Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: **MD_AN015**

Bay-wide Diadromous Tier	8
Bay-wide Resident Tier	10
Bay-wide Brook Trout Tier	N/A
NID ID	
State ID	AN015
River Name	Indian Creek
Dam Height (ft)	3
Dam Type	Unspecified Type
Latitude	38.9983
Longitude	-76.9172
Passage Facilities	None Documented
Passage Year	N/A
Size Class	1b: Creek (3.861 - 38.61 sq mi)
HUC 12	Upper Anacostia River
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	14.94	% Tree Cover in ARA of Upstream Network	65.75
% Natural Cover in Upstream Drainage Area	41.76	% Tree Cover in ARA of Downstream Network	54.75
% Forested in Upstream Drainage Area	28.59	% Herbaceaous Cover in ARA of Upstream Network	18.22
% Agriculture in Upstream Drainage Area	12.84	% Herbaceaous Cover in ARA of Downstream Network	23.24
% Natural Cover in ARA of Upstream Network	52.86	% Barren Cover in ARA of Upstream Network	0.42
% Natural Cover in ARA of Downstream Network	24.52	% Barren Cover in ARA of Downstream Network	0.15
% Forest Cover in ARA of Upstream Network	26.6	% Road Impervious in ARA of Upstream Network	3.84
% Forest Cover in ARA of Downstream Network	11.88	% Road Impervious in ARA of Downstream Network	5.86
% Agricultral Cover in ARA of Upstream Network	4.21	% Other Impervious in ARA of Upstream Network	10.6
% Agricultral Cover in ARA of Downstream Network	4.4	% Other Impervious in ARA of Downstream Network	14.91
% Impervious Surf in ARA of Upstream Network	16.61		
% Impervious Surf in ARA of Downstream Network	25.53		

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)	42.42	Upstream Size Class Gain (#)	0
Total Functional Network (mi)	78.83	# Downsteam Natural Barriers	0
Absolute Gain (mi)	36.4	# Downstream Hydropower Dams	0
# Size Classes in Total Network	3	# Downstream Dams with Passage	1
# Upstream Network Size Classes	2	# of Downstream Barriers	1

NFHAP Cumulative Disturbance Index	Very High
Dam is on Conserved Land	No
% Conserved Land in 100m Buffer of Upstream Network	58.16
% Conserved Land in 100m Buffer of Downstream Network	37.73
Density of Crossings in Upstream Network Watershed (#/m2)	2.86
Density of Crossings in Downstream Network Watershed (#/m2)	2.96
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	Potential Current	Downstream Striped Bass	None Documented
Downstream Blueback	Potential 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	Potential Curre		
# Diadromous Species Downstream (incl eel)	1		

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

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