Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: VA_910 GRAHAMS DAM

Bay-wide Diadromous Tier 14
Bay-wide Resident Tier 19

Bay-wide Brook Trout Tier N/A

NID ID VA00342

State ID 910

River Name

Dam Height (ft) 31

Dam Type Earth
Latitude 38.0191

Longitude -78.3893

Passage Facilities None Documented

Passage Year N/A

Size Class 1a: Headwater (0 - 3.861 sq mi)

HUC 12 Carroll Creek-Rivanna River

HUC 10 Mechunk Creek-Rivanna River

Lower Chesapeake

HUC 8 Rivanna

HUC 4

HUC 6 James



Land	cover	
	Chesapeake Conservancy (2016)	
0.06	% Tree Cover in ARA of Upstream Network	28.34
46.45	% Tree Cover in ARA of Downstream Network	26.65
45.77	% Herbaceaous Cover in ARA of Upstream Network	68.43
52.24	% Herbaceaous Cover in ARA of Downstream Network	60.72
7.45	% Barren Cover in ARA of Upstream Network	0
38.07	% Barren Cover in ARA of Downstream Network	0
4.84	% Road Impervious in ARA of Upstream Network	0.01
19.32	% Road Impervious in ARA of Downstream Network	1.13
88.83	% Other Impervious in ARA of Upstream Network	0.48
61.93	% Other Impervious in ARA of Downstream Network	0.16
0.16		
0		
	0.06 46.45 45.77 52.24 7.45 38.07 4.84 19.32 88.83 61.93 0.16	 0.06 % Tree Cover in ARA of Upstream Network 46.45 % Tree Cover in ARA of Downstream Network 45.77 % Herbaceaous Cover in ARA of Upstream Network 52.24 % Herbaceaous Cover in ARA of Downstream Network 7.45 % Barren Cover in ARA of Upstream Network 38.07 % Barren Cover in ARA of Downstream Network 4.84 % Road Impervious in ARA of Upstream Network 19.32 % Road Impervious in ARA of Downstream Network 88.83 % Other Impervious in ARA of Upstream Network 61.93 % Other Impervious in ARA of Downstream Network 0.16



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Absolute Gain (mi) 0.53 # Downstream Hydropower Dams 2 # Size Classes in Total Network 1 # Downstream Dams with Passage 4 # Upstream Network Size Classes 1 # of Downstream Barriers 6 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 % Conserved Land in 100m Buffer of Downstream Network 0 Density of Crossings in Upstream Network Watershed (#/m2) 1.09 Density of Crossings in Downstream Network Watershed (#/m2) Density of off-channel dams in Upstream Network Watershed (#/m2) 0 Density of off-channel dams in Downstream Network Watershed (#/m2) 0 Density of off-channel dams in Downstream Network Watershed (#/m2) 0 Diadromous Fish Downstream Alewife Historical Downstream Allewife Downstream American Shad None Documented Downstream American Shad None Documented Downstream American Shad None Documented Downstream American Eel Current 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 Barrier Blocks a Modeled BKT Catchment (DeWeber) No Barrier Blocks a Modeled BKT Catchment (DeWeber) No No MD MBSS Fish IBI Stream Health N/A MD MBSS Combined IBI Stream Health N/A NA MINSTAR mIBI Stream Health N/A H Rare Fish (HUC8) 0 PA IBI Stream Health N/A							
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