Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: **MD_12188**   BLACK & DECKER STORMWATER POND

Bay-wide Diadromous Tier	20
Bay-wide Resident Tier	19
Bay-wide Brook Trout Tier	N/A
NID ID	MD00169
State ID	12188
River Name	
Dam Height (ft)	15
Dam Type	Earth
Latitude	39.588
Longitude	-76.8483
Passage Facilities	None Documented
Passage Year	N/A
Size Class	1a: Headwater (0 - 3.861 sq mi)
HUC 12	Deep Run-Liberty Lake-North Br
HUC 10	North Branch Patapsco River
HUC 8	Gunpowder-Patapsco
HUC 6	Upper Chesapeake
HUC 4	Upper Chesapeake

Landcover

NLCD (2011)		Chesapeake Conservancy (2016)	
% Impervious Surface in Upstream Drainage Area	27.81	% Tree Cover in ARA of Upstream Network	1.95
% Natural Cover in Upstream Drainage Area	6.13	% Tree Cover in ARA of Downstream Network	38.25
% Forested in Upstream Drainage Area	0.38	% Herbaceaous Cover in ARA of Upstream Network	46.67
% Agriculture in Upstream Drainage Area	31.23	% Herbaceaous Cover in ARA of Downstream Network	28.4
% Natural Cover in ARA of Upstream Network	33.33	% Barren Cover in ARA of Upstream Network	0
% Natural Cover in ARA of Downstream Network	72.73	% Barren Cover in ARA of Downstream Network	0
% Forest Cover in ARA of Upstream Network	0	% Road Impervious in ARA of Upstream Network	0
% Forest Cover in ARA of Downstream Network	32.95	% Road Impervious in ARA of Downstream Network	0
% Agricultral Cover in ARA of Upstream Network	6.67	% Other Impervious in ARA of Upstream Network	0
% Agricultral Cover in ARA of Downstream Network	10.23	% Other Impervious in ARA of Downstream Network	0.15
% Impervious Surf in ARA of Upstream Network	24.57		
% Impervious Surf in ARA of Downstream Network	2.43		

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)	0.06	Upstream Size Class Gain (#)	0
Total Functional Network (mi)	0.22	# Downsteam Natural Barriers	0
Absolute Gain (mi)	0.06	# Downstream Hydropower Dams	0
# Size Classes in Total Network	0	# Downstream Dams with Passage	1
# Upstream Network Size Classes	0	# of Downstream Barriers	4
NFHAP Cumulative Disturbance Index		Not Scored / Unavailable at this scale	
Dam is on Conserved Land		No	
% Conserved Land in 100m Buffer of Upstream Network		0	
% Conserved Land in 100m Buffer of Downstream Network		0	
Density of Crossings in Upstream Network Watershed (#/m2)		0	
Density of Crossings in Downstream Network Watershed (#/m2)		0	
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)	52
# Rare Fish (HUC8)	1
# Rare Mussel (HUC8)	0
# Rare Crayfish (HUC8)	0

Stream Health

Chesapeake Bay Program Stream Health	VERY_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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The Nature Conservancy