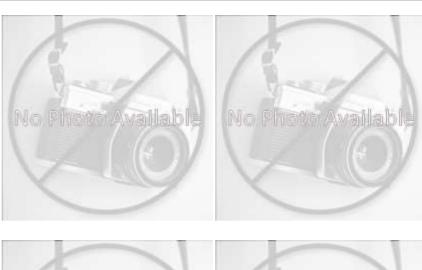
Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID:	VA_492	•	ANCEL DAM	
Bay-wide Diadron	nous Tier	9		
Bay-wide Resident Tier		6		
Bay-wide Brook T	rout Tier	N/A		
NID ID				
State ID	492			
River Name				
Dam Height (ft)	23			
Dam Type	Earth			
Latitude	37.3207			
Longitude	-78.289			
Passage Facilities	None Doo	cument	ed	
Passage Year	N/A			
Size Class	1a: Head	water (0) - 3.861 sq mi)	
HUC 12	Angola Cr	eek-Ap	pomattox River	
HUC 10	Big Guinea Creek-Appomattox Ri			
HUC 8	Appomattox			
HUC 6	James			

Lower Chesapeake







Landcover						
NLCD (2011)		Chesapeake Conservancy (2016)				
% Impervious Surface in Upstream Drainage Area	0.13	% Tree Cover in ARA of Upstream Network	76.76			
% Natural Cover in Upstream Drainage Area	76.13	% Tree Cover in ARA of Downstream Network	86.69			
% Forested in Upstream Drainage Area	73.74	% Herbaceaous Cover in ARA of Upstream Network	16.04			
% Agriculture in Upstream Drainage Area	22.21	% Herbaceaous Cover in ARA of Downstream Network	0			
% Natural Cover in ARA of Upstream Network	77.71	% Barren Cover in ARA of Upstream Network	0			
% Natural Cover in ARA of Downstream Network	100	% Barren Cover in ARA of Downstream Network	0			
% Forest Cover in ARA of Upstream Network	73.59	% Road Impervious in ARA of Upstream Network	0.06			
% Forest Cover in ARA of Downstream Network	75.7	% Road Impervious in ARA of Downstream Network	0			
% Agricultral Cover in ARA of Upstream Network	22.14	% Other Impervious in ARA of Upstream Network	0.28			
% Agricultral Cover in ARA of Downstream Network	0	% Other Impervious in ARA of Downstream Network	0			
% Impervious Surf in ARA of Upstream Network	0.01					
% Impervious Surf in ARA of Downstream Network	0					



HUC 4

Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: VA 492 **ANCEL DAM** Network, System Type and Condition Functional Upstream Network (mi) Upstream Size Class Gain (#) O 2.64 Total Functional Network (mi) 3.6 # Downsteam Natural Barriers 0 Absolute Gain (mi) 0.96 3 # Downstream Hydropower Dams # Size Classes in Total Network # Downstream Dams with Passage 3 1 # Upstream Network Size Classes # of Downstream Barriers 1 NEHAP Cumulative Disturbance Index Not Scored / Unavailable at this scale Dam is on Conserved Land Nο % Conserved Land in 100m Buffer of Upstream Network \cap % Conserved Land in 100m Buffer of Downstream Network Density of Crossings in Upstream Network Watershed (#/m2) Density of Crossings in Downstream Network Watershed (#/m2) Λ Density of off-channel dams in Upstream Network Watershed (#/m2) Density of off-channel dams in Downstream Network Watershed (#/m2) Diadromous Fish Downstream Alewife None Documented Historical **Downstream Striped Bass** Downstream Blueback Historical Downstream Atlantic Sturgeon None Documented Downstream American Shad None Documented None Documented Downstream Shortnose Sturgeon Downstream Hickory Shad None Documented Downstream American Eel Current One or More DS Anadromous Species Historical # Diadromous Sp Dnstrm (incl eel) Resident Fish and Rare Species Stream Health Barrier is in EBTJV BKT Catchment No Chesapeake Bay Program Stream Health POOR Barrier is in Modeled BKT Catchment (DeWeber) No MD MBSS Benthic IBI Stream Health N/A Barrier Blocks an EBTJV Catchment No MD MBSS Fish IBI Stream Health N/A Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Combined IBI Stream Health N/A Native Fish Species Richness (HUC8) 58 VA INSTAR mIBI Stream Health Moderate # Rare Fish (HUC8) 1 PA IBI Stream Health N/A



Nο

No

Globally rare or fed listed fish/mussel sp HUC12

Globally rare or fed listed fish/mussel sp in

upstream or downstream functional network

Rare Mussel (HUC8)

Rare Crayfish (HUC8)

3

0

No

No

Rare fish or mussel sp in HUC12

Rare fish or mussel in upstream or

downstream functional network