Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: VA_375 WESTHAVEN LAKE DAM

Diadromous Tier 12

Brook Trout Tier N/A

Resident Tier 15

NID ID VA08532

State ID 375

River Name

Dam Height (ft) 13

Dam Type Earth

Latitude 37.6187

Longitude -77.3139

Passage Facilities None Documented

Passage Year N/A

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

HUC 12 Powhite Creek-Chickahominy Ri

HUC 10 Middle Chickahominy River

HUC 8 Lower James

HUC 6 James

HUC 4 Lower Chesapeake







	Land	cover		
NLCD (2011)		Chesapeake Conservancy (2016)		
% Impervious Surface in Upstream Drainage Area 1	.6.65	% Tree Cover in ARA of Upstream Network	30.53	
% Natural Cover in Upstream Drainage Area 1	.3.52	% Tree Cover in ARA of Downstream Network	46.22	
% Forested in Upstream Drainage Area	8.17	% Herbaceaous Cover in ARA of Upstream Network	38.27	
% Agriculture in Upstream Drainage Area	24.6	% Herbaceaous Cover in ARA of Downstream Network	36.96	
% Natural Cover in ARA of Upstream Network 2	4.72	% Barren Cover in ARA of Upstream Network	0	
% Natural Cover in ARA of Downstream Network 5	1.11	% Barren Cover in ARA of Downstream Network	0	
% Forest Cover in ARA of Upstream Network	.0.66	% Road Impervious in ARA of Upstream Network	6.2	
% Forest Cover in ARA of Downstream Network	29.2	% Road Impervious in ARA of Downstream Network	4.95	
% Agricultral Cover in ARA of Upstream Network	0.91	% Other Impervious in ARA of Upstream Network	12.59	
% Agricultral Cover in ARA of Downstream Network 1	.3.51	% Other Impervious in ARA of Downstream Network	8.05	
% Impervious Surf in ARA of Upstream Network 1	.4.48			
% Impervious Surf in ARA of Downstream Network	6.55			



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Retwork, System Type and Condition Functional Upstream Network (mi) 1.1 Upstream Size CI Total Functional Network (mi) 6.7 # Downsteam Na Absolute Gain (mi) 1.1 # Downstream H # Size Classes in Total Network 1 # Downstream D # Upstream Network Size Classes 1 # of Downstream NFHAP Cumulative Disturbance Index Very Hig Dam is on Conserved Land No % Conserved Land in 100m Buffer of Upstream Network 0 % Conserved Land in 100m Buffer of Downstream Network 2 Conserved Land in 100m Buffer of Downstream Network 3 .36 Density of Crossings in Upstream Network Watershed (#/m2) Density of Off-channel dams in Upstream Network Watershed (#/m2) Density of off-channel dams in Downstream Network Watershed (#/m2) Density of off-channel dams in Downstream Network Watershed (#/m2) Downstream Alewife Historical Downstream Striped Bas Downstream Allewife Downstream Hickory Shad None Documented Downstream Allantic Str Downstream Hickory Shad None Documented Downstream Allantic Str Downstream Hickory Shad None Documented Downstream Allantic Str Downstream Hickory Shad None Documented Downstream American E Presence of 1 or More Downstream Anadromous Species # Diadromous Species Downstream (incl eel) 1 Resident Fish Barrier is in EBTJV BKT Catchment No MD MBSS Benthic Barrier is in Modeled BKT Catchment (DeWeber) No MD MBSS Fish IBI: Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Combin Native Fish Species Richness (HUC8) 4 PA IBI Stream Heal # Rare Mussel (HUC8) 4 PA IBI Stream Heal			
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# Nate Ividasel (HUCO)			
# Rare Crayfish (HUC8) 0			

