Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: VA_1221 DULLES AIRPORT DAM

Bay-wide Diadromous Tier 20
Bay-wide Resident Tier 19
Bay-wide Brook Trout Tier N/A

NID ID VA10708 State ID 1221

River Name

Dam Height (ft) 15

Dam Type Gravity
Latitude 38.9636
Longitude -77.4453

Passage Facilities None Documented

Passage Year N/A

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

HUC 12 Horsepen Run

HUC 10 Broad Run-Potomac River

HUC 8 Middle Potomac-Catoctin

HUC 6 Potomac HUC 4 Potomac







	Land	cover				
NLCD (2011)		Chesapeake Conservancy (2016)				
% Impervious Surface in Upstream Drainage Area 6		% Tree Cover in ARA of Upstream Network	12.63			
% Natural Cover in Upstream Drainage Area	3.78	% Tree Cover in ARA of Downstream Network	33.47			
% Forested in Upstream Drainage Area	0.16	% Herbaceaous Cover in ARA of Upstream Network	18.21			
% Agriculture in Upstream Drainage Area	0	% Herbaceaous Cover in ARA of Downstream Network	33.28			
% Natural Cover in ARA of Upstream Network	19.75	% Barren Cover in ARA of Upstream Network	0			
% Natural Cover in ARA of Downstream Network	26.62	% Barren Cover in ARA of Downstream Network	1.01			
% Forest Cover in ARA of Upstream Network	0	% Road Impervious in ARA of Upstream Network	8.92			
% Forest Cover in ARA of Downstream Network	18.9	% Road Impervious in ARA of Downstream Network	7.07			
% Agricultral Cover in ARA of Upstream Network	0	% Other Impervious in ARA of Upstream Network	41.84			
% Agricultral Cover in ARA of Downstream Network	6.01	% Other Impervious in ARA of Downstream Network	24.26			
% Impervious Surf in ARA of Upstream Network	47.47					
% Impervious Surf in ARA of Downstream Network	29.39					



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Barrier is in Modeled BKT Catchment (DeWeber) Barrier Blocks an EBTJV Catchment No MD MBSS Benthic IBI Stream Health Poor Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Fish IBI Stream Health Poor MD MBSS Combined IBI Stream Health Poor Native Fish Species Richness (HUC8) The American Health Moderate # Rare Fish (HUC8) PA IBI Stream Health N/A # Rare Mussel (HUC8)	CFPPP Unique ID: VA_1221	DULLES AIRPOR	TDAN	VI				
Total Functional Network (mi) 41.46 # Downstream Natural Barriers 1 Absolute Gain (mi) 0.4 # Downstream Hydropower Dams 0 # Size Classes in Total Network 2 # Downstream Barriers 3 WH Upstream Network Size Classes 0 # of Downstream Barriers 3 NFHAP Cumulative Disturbance Index Very High Dam is on Conserved Land in 100m Buffer of Upstream Network 0 % Conserved Land in 100m Buffer of Downstream Network 7,35 Density of Crossings in Upstream Network Watershed (#/m2) 0 Density of Crossings in Downstream Network Watershed (#/m2) 2,22 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 None Documented Downstream Striped Bass None Documented Downstream Allewife None Documented Downstream Atlantic Sturgeon None Documented Downstream Hickory Shad None Documented Downstream American Eel None Documented Downstream Hickory Shad None Documented Downstream American Eel None Documented Presence of 1 or More Downstream Anadromous Species None Docume # Diadromous Species Downstream (incl eel) Resident Fish Stream Health VERY_POI Barrier is in EBTJV BKT Catchment (DeWeber) No MD MBSS Benthic IBI Stream Health Very Poor Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Combined IBI Stream Health Poor Native Fish Species Richness (HUC8) 51 VA INSTAR mIBI Stream Health Moderate # Rare Fish (HUC8) 0 PA IBI Stream Health N/A		Network, Sy	ystem	Туре	and Condi	ition		
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