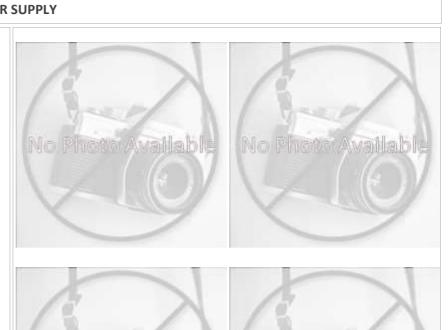
Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID:	PA_22-076	LYKENS WATER	
Bay-wide Diadrom	nous Tier	6	
Bay-wide Resident	t Tier	9	
Bay-wide Brook Tr	rout Tier	3	
NID ID			
State ID	22-076		
River Name	Rattling Creek		
Dam Height (ft)	15		
Dam Type	Stone		
Latitude	40.5532		
Longitude	-76.6934		
Passage Facilities	None Docume	nted	
Passage Year	N/A		
Size Class	1b: Creek (3.861 - 38.61 sq mi)		
HUC 12	Rattling Creek		
HUC 10	Wiconisco Cre	ek	
HUC 8	Lower Susquel	nanna-Penns	

Lower Susquehanna

Susquehanna



Landcover				
NLCD (2011)		Chesapeake Conservancy (2016)		
% Impervious Surface in Upstream Drainage Area	0.07	% Tree Cover in ARA of Upstream Network	90.48	
% Natural Cover in Upstream Drainage Area	97.69	% Tree Cover in ARA of Downstream Network	57.9	
% Forested in Upstream Drainage Area	97.66	% Herbaceaous Cover in ARA of Upstream Network	6.74	
% Agriculture in Upstream Drainage Area	0.02	% Herbaceaous Cover in ARA of Downstream Network	29.41	
% Natural Cover in ARA of Upstream Network	71.15	% Barren Cover in ARA of Upstream Network	0	
% Natural Cover in ARA of Downstream Network	63.5	% Barren Cover in ARA of Downstream Network	0.56	
% Forest Cover in ARA of Upstream Network	71.15	% Road Impervious in ARA of Upstream Network	1.41	
% Forest Cover in ARA of Downstream Network	52.34	% Road Impervious in ARA of Downstream Network	1.34	
% Agricultral Cover in ARA of Upstream Network	0	% Other Impervious in ARA of Upstream Network	0	
% Agricultral Cover in ARA of Downstream Network	23.41	% Other Impervious in ARA of Downstream Network	2.82	
% Impervious Surf in ARA of Upstream Network	2.31			
% Impervious Surf in ARA of Downstream Network	2.58			



HUC 6

HUC 4

Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: PA 22-076 LYKENS WATER SUPPLY Network, System Type and Condition Functional Upstream Network (mi) Upstream Size Class Gain (#) 0 0.1 Total Functional Network (mi) 4507.77 # Downsteam Natural Barriers 0 Absolute Gain (mi) 0.1 Δ # Downstream Hydropower Dams # Size Classes in Total Network 6 # Downstream Dams with Passage 5 # Upstream Network Size Classes n # of Downstream Barriers NEHAP Cumulative Disturbance Index Moderate Dam is on Conserved Land Nο % Conserved Land in 100m Buffer of Upstream Network 48.65 % Conserved Land in 100m Buffer of Downstream Network 8.38 Density of Crossings in Upstream Network Watershed (#/m2) Density of Crossings in Downstream Network Watershed (#/m2) 1.21 Density of off-channel dams in Upstream Network Watershed (#/m2) Density of off-channel dams in Downstream Network Watershed (#/m2) Λ Diadromous Fish Downstream Alewife **Potential Current** None Documented Downstream Striped Bass Downstream Blueback Potential Current 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 Potential Curre # Diadromous Sp Dnstrm (incl eel) Resident Fish and Rare Species Stream Health Barrier is in EBTJV BKT Catchment Yes 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 Nο MD MBSS Fish IBI Stream Health N/A Barrier Blocks a Modeled BKT Catchment (DeWeber) Yes MD MBSS Combined IBI Stream Health N/A Native Fish Species Richness (HUC8) 33 VA INSTAR mIBI Stream Health N/A 0 # Rare Fish (HUC8) PA IBI Stream Health Insufficient Data # Rare Mussel (HUC8) 3 # Rare Crayfish (HUC8) 0 Globally rare or fed listed fish/mussel sp HUC12 Rare fish or mussel sp in HUC12 Nο No



Yes

Rare fish or mussel in upstream or

downstream functional network

Globally rare or fed listed fish/mussel sp in

upstream or downstream functional network

Yes