	9.93	# Downstream Natural Barriers	1
Absolute Gain (mi)	0.64	# Downstream Hydropower Dams	4
# Size Classes in Total Network	2	# Downstream Dams with Passage	5
# Upstream Network Size Classes	1	# of Downstream Barriers	10
NFHAP Cumulative Disturbance Index	Low		
Dam is on Conserved Land	No		
% Conserved Land in 100m Buffer of Upstream Network	0		
% Conserved Land in 100m Buffer of Downstream Network	5.34		
Density of Crossings in Upstream Network Watershed (#/m2)	0		
Density of Crossings in Downstream Network Watershed (#/m2)	0		
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	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	None Documented
Presence of 1 or More Downstream Anadromous Species	None Documented		
# Diadromous Species Downstream (incl eel)	0		

### Resident Fish

Barrier is in EBTJV BKT Catchment	No
Barrier is in Modeled BKT Catchment (DeWeber)	Yes
Barrier Blocks an EBTJV Catchment	Yes
Barrier Blocks a Modeled BKT Catchment (DeWeber)	No
Native Fish Species Richness (HUC8)	37
# Rare Fish (HUC8)	0
# Rare Mussel (HUC8)	2
# Rare Crayfish (HUC8)	0

### Stream Health

Chesapeake Bay Program Stream Health	FAIR
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	Fair

Metric descriptions can be found at:

[http://52.53.143.233/chesapeake-dev/plugins/barrier-prioritization-protot2/images/Metric\\_Glossary.pdf](http://52.53.143.233/chesapeake-dev/plugins/barrier-prioritization-protot2/images/Metric_Glossary.pdf)