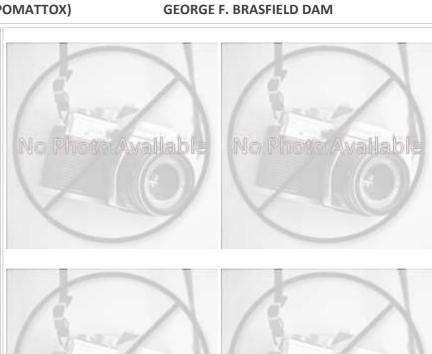
## **Chesapeake Fish Passage Prioritization - Dam Fact Sheet**

	Chesapeake Fish Passage Phon				
CFPPP Unique ID:	VA_800 BRASFIELD (APPOMATTOX)				
Diadromous Tier	1				
Brook Trout Tier	N/A	1			
Resident Tier	1	18			
NID ID	VA04101	1 3			
State ID	800	No Ph			
River Name	Appomattox River	1 / 1			
Dam Height (ft)	73	12			
Dam Type	Gravity				
Latitude	37.2204				
Longitude	-77.5249				
Passage Facilities	Fish Lift	13			
Passage Year	2004	18			
Size Class	3b: Medium Mainstem River (1,				
HUC 12	Oldtown Creek-Appomattox Riv	Mo Ph			
HUC 10	Ashton Creek-Appomattox River	1			
HUC 8	Appomattox				
HUC 6	James				
HUC 4	Lower Chesapeake				



Landcover					
NLCD (2011)		Chesapeake Conservancy (2016)			
% Impervious Surface in Upstream Drainage Area	0.53	% Tree Cover in ARA of Upstream Network	86.58		
% Natural Cover in Upstream Drainage Area	78.27	% Tree Cover in ARA of Downstream Network	74.57		
% Forested in Upstream Drainage Area	62.59	% Herbaceaous Cover in ARA of Upstream Network	9.87		
% Agriculture in Upstream Drainage Area	17.95	% Herbaceaous Cover in ARA of Downstream Network	9.99		
% Natural Cover in ARA of Upstream Network	88.39	% Barren Cover in ARA of Upstream Network	0.08		
% Natural Cover in ARA of Downstream Network	86.42	% Barren Cover in ARA of Downstream Network	2.2		
% Forest Cover in ARA of Upstream Network	61	% Road Impervious in ARA of Upstream Network	0.36		
% Forest Cover in ARA of Downstream Network	58.36	% Road Impervious in ARA of Downstream Network	1.08		
% Agricultral Cover in ARA of Upstream Network	9.87	% Other Impervious in ARA of Upstream Network	0.38		
% Agricultral Cover in ARA of Downstream Network	7.46	% Other Impervious in ARA of Downstream Network	2.13		
% Impervious Surf in ARA of Upstream Network	0.27				
% Impervious Surf in ARA of Downstream Network	1.26				



**Chesapeake Fish Passage Prioritization - Dam Fact Sheet** CFPPP Unique ID: VA 800 **BRASFIELD (APPOMATTOX) GEORGE F. BRASFIELD DAM** Network, System Type and Condition Functional Upstream Network (mi) Upstream Size Class Gain (#) 2956.68 3 # Downsteam Natural Barriers Total Functional Network (mi) 2966.67 0 Absolute Gain (mi) 9.99 # Downstream Hydropower Dams 2 # Size Classes in Total Network # Downstream Dams with Passage 2 5 # Upstream Network Size Classes 5 # of Downstream Barriers 2 NEHAP Cumulative Disturbance Index Not Scored / Unavailable at this scale Dam is on Conserved Land No % Conserved Land in 100m Buffer of Upstream Network 5.91 % Conserved Land in 100m Buffer of Downstream Network 3.77 Density of Crossings in Upstream Network Watershed (#/m2) 0.5 Density of Crossings in Downstream Network Watershed (#/m2) 1.02 Density of off-channel dams in Upstream Network Watershed (#/m2) Density of off-channel dams in Downstream Network Watershed (#/m2) 0.05 Diadromous Fish Downstream Alewife Current **Downstream Striped Bass** None Documented Downstream Blueback Historical Downstream Atlantic Sturgeon None Documented Downstream American Shad Potential Current Downstream Shortnose Sturgeon None Documented Downstream Hickory Shad None Documented Downstream American Eel Current Presence of 1 or More Downstream Anadromous Species Current

# Diadromous Species Downstream (incl eel)

Resident Fish		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	Very High
# Rare Fish (HUC8)	1	PA IBI Stream Health	N/A
# Rare Mussel (HUC8)	3		
# Rare Crayfish (HUC8)	0		

