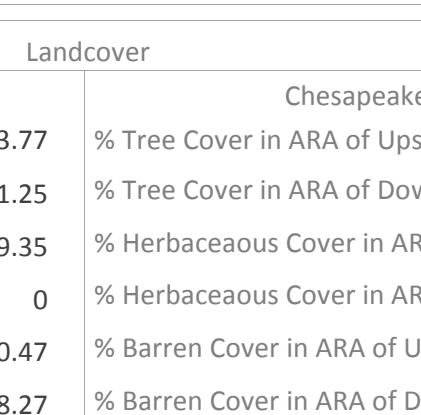


## Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: <b>VA_1157</b>		<b>LAKE WEROWANCE</b>	<b>Mine Run Dam</b>
Diadromous Tier	5		
Brook Trout Tier	N/A		
Resident Tier	15		
NID ID	VA05904		
State ID	1157		
River Name	Mine Run Branch		
Dam Height (ft)	15		
Dam Type	Gravity		
Latitude	38.9971		
Longitude	-77.2739		
Passage Facilities	None Documented		
Passage Year	N/A		
Size Class	1a: Headwater (0 - 3.861 sq mi)		
HUC 12	Nichols Run-Potomac River		
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	3.77	% Tree Cover in ARA of Upstream Network	60.99
% Natural Cover in Upstream Drainage Area	31.25	% Tree Cover in ARA of Downstream Network	72.74
% Forested in Upstream Drainage Area	29.35	% Herbaceous Cover in ARA of Upstream Network	33.61
% Agriculture in Upstream Drainage Area	0	% Herbaceous Cover in ARA of Downstream Network	11.29
% Natural Cover in ARA of Upstream Network	60.47	% 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	51.16	% Road Impervious in ARA of Upstream Network	1.77
% 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	% Other Impervious in ARA of Upstream Network	3.63
% 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	1.76		
% 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](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: <b>VA_1157</b>		<b>LAKE WEROWANCE</b>		<b>Mine Run Dam</b>	
Network, System Type and Condition					
Functional Upstream Network (mi)	0.07	Upstream Size Class Gain (#)		0	
Total Functional Network (mi)	167.56	# Downsteam Natural Barriers		0	
Absolute Gain (mi)	0.07	# Downstream Hydropower Dams		0	
# Size Classes in Total Network	4	# Downstream Dams with Passage		1	
# Upstream Network Size Classes	0	# of Downstream Barriers		1	
NFHAP Cumulative Disturbance Index		Very High			
Dam is on Conserved Land		No			
% Conserved Land in 100m Buffer of Upstream Network		0			
% Conserved Land in 100m Buffer of Downstream Network		29.5			
Density of Crossings in Upstream Network Watershed (#/m2)		0			
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			Stream Health		
Barrier is in EBTJV BKT Catchment	No	Chesapeake Bay Program Stream Health	VERY_POOR		
Barrier is in Modeled BKT Catchment (DeWeber)	No	MD MBSS Benthic IBI Stream Health	Very Poor		
Barrier Blocks an EBTJV Catchment	No	MD MBSS Fish IBI Stream Health	Poor		
Barrier Blocks a Modeled BKT Catchment (DeWeber)	No	MD MBSS Combined IBI Stream Health	Poor		
Native Fish Species Richness (HUC8)	51	VA INSTAR mIBI Stream Health	Moderate		
# Rare Fish (HUC8)	0	PA IBI Stream Health	N/A		
# Rare Mussel (HUC8)	4				
# Rare Crayfish (HUC8)	0				

Metric descriptions can be found at:

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