Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: **MD_584655** **Goose Dam**

Diadromous Tier	1
Brook Trout Tier	N/A
Resident Tier	6
NID ID	
State ID	584655
River Name	Parsons Creek
Dam Height (ft)	0
Dam Type	
Latitude	38.4785
Longitude	-76.2615
Passage Facilities	None Documented
Passage Year	N/A
Size Class	1b: Creek (3.861 - 38.61 sq mi)
HUC 12	Slaughter Creek-Little Choptank
HUC 10	Little Choptank River
HUC 8	Choptank
HUC 6	Upper Chesapeake
HUC 4	Upper Chesapeake

Landcover

NLCD (2011)	
% Impervious Surface in Upstream Drainage Area	0.26
% Natural Cover in Upstream Drainage Area	84.5
% Forested in Upstream Drainage Area	1.46
% Agriculture in Upstream Drainage Area	13.58
% Natural Cover in ARA of Upstream Network	84.09
% Natural Cover in ARA of Downstream Network	86.41
% Forest Cover in ARA of Upstream Network	0.95
% Forest Cover in ARA of Downstream Network	3.14
% Agricultral Cover in ARA of Upstream Network	14.21
% Agricultral Cover in ARA of Downstream Network	8.67
% Impervious Surf in ARA of Upstream Network	0.19
% Impervious Surf in ARA of Downstream Network	1.02

Chesapeake Conservancy (2016)	
% Tree Cover in ARA of Upstream Network	70.75
% Tree Cover in ARA of Downstream Network	52.94
% Herbaceaous Cover in ARA of Upstream Network	26.05
% Herbaceaous Cover in ARA of Downstream Network	37.41
% Barren Cover in ARA of Upstream Network	0.01
% Barren Cover in ARA of Downstream Network	0.02
% Road Impervious in ARA of Upstream Network	0.13
% Road Impervious in ARA of Downstream Network	0.7
% Other Impervious in ARA of Upstream Network	0.36
% Other Impervious in ARA of Downstream Network	0.53

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)	12.76	Upstream Size Class Gain (#)	0
Total Functional Network (mi)	23.34	# Downsteam Natural Barriers	0
Absolute Gain (mi)	10.58	# Downstream Hydropower Dams	0
# Size Classes in Total Network	2	# Downstream Dams with Passage	0
# Upstream Network Size Classes	2	# of Downstream Barriers	0

NFHAP Cumulative Disturbance Index	Low
Dam is on Conserved Land	Yes
% Conserved Land in 100m Buffer of Upstream Network	16.45
% Conserved Land in 100m Buffer of Downstream Network	26.33
Density of Crossings in Upstream Network Watershed (#/m2)	0.18
Density of Crossings in Downstream Network Watershed (#/m2)	1.47
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	Current	Downstream Striped Bass	None Documented
Downstream Blueback	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	Current
# Diadromous Species Downstream (incl eel)	3

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)	43
# Rare Fish (HUC8)	1
# Rare Mussel (HUC8)	1
# Rare Crayfish (HUC8)	0

Stream Health

Chesapeake Bay Program Stream Health	FAIR
MD MBSS Benthic IBI Stream Health	Poor
MD MBSS Fish IBI Stream Health	Very Poor
MD MBSS Combined IBI Stream Health	Very Poor
VA INSTAR mIBI Stream Health	N/A
PA IBI Stream Health	N/A

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