

Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: **MD_MDE312** Idylwild Wildlife Mgmt Pond

Bay-wide Diadromous Tier 17
 Bay-wide Resident Tier 9
 Bay-wide Brook Trout Tier N/A
 NID ID
 State ID MDE312
 River Name Houston Branch
 Dam Height (ft) 0
 Dam Type
 Latitude 0
 Longitude 0
 Passage Facilities None Documented
 Passage Year N/A
 Size Class 1b: Creek (3.861 - 38.61 sq mi)
 HUC 12 Sullivan Branch-Marshyhope Cre
 HUC 10 Marshyhope Creek
 HUC 8 Nanticoke
 HUC 6 Lower Chesapeake
 HUC 4 Lower Chesapeake



Landcover

NLCD (2011)		Chesapeake Conservancy (2016)	
% Impervious Surface in Upstream Drainage Area	0.85	% Tree Cover in ARA of Upstream Network	42.03
% Natural Cover in Upstream Drainage Area	36.62	% Tree Cover in ARA of Downstream Network	43.34
% Forested in Upstream Drainage Area	8.76	% Herbaceous Cover in ARA of Upstream Network	55.05
% Agriculture in Upstream Drainage Area	58.19	% Herbaceous Cover in ARA of Downstream Network	49.7
% Natural Cover in ARA of Upstream Network	37.18	% Barren Cover in ARA of Upstream Network	0.22
% Natural Cover in ARA of Downstream Network	50.61	% Barren Cover in ARA of Downstream Network	0.22
% Forest Cover in ARA of Upstream Network	8.51	% Road Impervious in ARA of Upstream Network	1.05
% Forest Cover in ARA of Downstream Network	11.37	% Road Impervious in ARA of Downstream Network	0.98
% Agricultural Cover in ARA of Upstream Network	57.55	% Other Impervious in ARA of Upstream Network	1.29
% Agricultural Cover in ARA of Downstream Network	43.1	% Other Impervious in ARA of Downstream Network	1.52
% Impervious Surf in ARA of Upstream Network	0.92		
% Impervious Surf in ARA of Downstream Network	1.22		

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)	18.68	Upstream Size Class Gain (#)	0
Total Functional Network (mi)	1224.37	# Downstream Natural Barriers	0
Absolute Gain (mi)	18.68	# Downstream Hydropower Dams	0
# Size Classes in Total Network	4	# Downstream Dams with Passage	0
# Upstream Network Size Classes	2	# of Downstream Barriers	0
NFHAP Cumulative Disturbance Index	Moderate		
Dam is on Conserved Land	No		
% Conserved Land in 100m Buffer of Upstream Network	6.31		
% Conserved Land in 100m Buffer of Downstream Network	31.2		
Density of Crossings in Upstream Network Watershed (#/m2)	0.59		
Density of Crossings in Downstream Network Watershed (#/m2)	0.61		
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	Current
Presence of 1 or More Downstream Anadromous Species	None Documented		
# 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)	46
# Rare Fish (HUC8)	1
# Rare Mussel (HUC8)	1
# Rare Crayfish (HUC8)	0

Stream Health

Chesapeake Bay Program Stream Health	POOR
MD MBSS Benthic IBI Stream Health	Fair
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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