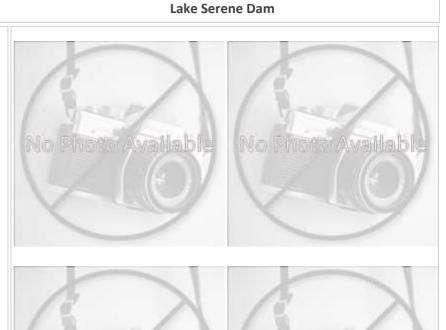
Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID:	VA_1086	•	BUTLER DAM	
Bay-wide Diadron	nous Tier	18		
Bay-wide Residen	t Tier	11		
Bay-wide Brook T	rout Tier	N/A		
NID ID	VA06901			
State ID	1086			
River Name	Babbs Rur	ı		
Dam Height (ft)	24			
Dam Type	Gravity			
Latitude	39.267			
Longitude	-78.1997			
Passage Facilities	None Doc	ument	ed	
Passage Year	N/A			
Size Class	Gravity 39.267 -78.1997 None Documented N/A 1b: Creek (3.861 - 38.61 sq mi) Babbs Run Back Creek			
HUC 12	Babbs Rur	ı		
HUC 10	Back Cree	k		
HUC 8	Conococh	eague-	Opequon	
HUC 6	Potomac			
HUC 4	Potomac			



Landcover							
NLCD (2011)		Chesapeake Conservancy (2016)					
% Impervious Surface in Upstream Drainage Area 2.0		% Tree Cover in ARA of Upstream Network					
% Natural Cover in Upstream Drainage Area	33.58	% Tree Cover in ARA of Downstream Network	71.81				
% Forested in Upstream Drainage Area	32.3	% Herbaceaous Cover in ARA of Upstream Network	73.97				
% Agriculture in Upstream Drainage Area	57.05	% Herbaceaous Cover in ARA of Downstream Network	1.18				
% Natural Cover in ARA of Upstream Network	18.33	% Barren Cover in ARA of Upstream Network	0				
% Natural Cover in ARA of Downstream Network	90.93	% Barren Cover in ARA of Downstream Network	0				
% Forest Cover in ARA of Upstream Network	14.48	% Road Impervious in ARA of Upstream Network	0.63				
% Forest Cover in ARA of Downstream Network	58.15	% Road Impervious in ARA of Downstream Network	1.28				
% Agricultral Cover in ARA of Upstream Network	78.67	% Other Impervious in ARA of Upstream Network	1.11				
% Agricultral Cover in ARA of Downstream Network	0.56	% Other Impervious in ARA of Downstream Network	1.78				
% Impervious Surf in ARA of Upstream Network	0.31						
% Impervious Surf in ARA of Downstream Network	0.23						



Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: VA_1086	BUTLER DAM			Lake Serene Dam						
Network, System Type and Condition										
Functional Upstream Network (mi)	8.66			Upstream Size Class Gain (#)	0					
Total Functional Network (mi)	13.12	# Downsteam Natural Barriers		1						
Absolute Gain (mi)	4.46		# Downstream Hydropower Dams		2					
# Size Classes in Total Network	2			# Downstream Dams with Passage	1					
# Upstream Network Size Classes	2		# of Downstream Barriers		7					
NFHAP Cumulative Disturbance Ind	ex			High						
Dam is on Conserved Land				No						
% Conserved Land in 100m Buffer of Upstream Network 0			0							
% Conserved Land in 100m Buffer of Downstream Network 0				0						
Density of Crossings in Upstream Network Watershed (#/m2) 1.06										
Density of Crossings in Downstream Network Watershed (#/m2) 1.8										
Density of off-channel dams in Upstream Network Watershed (#/m2) 0										
Density of off-channel dams in Dow	nstream Network	Wate	rshed	(#/m2) 0						
	I	Diadro	mous	Fish						
Downstream Alewife	None Documente	nted Downstream Striped Bass		None Documented						
Downstream Blueback	None Documente	ed Downstream Atlantic Sturgeon		None Documented						
Downstream American Shad	None Documente	one Documented Downstrea		nstream Shortnose Sturgeon	None Documented					
Downstream Hickory Shad	None Documente	ed	Downstream American Eel		None Documented					
One or More DS Anadromous Spec	ies None Docume	9	# Dia	adromous Sp Dnstrm (incl eel)	0					
Resident Fish and	l Rare Species			Stream Health						
Barrier is in EBTJV BKT Catchment N		No		Chesapeake Bay Program Stream He	ealth	GOOD				
Barrier is in Modeled BKT Catchment (DeWeber) N		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		No		MD MBSS Combined IBI Stream Hea	lth	N/A				
Native Fish Species Richness (HUC8) 42		42		VA INSTAR mIBI Stream Health		High				
# Rare Fish (HUC8)	0 PA IBI Stream Health		PA IBI Stream Health		N/A					
# Rare Mussel (HUC8)		5								
# Rare Crayfish (HUC8)		0								
Globally rare or fed listed fish/mus.	sel sp HUC12	No		Rare fish or mussel sp in HUC12		No				
Globally rare or fed listed fish/mussel sp in upstream or downstream functional network		No		Rare fish or mussel in upstream or downstream functional network		No				

