



















Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: PA_PA01235		KNOUSE FOODS	LAKE OYLER	
Diadromous Tier	18	 		
Brook Trout Tier	9			
Resident Tier	8	 		
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

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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		
Presence of 1 or More Downstream Anadromous Species		None Docume			
# Diadromous Species Downstream (incl eel)		1			
Resident Fish		Stream Health			
Barrier is in EBTJV BKT Catchment	Yes	Chesapeake Bay Program Stream Health	VERY_POOR		
Barrier is in Modeled BKT Catchment (DeWeber)	No	MD MBSS Benthic IBI Stream Health	N/A		
Barrier Blocks an EBTJV Catchment	No	MD MBSS Fish IBI Stream Health	N/A		
Barrier Blocks a Modeled BKT Catchment (DeWeber)	Yes	MD MBSS Combined IBI Stream Health	N/A		
Native Fish Species Richness (HUC8)	53	VA INSTAR mIBI Stream Health	N/A		
# Rare Fish (HUC8)	2	PA IBI Stream Health	Fair		
# Rare Mussel (HUC8)	3				
# Rare Crayfish (HUC8)	0				

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