

## Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: **PA\_14-038** **GAP**

Bay-wide Diadromous Tier 13  
 Bay-wide Resident Tier 14  
 Bay-wide Brook Trout Tier 14  
 NID ID  
 State ID 14-038  
 River Name Galbraith Gap Run  
 Dam Height (ft) 20  
 Dam Type Concrete  
 Latitude 40.763  
 Longitude -77.7529  
 Passage Facilities None Documented  
 Passage Year N/A  
 Size Class 1a: Headwater (0 - 3.861 sq mi)  
 HUC 12 Spring Creek-Bald Eagle Creek  
 HUC 10 Spring Creek  
 HUC 8 Bald Eagle  
 HUC 6 West Branch Susquehanna  
 HUC 4 Susquehanna



### Landcover

NLCD (2011)		Chesapeake Conservancy (2016)	
% Impervious Surface in Upstream Drainage Area	0.03	% Tree Cover in ARA of Upstream Network	94.16
% Natural Cover in Upstream Drainage Area	97.76	% Tree Cover in ARA of Downstream Network	38.77
% Forested in Upstream Drainage Area	97.76	% Herbaceous Cover in ARA of Upstream Network	4.96
% Agriculture in Upstream Drainage Area	0	% Herbaceous Cover in ARA of Downstream Network	52.79
% Natural Cover in ARA of Upstream Network	86.82	% Barren Cover in ARA of Upstream Network	0
% Natural Cover in ARA of Downstream Network	32.95	% Barren Cover in ARA of Downstream Network	0.45
% Forest Cover in ARA of Upstream Network	86.82	% Road Impervious in ARA of Upstream Network	0.87
% Forest Cover in ARA of Downstream Network	32.27	% Road Impervious in ARA of Downstream Network	2.85
% Agricultural Cover in ARA of Upstream Network	0	% Other Impervious in ARA of Upstream Network	0.01
% Agricultural Cover in ARA of Downstream Network	38.4	% Other Impervious in ARA of Downstream Network	3.81
% Impervious Surf in ARA of Upstream Network	0.22		
% Impervious Surf in ARA of Downstream Network	5.54		

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)

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### Network, System Type and Condition

Functional Upstream Network (mi)	4.39	Upstream Size Class Gain (#)	0
Total Functional Network (mi)	16.45	# Downstream Natural Barriers	0
Absolute Gain (mi)	4.39	# Downstream Hydropower Dams	4
# Size Classes in Total Network	2	# Downstream Dams with Passage	7
# Upstream Network Size Classes	1	# of Downstream Barriers	11
NFHAP Cumulative Disturbance Index	Low		
Dam is on Conserved Land	Yes		
% Conserved Land in 100m Buffer of Upstream Network	63.18		
% Conserved Land in 100m Buffer of Downstream Network	24.86		
Density of Crossings in Upstream Network Watershed (#/m2)	1.81		
Density of Crossings in Downstream Network Watershed (#/m2)	1.07		
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	None Documented
One or More DS Anadromous Species	None Docume	# Diadromous Sp Dnstrm (incl eel)	0

### Resident Fish and Rare Species

Barrier is in EBTJV BKT Catchment	Yes
Barrier is in Modeled BKT Catchment (DeWeber)	Yes
Barrier Blocks an EBTJV Catchment	No
Barrier Blocks a Modeled BKT Catchment (DeWeber)	No
Native Fish Species Richness (HUC8)	35
# Rare Fish (HUC8)	0
# Rare Mussel (HUC8)	0
# 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	GOOD
MD MBSS Benthic IBI Stream Health	N/A
MD MBSS Fish IBI Stream Health	N/A
MD MBSS Combined IBI Stream Health	N/A
VA INSTAR mIBI Stream Health	N/A
PA IBI Stream Health	Poor

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

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