Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: PA_36-282 CONESTOGA

Diadromous Tier 13

Brook Trout Tier N/A

Resident Tier 14

NID ID

State ID 36-282

River Name Conestoga River

Dam Height (ft) 4.5

Dam Type Concrete
Latitude 40.1398

Longitude -75.9939

Passage Facilities None Documented

Passage Year N/A

Size Class 1b: Creek (3.861 - 38.61 sq mi)

HUC 12 Upper Conestoga River

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	6.02	% Tree Cover in ARA of Upstream Network	30.21			
% Natural Cover in Upstream Drainage Area	42.03	% Tree Cover in ARA of Downstream Network	14.36			
% Forested in Upstream Drainage Area	33.29	% Herbaceaous Cover in ARA of Upstream Network	58.75			
% Agriculture in Upstream Drainage Area	35.83	% Herbaceaous Cover in ARA of Downstream Network	80.39			
% Natural Cover in ARA of Upstream Network	29.64	% Barren Cover in ARA of Upstream Network	0.98			
% Natural Cover in ARA of Downstream Network	17.36	% Barren Cover in ARA of Downstream Network	0.39			
% Forest Cover in ARA of Upstream Network	17.48	% Road Impervious in ARA of Upstream Network	2.05			
% Forest Cover in ARA of Downstream Network	11.35	% Road Impervious in ARA of Downstream Network	1.1			
% Agricultral Cover in ARA of Upstream Network	47.45	% Other Impervious in ARA of Upstream Network	4.88			
% Agricultral Cover in ARA of Downstream Network	77.61	% Other Impervious in ARA of Downstream Network	2.68			
% Impervious Surf in ARA of Upstream Network	5.85					
% Impervious Surf in ARA of Downstream Network	1.12					

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	Notwork S	vstem	Type and Conditi	on		
		ystelli				
unctional Upstream Network			•	n Size Class Gain (‡		0
otal Functional Network (mi)				team Natural Barri		1
bsolute Gain (mi)	14.12			tream Hydropowe		4
Size Classes in Total Networ				tream Dams with F	Passage	3
Upstream Network Size Clas			# of Dow	nstream Barriers		10
IFHAP Cumulative Disturband	ce Index		,	Very High		
am is on Conserved Land				No		
% Conserved Land in 100m Buffer of Upstream Network				3.52		
6 Conserved Land in 100m Bu				0		
Density of Crossings in Upstream Network Watershed (#/m			-	0.95		
ensity of Crossings in Downs		-		1.5		
ensity of off-channel dams in	•			0		
ensity of off-channel dams in	n Downstream Network	k Wate	ershed (#/m2)	0		
		Diadro	omous Fish			
ownstream Alewife	Historical	Diadro	omous Fish Downstream Str	iped Bass	None Doo	cumented
Downstream Alewife Downstream Blueback		Diadro			None Doo	
	Historical	Diadro	Downstream Atl			cumented
Downstream Blueback	Historical Historical	Diadro	Downstream Atl	lantic Sturgeon ortnose Sturgeon	None Doo	cumented
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