Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: **MD_WIW13** **Cedarville Pond**

Bay-wide Diadromous Tier	14
Bay-wide Resident Tier	3
Bay-wide Brook Trout Tier	N/A
NID ID	
State ID	WIW13
River Name	
Dam Height (ft)	0
Dam Type	Unspecified Type
Latitude	38.6285
Longitude	-76.8048
Passage Facilities	None Documented
Passage Year	N/A
Size Class	1a: Headwater (0 - 3.861 sq mi)
HUC 12	Jordan Swamp-Zekiah Swamp R
HUC 10	Zekiah Swamp Run
HUC 8	Lower Potomac
HUC 6	Potomac
HUC 4	Potomac

Landcover

NLCD (2011)	
% Impervious Surface in Upstream Drainage Area	1.05
% Natural Cover in Upstream Drainage Area	74.08
% Forested in Upstream Drainage Area	65.54
% Agriculture in Upstream Drainage Area	13
% Natural Cover in ARA of Upstream Network	97.3
% Natural Cover in ARA of Downstream Network	66.8
% Forest Cover in ARA of Upstream Network	24.32
% Forest Cover in ARA of Downstream Network	36.72
% Agricultral Cover in ARA of Upstream Network	0
% Agricultral Cover in ARA of Downstream Network	19.67
% Impervious Surf in ARA of Upstream Network	0.05
% Impervious Surf in ARA of Downstream Network	2.91

Chesapeake Conservancy (2016)	
% Tree Cover in ARA of Upstream Network	77.68
% Tree Cover in ARA of Downstream Network	63.19
% Herbaceaous Cover in ARA of Upstream Network	3
% Herbaceaous Cover in ARA of Downstream Network	29.49
% Barren Cover in ARA of Upstream Network	0
% Barren Cover in ARA of Downstream Network	0.58
% Road Impervious in ARA of Upstream Network	0
% Road Impervious in ARA of Downstream Network	1.18
% Other Impervious in ARA of Upstream Network	0
% Other Impervious in ARA of Downstream Network	3.11

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)	1.23	Upstream Size Class Gain (#)	0
Total Functional Network (mi)	569.35	# Downsteam Natural Barriers	0
Absolute Gain (mi)	1.23	# Downstream Hydropower Dams	0
# Size Classes in Total Network	4	# Downstream Dams with Passage	0
# Upstream Network Size Classes	1	# of Downstream Barriers	0

NFHAP Cumulative Disturbance Index	High
Dam is on Conserved Land	Yes
% Conserved Land in 100m Buffer of Upstream Network	37.71
% Conserved Land in 100m Buffer of Downstream Network	13.17
Density of Crossings in Upstream Network Watershed (#/m2)	0.97
Density of Crossings in Downstream Network Watershed (#/m2)	0.59
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	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	None Documented

Presence of 1 or More Downstream Anadromous Species	None Docume
# 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)	55
# Rare Fish (HUC8)	3
# Rare Mussel (HUC8)	2
# Rare Crayfish (HUC8)	0

Stream Health

Chesapeake Bay Program Stream Health	GOOD
MD MBSS Benthic IBI Stream Health	Good
MD MBSS Fish IBI Stream Health	Fair
MD MBSS Combined IBI Stream Health	Fair
VA INSTAR mIBI Stream Health	N/A
PA IBI Stream Health	N/A

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