Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: VA_88 DELAND DAM

Bay-wide Diadromous Tier 5
Bay-wide Resident Tier 16

Bay-wide Brook Trout Tier N/A

NID ID VA15904

State ID 88

River Name

Dam Height (ft) 16

Dam Type Gravity
Latitude 37.8965

Longitude -76.7577

Passage Facilities None Documented

Passage Year N/A

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

HUC 12 Little Carter Creek-Rappahannoc

HUC 10 Cat Point Creek-Rappahannock

HUC 8 Lower Rappahannock

HUC 6 Lower Chesapeake

HUC 4 Lower Chesapeake







Landcover						
NLCD (2011)		Chesapeake Conservancy (2016)				
% Impervious Surface in Upstream Drainage Area	0.37	% Tree Cover in ARA of Upstream Network	32.58			
% Natural Cover in Upstream Drainage Area	49.44	% Tree Cover in ARA of Downstream Network	45.56			
% Forested in Upstream Drainage Area	39.96	% Herbaceaous Cover in ARA of Upstream Network	60.44			
% Agriculture in Upstream Drainage Area	46	% Herbaceaous Cover in ARA of Downstream Network	51.8			
% Natural Cover in ARA of Upstream Network	32.52	% Barren Cover in ARA of Upstream Network	0			
% Natural Cover in ARA of Downstream Network	47.56	% Barren Cover in ARA of Downstream Network	0			
% Forest Cover in ARA of Upstream Network	23.86	% Road Impervious in ARA of Upstream Network	0.88			
% Forest Cover in ARA of Downstream Network	10.56	% Road Impervious in ARA of Downstream Network	1.22			
% Agricultral Cover in ARA of Upstream Network	63.73	% Other Impervious in ARA of Upstream Network	0.09			
% Agricultral Cover in ARA of Downstream Network	48.02	% Other Impervious in ARA of Downstream Network	0.58			
% Impervious Surf in ARA of Upstream Network	0.14					
% Impervious Surf in ARA of Downstream Network	0.48					



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# Size Classes in Total Network 1 # Downstream Dams with Passage 0 # Upstream Network Size Classes 1 # of Downstream Barriers 0 Not Scored / Unavailable at this scale Dam is on Conserved Land	CFPPP Unique ID: VA_88	DELAND DAIVI		
Total Functional Network (mi) 7.77 # Downstream Natural Barriers 0 Absolute Gain (mi) 1.45 # Downstream Hydropower Dams 0 # Size Classes in Total Network 1 # Downstream Barriers 0 # Upstream Network Size Classes 1 # of Downstream Barriers 0 NFHAP Cumulative Disturbance Index Not Scored / Unavailable at this scale Dam is on Conserved Land in 100m Buffer of Downstream Network 0 % Conserved Land in 100m Buffer of Downstream Network 2.99 Density of Crossings in Upstream Network Watershed (#/m2) 1.32 Density of Crossings in Downstream Network Watershed (#/m2) 1.46 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 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 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 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 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 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 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 Do		Network, S	ystem	Type and Condition
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	# Rare Crayfish (HUC8)		0	

