

## Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: MD_12061		WHEATON REGIONAL PARK DAM		Pine Lake	
Bay-wide Diadromous Tier	17	 			
Bay-wide Resident Tier	11				
Bay-wide Brook Trout Tier	N/A	 			
NID ID	MD00041				
State ID	12061				
River Name					
Dam Height (ft)	24				
Dam Type	Earth				
Latitude	39.055				
Longitude	-77.0384				
Passage Facilities	None Documented				
Passage Year	N/A				
Size Class	1a: Headwater (0 - 3.861 sq mi)				
HUC 12	Northwest Branch Anacostia Riv				
HUC 10	Anacostia River				
HUC 8	Middle Potomac-Anacostia-Occ				
HUC 6	Potomac				
HUC 4	Potomac				

Landcover					
NLCD (2011)			Chesapeake Conservancy (2016)		
% Impervious Surface in Upstream Drainage Area	6.24		% Tree Cover in ARA of Upstream Network	81.22	
% Natural Cover in Upstream Drainage Area	67.42		% Tree Cover in ARA of Downstream Network	70.93	
% Forested in Upstream Drainage Area	65.96		% Herbaceous Cover in ARA of Upstream Network	6.2	
% Agriculture in Upstream Drainage Area	0		% Herbaceous Cover in ARA of Downstream Network	21.59	
% Natural Cover in ARA of Upstream Network	93.6		% Barren Cover in ARA of Upstream Network	0	
% Natural Cover in ARA of Downstream Network	56.07		% Barren Cover in ARA of Downstream Network	0.39	
% Forest Cover in ARA of Upstream Network	79.2		% Road Impervious in ARA of Upstream Network	0	
% Forest Cover in ARA of Downstream Network	47.81		% Road Impervious in ARA of Downstream Network	2.01	
% Agricultural Cover in ARA of Upstream Network	0		% Other Impervious in ARA of Upstream Network	0.39	
% Agricultural Cover in ARA of Downstream Network	8.48		% Other Impervious in ARA of Downstream Network	4.37	
% Impervious Surf in ARA of Upstream Network	1.05				
% Impervious Surf in ARA of Downstream Network	4.55				

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\_12061**

**WHEATON REGIONAL PARK DAM**

**Pine Lake**

## Network, System Type and Condition

Functional Upstream Network (mi)	0.14	Upstream Size Class Gain (#)	0
Total Functional Network (mi)	59.67	# Downstream Natural Barriers	0
Absolute Gain (mi)	0.14	# Downstream Hydropower Dams	0
# Size Classes in Total Network	2	# Downstream Dams with Passage	1
# Upstream Network Size Classes	0	# of Downstream Barriers	5
NFHAP Cumulative Disturbance Index	Very High		
Dam is on Conserved Land	Yes		
% Conserved Land in 100m Buffer of Upstream Network	100		
% Conserved Land in 100m Buffer of Downstream Network	37.91		
Density of Crossings in Upstream Network Watershed (#/m2)	0		
Density of Crossings in Downstream Network Watershed (#/m2)	1.49		
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	Historical	Downstream Striped Bass	None Documented
Downstream Blueback	Historical	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	Historical		
# Diadromous Species Downstream (incl eel)	0		

## 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)	62
# Rare Fish (HUC8)	1
# Rare Mussel (HUC8)	5
# Rare Crayfish (HUC8)	0

## Stream Health

Chesapeake Bay Program Stream Health	VERY_POOR
MD MBSS Benthic IBI Stream Health	Poor
MD MBSS Fish IBI Stream Health	Fair
MD MBSS Combined IBI Stream Health	Poor
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-proto2/images/Metric\\_Glossary.pdf](http://52.53.143.233/chesapeake-dev/plugins/barrier-prioritization-proto2/images/Metric_Glossary.pdf)