

Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: **VA_1290**

WOLF TRAP FARM POND DAM

Diadromous Tier	6
Brook Trout Tier	N/A
Resident Tier	11
NID ID	
State ID	1290
River Name	Wolftrap Creek
Dam Height (ft)	0
Dam Type	Earth
Latitude	38.9394
Longitude	-77.2633
Passage Facilities	None Documented
Passage Year	N/A
Size Class	1b: Creek (3.861 - 38.61 sq mi)
HUC 12	Difficult Run
HUC 10	Difficult Run-Potomac River
HUC 8	Middle Potomac-Catoctin
HUC 6	Potomac
HUC 4	Potomac



Landcover

NLCD (2011)		Chesapeake Conservancy (2016)	
% Impervious Surface in Upstream Drainage Area	24.59	% Tree Cover in ARA of Upstream Network	57.78
% Natural Cover in Upstream Drainage Area	24.51	% Tree Cover in ARA of Downstream Network	72.74
% Forested in Upstream Drainage Area	21.3	% Herbaceous Cover in ARA of Upstream Network	17.62
% Agriculture in Upstream Drainage Area	0.17	% Herbaceous Cover in ARA of Downstream Network	11.29
% Natural Cover in ARA of Upstream Network	38.84	% Barren Cover in ARA of Upstream Network	0
% Natural Cover in ARA of Downstream Network	68.27	% Barren Cover in ARA of Downstream Network	0.41
% Forest Cover in ARA of Upstream Network	29.44	% Road Impervious in ARA of Upstream Network	8.44
% Forest Cover in ARA of Downstream Network	49.17	% Road Impervious in ARA of Downstream Network	3.9
% Agricultural Cover in ARA of Upstream Network	0.21	% Other Impervious in ARA of Upstream Network	15.63
% Agricultural Cover in ARA of Downstream Network	0.92	% Other Impervious in ARA of Downstream Network	5.16
% Impervious Surf in ARA of Upstream Network	18.4		
% Impervious Surf in ARA of Downstream Network	6.38		

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)	8.62	Upstream Size Class Gain (#)	0
Total Functional Network (mi)	176.11	# Downstream Natural Barriers	0
Absolute Gain (mi)	8.62	# Downstream Hydropower Dams	0
# Size Classes in Total Network	4	# Downstream Dams with Passage	1
# Upstream Network Size Classes	1	# of Downstream Barriers	1
NFHAP Cumulative Disturbance Index	Very High		
Dam is on Conserved Land	No		
% Conserved Land in 100m Buffer of Upstream Network	24.68		
% Conserved Land in 100m Buffer of Downstream Network	29.5		
Density of Crossings in Upstream Network Watershed (#/m2)	2.65		
Density of Crossings in Downstream Network Watershed (#/m2)	1.62		
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	Current	Downstream Striped Bass	None Documented
Downstream Blueback	Current	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	Current		
# Diadromous Species Downstream (incl eel)	3		

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)	51
# Rare Fish (HUC8)	0
# Rare Mussel (HUC8)	4
# Rare Crayfish (HUC8)	0

Stream Health

Chesapeake Bay Program Stream Health	VERY_POOR
MD MBSS Benthic IBI Stream Health	Very Poor
MD MBSS Fish IBI Stream Health	Poor
MD MBSS Combined IBI Stream Health	Poor
VA INSTAR mIBI Stream Health	Moderate
PA IBI Stream Health	N/A

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