Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: **MD_PA001** **Millennium Chemical Hawkins Point Pl**

Diadromous Tier	20
Brook Trout Tier	N/A
Resident Tier	20
NID ID	MD00366
State ID	PA001
River Name	
Dam Height (ft)	20.5
Dam Type	Unspecified Type
Latitude	39.2034
Longitude	-76.5358
Passage Facilities	None Documented
Passage Year	N/A
Size Class	1a: Headwater (0 - 3.861 sq mi)
HUC 12	Stoney Creek-Patapsco River-Ch
HUC 10	Patapsco River-Chesapeake Bay
HUC 8	Gunpowder-Patapsco
HUC 6	Upper Chesapeake
HUC 4	Upper Chesapeake

Landcover

NLCD (2011)	
% Impervious Surface in Upstream Drainage Area	65.46
% Natural Cover in Upstream Drainage Area	2.08
% Forested in Upstream Drainage Area	0
% Agriculture in Upstream Drainage Area	0
% Natural Cover in ARA of Upstream Network	13.16
% Natural Cover in ARA of Downstream Network	25
% Forest Cover in ARA of Upstream Network	0
% Forest Cover in ARA of Downstream Network	0
% Agricultral Cover in ARA of Upstream Network	0
% Agricultral Cover in ARA of Downstream Network	0
% Impervious Surf in ARA of Upstream Network	37.19
% Impervious Surf in ARA of Downstream Network	56.83

Chesapeake Conservancy (2016)	
% Tree Cover in ARA of Upstream Network	23.15
% Tree Cover in ARA of Downstream Network	9.42
% Herbaceaous Cover in ARA of Upstream Network	65.82
% Herbaceaous Cover in ARA of Downstream Network	54.68
% Barren Cover in ARA of Upstream Network	10.7
% Barren Cover in ARA of Downstream Network	10.98
% Road Impervious in ARA of Upstream Network	0
% Road Impervious in ARA of Downstream Network	3.58
% Other Impervious in ARA of Upstream Network	0.25
% Other Impervious in ARA of Downstream Network	0

Metric descriptions can be found at:
http://52.53.143.233/chesapeake-dev/plugins/barrier-prioritization-proto2/images/Metric_Glossary.pdf

The Nature Conservancy

Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: **MD_PA001** **Millennium Chemical Hawkins Point Pl**

Network, System Type and Condition

Functional Upstream Network (mi)	0.24	Upstream Size Class Gain (#)	0
Total Functional Network (mi)	0.29	# Downsteam Natural Barriers	0
Absolute Gain (mi)	0.05	# Downstream Hydropower Dams	0
# Size Classes in Total Network	0	# Downstream Dams with Passage	0
# Upstream Network Size Classes	0	# of Downstream Barriers	0

NFHAP Cumulative Disturbance Index	
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	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 Docume
# 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)	10
# Rare Fish (HUC8)	2
# 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	Poor
MD MBSS Combined IBI Stream Health	Poor
VA INSTAR mIBI Stream Health	N/A
PA IBI Stream Health	N/A

Metric descriptions can be found at:
http://52.53.143.233/chesapeake-dev/plugins/barrier-prioritization-proto2/images/Metric_Glossary.pdf

The Nature Conservancy