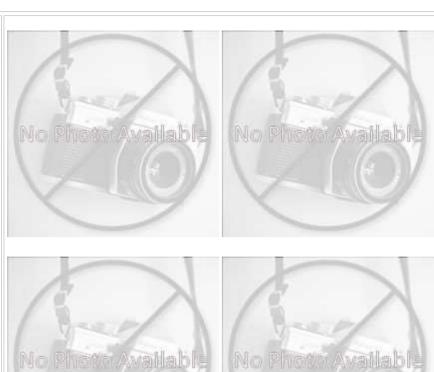
Chesapeake Fish Passage Prioritization - Dam Fact Sheet

chesapeake i ishi i asse									
CFPPP Unique ID:	VA_99 KENNEDY DAM								
Diadromous Tier	2								
Brook Trout Tier	N/A								
Resident Tier	5								
NID ID	VA17910								
State ID	99								
River Name									
Dam Height (ft)	24								
Dam Type	Gravity								
Latitude	38.284								
Longitude	-77.4269								
Passage Facilities	None Documented								
Passage Year	N/A								
Size Class	1a: Headwater (0 - 3.861 sq mi)								
HUC 12	Hazel Run-Rappahannock River								
HUC 10	Massaponax Creek-Rappahanno								
HUC 8	Lower Rappahannock								
HUC 6	Lower Chesapeake								
HUC 4	Lower Chesapeake								



Landcover									
NLCD (2011)		Chesapeake Conservancy (2016)							
% Impervious Surface in Upstream Drainage Area	10.65	% Tree Cover in ARA of Upstream Network	57.56						
% Natural Cover in Upstream Drainage Area	32.53	% Tree Cover in ARA of Downstream Network	62.07						
 % Forested in Upstream Drainage Area % Agriculture in Upstream Drainage Area % Natural Cover in ARA of Upstream Network 62.96 		% Herbaceaous Cover in ARA of Upstream Network	15.27						
		% Herbaceaous Cover in ARA of Downstream Network	28.22						
		% Barren Cover in ARA of Upstream Network							
% Natural Cover in ARA of Downstream Network	61.15	% Barren Cover in ARA of Downstream Network	0.27						
% Forest Cover in ARA of Upstream Network	38.62	% Road Impervious in ARA of Upstream Network	3.34						
% Forest Cover in ARA of Downstream Network	38.92	% Road Impervious in ARA of Downstream Network	0.91						
% Agricultral Cover in ARA of Upstream Network	0	% Other Impervious in ARA of Upstream Network	6.14						
% Agricultral Cover in ARA of Downstream Network	32.21	% Other Impervious in ARA of Downstream Network							
% Impervious Surf in ARA of Upstream Network	5.07								
% Impervious Surf in ARA of Downstream Network	1.05								



Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: VA_99 KENNEDY DAM

CIFFF Offique ID. VA_33	KEINIEDI DAIVI					
	Network, Sy	ystem	Type and Co	ndition		
Functional Upstream Network	(mi) 1.73		Upst	tream Size Class Gain (‡	‡)	0
Total Functional Network (mi) 3330.75			# Downsteam Natural Barriers			0
Absolute Gain (mi) 1.73			# Downstream Hydropower Dams			0
# Size Classes in Total Network 5 # Upstream Network Size Classes 1			# Downstream Dams with Passage			0
			# of	0		
NFHAP Cumulative Disturbanc	e Index			Very High		
Dam is on Conserved Land				No		
% Conserved Land in 100m Bu	ffer of Upstream Netwo	ork		0		
% Conserved Land in 100m Bu	ffer of Downstream Ne	twork	work 20.81			
Density of Crossings in Upstream Network Watershed (#/m2) 1.47						
Density of Crossings in Downst	tream Network Waters	hed (#	‡/m2)	0.91		
Density of off-channel dams in	Upstream Network W	atersh	ned (#/m2)	0		
Density of off-channel dams in	Downstream Network	Wate	ershed (#/m2) 0		
	[Diadro	omous Fish			
Downstream Alewife Current			Downstream Striped Bass None Doc			umented
Downstream Blueback Current		Downstream Atlantic Sturgeon None Docu				umented
Downstream American Shad	None Documented		Downstrear	n Shortnose Sturgeon	None Doc	umented
Downstream Hickory Shad	None Documented		Downstrear	n American Eel	Current	
Presence of 1 or More Downs	e Downstream Anadromous Spe		es Current			
# Diadromous Species Downst	ream (incl eel)		3			
Reside			Stream Health			
Barrier is in EBTJV BKT Catchment		No	Chesa	Chesapeake Bay Program Stream Health GOOD		
Barrier is in Modeled BKT Catchment (DeWeber)		No	MDN	MD MBSS Benthic IBI Stream Health		N/A
Barrier Blocks an EBTJV Catchment Barrier Blocks a Modeled BKT Catchment (DeWeber)		Yes	MD MBSS Fish IBI Stream Health MD MBSS Combined IBI Stream Health		N/A	
		No			am Health	N/A
Native Fish Species Richness (HUC8)			VA IN	STAR mIBI Stream Heal	th	Outstanding
# Rare Fish (HUC8)		2	PA IBI	Stream Health		N/A
# Rare Mussel (HUC8)		2				
# Rare Crayfish (HUC8)		0				

