



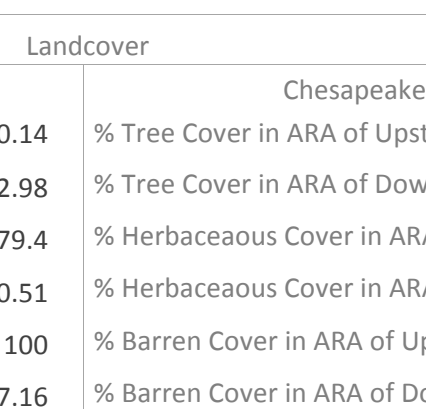
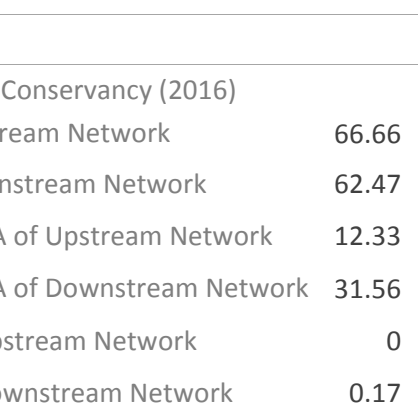
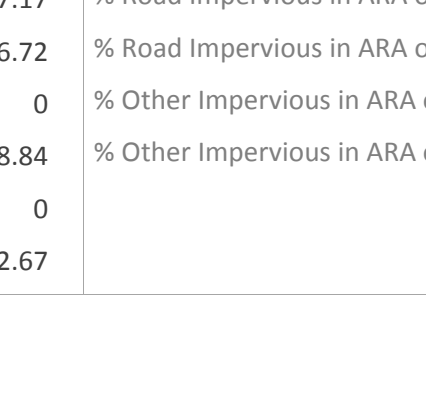
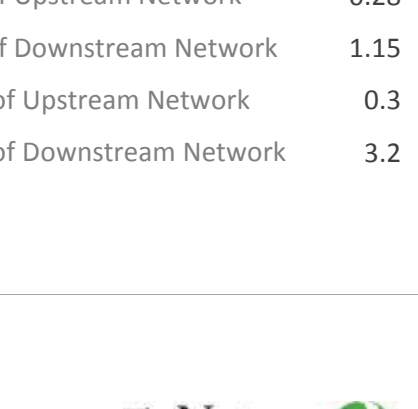
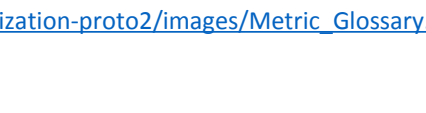



## Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: <b>PA_PA01235</b> <b>KNOUSE FOODS</b>		<b>LAKE OYLER</b>	
Bay-wide Diadromous Tier	18		
Bay-wide Resident Tier	8		
Bay-wide Brook Trout Tier	11		
NID ID	PA01235		
State ID	PA01235		
River Name	Tagg Run		
Dam Height (ft)	28		
Dam Type	Earth		
Latitude	40.037		
Longitude	-77.2308		
Passage Facilities	None Documented		
Passage Year	N/A		
Size Class	1a: Headwater (0 - 3.861 sq mi)		
HUC 12	Mountain Creek		
HUC 10	Yellow Breeches Creek		
HUC 8	Lower Susquehanna-Swatara		
HUC 6	Lower Susquehanna		
HUC 4	Susquehanna		

Landcover			
NLCD (2011)		Chesapeake Conservancy (2016)	
% Impervious Surface in Upstream Drainage Area	0.14	% Tree Cover in ARA of Upstream Network	66.66
% Natural Cover in Upstream Drainage Area	82.98	% Tree Cover in ARA of Downstream Network	62.47
% Forested in Upstream Drainage Area	79.4	% Herbaceous Cover in ARA of Upstream Network	12.33
% Agriculture in Upstream Drainage Area	10.51	% Herbaceous Cover in ARA of Downstream Network	31.56
% Natural Cover in ARA of Upstream Network	100	% Barren Cover in ARA of Upstream Network	0
% Natural Cover in ARA of Downstream Network	57.16	% Barren Cover in ARA of Downstream Network	0.17
% Forest Cover in ARA of Upstream Network	77.17	% Road Impervious in ARA of Upstream Network	0.28
% Forest Cover in ARA of Downstream Network	46.72	% Road Impervious in ARA of Downstream Network	1.15
% Agricultural Cover in ARA of Upstream Network	0	% Other Impervious in ARA of Upstream Network	0.3
% Agricultural Cover in ARA of Downstream Network	28.84	% Other Impervious in ARA of Downstream Network	3.2
% Impervious Surf in ARA of Upstream Network	0		
% Impervious Surf in ARA of Downstream Network	2.67		

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\_PA01235**

**KNOUSE FOODS**

**LAKE OYLER**

## Network, System Type and Condition

Functional Upstream Network (mi)	0.44	Upstream Size Class Gain (#)	0
Total Functional Network (mi)	103.53	# Downstream Natural Barriers	0
Absolute Gain (mi)	0.44	# Downstream Hydropower Dams	4
# Size Classes in Total Network	3	# Downstream Dams with Passage	4
# Upstream Network Size Classes	0	# of Downstream Barriers	8
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	26.55		
Density of Crossings in Upstream Network Watershed (#/m2)	0		
Density of Crossings in Downstream Network Watershed (#/m2)	0.78		
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	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
One or More DS Anadromous Species	None Docume	# Diadromous Sp Dnstrm (incl eel)	1

## Resident Fish and Rare Species

Barrier is in EBTJV BKT Catchment	Yes
Barrier is in Modeled BKT Catchment (DeWeber)	No
Barrier Blocks an EBTJV Catchment	No
Barrier Blocks a Modeled BKT Catchment (DeWeber)	Yes
Native Fish Species Richness (HUC8)	53
# Rare Fish (HUC8)	2
# Rare Mussel (HUC8)	3
# Rare Crayfish (HUC8)	0
Globally rare or fed listed fish/mussel sp HUC12	No
Globally rare or fed listed fish/mussel sp in upstream or downstream functional network	No

## Stream Health

Chesapeake Bay Program Stream Health	ERY_POOR
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

Rare fish or mussel sp in HUC12	No
Rare fish or mussel in upstream or downstream functional network	No

Metric descriptions can be found at:

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