Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: PA_36-033 GROFF MILL

Diadromous Tier 13

Brook Trout Tier N/A

Resident Tier 14

NID ID PA01008
State ID 36-033
River Name Mill Creek

Dam Height (ft) 8

Dam Type Stone

Latitude 40.0265

Longitude -76.2414

Passage Facilities None Documented

Passage Year N/A

Size Class 2: Small River (38.61 - 200 sq mi

HUC 12 Muddy Run-Mill Creek

HUC 10 Conestoga River

HUC 8 Lower Susquehanna
HUC 6 Lower Susquehanna

HUC 4 Susquehanna







Landcover							
NLCD (2011)		Chesapeake Conservancy (2016)					
% Impervious Surface in Upstream Drainage Area	7.96	% Tree Cover in ARA of Upstream Network	32.84				
% Natural Cover in Upstream Drainage Area	10.89	% Tree Cover in ARA of Downstream Network	34.95				
% Forested in Upstream Drainage Area	8.99	% Herbaceaous Cover in ARA of Upstream Network	39.48				
% Agriculture in Upstream Drainage Area	66.88	% Herbaceaous Cover in ARA of Downstream Network	53.61				
% Natural Cover in ARA of Upstream Network	31.02	% Barren Cover in ARA of Upstream Network	0.4				
% Natural Cover in ARA of Downstream Network	34.53	% Barren Cover in ARA of Downstream Network	0.04				
% Forest Cover in ARA of Upstream Network	29.69	% Road Impervious in ARA of Upstream Network	2.2				
% Forest Cover in ARA of Downstream Network	31.08	% Road Impervious in ARA of Downstream Network	1.88				
% Agricultral Cover in ARA of Upstream Network	16.65	% Other Impervious in ARA of Upstream Network	21.73				
% Agricultral Cover in ARA of Downstream Network	40.84	% Other Impervious in ARA of Downstream Network	7.84				
% Impervious Surf in ARA of Upstream Network	17.32						
% Impervious Surf in ARA of Downstream Network	6.08						



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Total Functional Network (mi) 23.41 # Downsteam Natural Barriers 0 Absolute Gain (mi) 3.18 # Downstream Hydropower Dams 2 # Size Classes in Total Network 2 # Downstream Barriers 3 We Hydream Network Size Classes 2 # of Downstream Barriers 3 NFHAP Cumulative Disturbance Index High Dam is on Conserved Land in 100m Buffer of Upstream Network 0 % Conserved Land in 100m Buffer of Downstream Network 0, 8.8 Density of Crossings in Upstream Network Watershed (#/m2) 0.64 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 Density of off-channel dams in Downstream Network Watershed (#/m2) 0 Density of off-channel dams in Downstream Network Watershed (#/m2) 0 Downstream Alewife Historical Downstream Striped Bass None Documer Downstream Blueback Historical Downstream Atlantic Sturgeon None Documer Downstream American Shad None Documented Downstream American Eel Current Downstream Hickory Shad None Documented Downstream American Eel Current Presence of 1 or More Downstream Anadromous Species Historical # Diadromous Species Downstream (incl eel) 1 Resident Fish Stream Health N/A Barrier is in BETJV BKT Catchment No MD MBSS Benthic IBI Stream Health N/A Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Fish IBI Stream Health N/A Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Combined IBI Stream Health N/A Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Combined IBI Stream Health N/A Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Combined IBI Stream Health N/A Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Combined IBI Stream Health N/A Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Combined IBI Stream Health N/A Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Combined IBI Stream Health N/A	CFPPP Unique ID: PA_36-033	GROFF MILL				
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Barrier Blocks an EBTJV Catchment No MD MBSS Fish IBI Stream Health N/A Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Combined IBI Stream Health N/A Native Fish Species Richness (HUC8) 53 VA INSTAR mIBI Stream Health N/A # Rare Fish (HUC8) 2 PA IBI Stream Health Poor	Barrier is in EBTJV BKT Catchment No		lo	Chesapeake Bay Program Stream Health POOR		
Barrier Blocks a Modeled BKT Catchment (DeWeber) No Native Fish Species Richness (HUC8) # Rare Fish (HUC8) MD MBSS Combined IBI Stream Health N/A VA INSTAR mIBI Stream Health Poor	Barrier is in Modeled BKT Catchment (DeWeber)		lo	MD MBSS Benthic IBI Stream Health N/A		
Native Fish Species Richness (HUC8) # Rare Fish (HUC8) 53 VA INSTAR mIBI Stream Health N/A Pool	Barrier Blocks an EBTJV Catchment No		lo	MD MBSS Fish IBI Stream Health		N/A
# Rare Fish (HUC8) 2 PA IBI Stream Health Pool	Barrier Blocks a Modeled BKT Catchment (DeWeber) N		lo			N/A
# Rare Fish (HUC8) 2 PA IBI Stream Health Poc			3			N/A
	·	•				Poor
	# Rare Mussel (HUC8)					
# Rare Crayfish (HUC8) 0	, ,					

