Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: PA_67-476 KIWANIS LAKE

Diadromous Tier 19

Brook Trout Tier N/A

Resident Tier 17

NID ID

State ID 67-476

River Name Willis Run

Dam Height (ft) 4

Dam Type Earth

Latitude 39.9687

Longitude -76.7413

Passage Facilities None Documented

Passage Year N/A

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

HUC 12 Willis Run-Codorus Creek

HUC 10 Codorus Creek

HUC 8 Lower Susquehanna

HUC 6 Lower Susquehanna

HUC 4 Susquehanna







Landcover						
NLCD (2011)		Chesapeake Conservancy (2016)				
% Impervious Surface in Upstream Drainage Area	41.29	% Tree Cover in ARA of Upstream Network	16.14			
% Natural Cover in Upstream Drainage Area	4.73	% Tree Cover in ARA of Downstream Network	31.27			
% Forested in Upstream Drainage Area	1.8	% Herbaceaous Cover in ARA of Upstream Network	29.44			
% Agriculture in Upstream Drainage Area	2.69	% Herbaceaous Cover in ARA of Downstream Network	34.01			
% Natural Cover in ARA of Upstream Network	1.37	% Barren Cover in ARA of Upstream Network	14.43			
% Natural Cover in ARA of Downstream Network	15.33	% Barren Cover in ARA of Downstream Network	0.4			
% Forest Cover in ARA of Upstream Network	0.36	% Road Impervious in ARA of Upstream Network	7.76			
% Forest Cover in ARA of Downstream Network	11.75	% Road Impervious in ARA of Downstream Network	4.97			
% Agricultral Cover in ARA of Upstream Network	0.77	% Other Impervious in ARA of Upstream Network	31.25			
% Agricultral Cover in ARA of Downstream Network	11.93	% Other Impervious in ARA of Downstream Network	27.74			
% Impervious Surf in ARA of Upstream Network	56.02					
% Impervious Surf in ARA of Downstream Network	33.87					



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Functional Upstream Network (mi) 3.85 Upstream Size Class Gain (#) 0 Total Functional Network (mi) 40.34 # Downstream Natural Barriers 0 Absolute Gain (mi) 3.85 # Downstream Hydropower Dams 3 # Size Classes In Total Network 3 # Downstream Hydropower Dams 3 # Size Classes In Total Network 3 # Downstream Barriers 4 Wery High Dam is on 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) 1.8 Density of Crossings in Upstream Network Watershed (#/m2) 2.15 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 Upstream Network Watershed (#/m2) 0 Density of off-channel dams in Upstream Network Watershed (#/m2) 0 Density of off-channel dams in Upstream Network Watershed (#/m2) 0 Density of off-channel dams in Upstream Network Wa	CFPPP Unique ID: PA_67-476	KIWANIS LAKE					
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	# Rare Crayfish (HUC8)						

