Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: PA_PA00648 PINE RUN DAM NO 1

Bay-wide Diadromous Tier 12
Bay-wide Resident Tier 9
Bay-wide Brook Trout Tier 8

NID ID PA00648
State ID PA00648
River Name Pine Creek

Dam Height (ft) 43

Dam Type Masonry / Gravity

Latitude 41.1966 Longitude -75.8932

Passage Facilities None Documented

Passage Year N/A

Size Class 1b: Creek (3.861 - 38.61 sq mi)

HUC 12 Sugar Notch Run-Solomon Creek

HUC 10 Upper Susquehanna River

HUC 8 Upper Susquehanna-Lackawann

HUC 6 Upper Susquehanna

HUC 4 Susquehanna







	Land	cover	
NLCD (2011)		Chesapeake Conservancy (2016)	
% Impervious Surface in Upstream Drainage Area	0.3	% Tree Cover in ARA of Upstream Network	91.53
% Natural Cover in Upstream Drainage Area	97.48	% Tree Cover in ARA of Downstream Network	87.51
% Forested in Upstream Drainage Area	96.54	% Herbaceaous Cover in ARA of Upstream Network	5.24
% Agriculture in Upstream Drainage Area	0	% Herbaceaous Cover in ARA of Downstream Network	7.49
% Natural Cover in ARA of Upstream Network	94.38	% Barren Cover in ARA of Upstream Network	0.42
% Natural Cover in ARA of Downstream Network	80.37	% Barren Cover in ARA of Downstream Network	0
% Forest Cover in ARA of Upstream Network	91.93	% Road Impervious in ARA of Upstream Network	1.15
% Forest Cover in ARA of Downstream Network	80.37	% Road Impervious in ARA of Downstream Network	3.09
% Agricultral Cover in ARA of Upstream Network	0	% Other Impervious in ARA of Upstream Network	1.46
% Agricultral Cover in ARA of Downstream Network	0	% Other Impervious in ARA of Downstream Network	1.79
% Impervious Surf in ARA of Upstream Network	0.53		
% Impervious Surf in ARA of Downstream Network	3.54		



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# Size Classes in Total Network 2 # Downstream Dams with Passage 5 # Upstream Network Size Classes 2 # of Downstream Barriers 7 NFHAP Cumulative Disturbance Index Dam is on Conserved Land No # Conserved Land in 100m Buffer of Upstream Network 42.19 # Conserved Land in 100m Buffer of Downstream Network 29.26 Density of Crossings in Upstream Network Watershed (#/m2) 1.03 Density of Crossings in Downstream Network Watershed (#/m2) 2.37 Density of off-channel dams in Upstream Network Watershed (#/m2) 0 Density of off-channel dams in Downstream Network Watershed (#/m2) 0 Density of off-channel dams in Downstream Network Watershed (#/m2) 0 Density of off-channel dams in Downstream Network Watershed (#/m2) 0 Diadromous Fish Downstream Alewife None Documented Downstream Striped Bass None Documented Downstream American Shad None Documented Downstream Atlantic Sturgeon None Documented Downstream American Shad None Documented Downstream American Eel Current Presence of 1 or More Downstream Anadromous Species None Docume # Diadromous Species Downstream (incl eel) 1 Resident Fish Stream Health FAIR Barrier is in EBTJV BKT Catchment Yes Chesapeake Bay Program 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 Fish IBI Stream Health N/A Barrier Blocks a Modeled BKT Catchment (DeWeber) Yes MD MBSS Combined 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) 37 VA INSTAR mIBI Stream Health N/A # Rare Fish (HUC8) 0 PA IBI Stream Health Fair # Rare Mussel (HUC8) 6		Network, Sy	ystem	Type and	Cond	ition		
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