

## Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: **MD\_584655**      **Goose Dam**

Bay-wide Diadromous Tier	1
Bay-wide Resident Tier	6
Bay-wide Brook Trout Tier	N/A
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)		Chesapeake Conservancy (2016)	
% Impervious Surface in Upstream Drainage Area	0.26	% Tree Cover in ARA of Upstream Network	70.75
% Natural Cover in Upstream Drainage Area	84.5	% Tree Cover in ARA of Downstream Network	52.94
% Forested in Upstream Drainage Area	1.46	% Herbaceous Cover in ARA of Upstream Network	26.05
% Agriculture in Upstream Drainage Area	13.58	% Herbaceous Cover in ARA of Downstream Network	37.41
% Natural Cover in ARA of Upstream Network	84.09	% Barren Cover in ARA of Upstream Network	0.01
% Natural Cover in ARA of Downstream Network	86.41	% Barren Cover in ARA of Downstream Network	0.02
% Forest Cover in ARA of Upstream Network	0.95	% Road Impervious in ARA of Upstream Network	0.13
% Forest Cover in ARA of Downstream Network	3.14	% Road Impervious in ARA of Downstream Network	0.7
% Agricultural Cover in ARA of Upstream Network	14.21	% Other Impervious in ARA of Upstream Network	0.36
% Agricultural Cover in ARA of Downstream Network	8.67	% Other Impervious in ARA of Downstream Network	0.53
% Impervious Surf in ARA of Upstream Network	0.19		
% Impervious Surf in ARA of Downstream Network	1.02		

Metric descriptions can be found at:

[http://52.53.143.233/chesapeake-dev/plugins/barrier-prioritization-proto2/images/Metric\\_Glossary.pdf](http://52.53.143.233/chesapeake-dev/plugins/barrier-prioritization-proto2/images/Metric_Glossary.pdf)

# Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: **MD\_584655**

**Goose Dam**

## Network, System Type and Condition

Functional Upstream Network (mi)	12.76	Upstream Size Class Gain (#)	0
Total Functional Network (mi)	23.34	# Downstream 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
One or More DS Anadromous Species	Current	# Diadromous Sp Dnstrm (incl eel)	3

## Resident Fish and Rare Species

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
Globally rare or fed listed fish/mussel sp HUC12	No
Globally rare or fed listed fish/mussel sp in upstream or downstream functional network	No

## 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
Rare fish or mussel sp in HUC12	Yes
Rare fish or mussel in upstream or downstream functional network	No

Metric descriptions can be found at:

[http://52.53.143.233/chesapeake-dev/plugins/barrier-prioritization-prot02/images/Metric\\_Glossary.pdf](http://52.53.143.233/chesapeake-dev/plugins/barrier-prioritization-prot02/images/Metric_Glossary.pdf)