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

CFPPP Unique ID: PA\_28-121 HORSESHOE LAKE

Diadromous Tier 20

Brook Trout Tier N/A

Resident Tier 15

NID ID

State ID 28-121

River Name

Dam Height (ft) 19

Dam Type Earth

Latitude 40.2088

Longitude -77.6286

Passage Facilities None Documented

Passage Year N/A

Size Class 1a: Headwater (0 - 3.861 sq mi)

HUC 12 Headwaters West Branch Conoc

HUC 10 West Branch Conococheague Cr

HUC 8 Conococheague-Opequon

HUC 6 Potomac HUC 4 Potomac







	Land	cover	
NLCD (2011)		Chesapeake Conservancy (2016)	
% Impervious Surface in Upstream Drainage Area	0.44	% Tree Cover in ARA of Upstream Network	30.78
% Natural Cover in Upstream Drainage Area	85.33	% Tree Cover in ARA of Downstream Network	49.21
% Forested in Upstream Drainage Area	70.67	% Herbaceaous Cover in ARA of Upstream Network	31.59
% Agriculture in Upstream Drainage Area	0	% Herbaceaous Cover in ARA of Downstream Network	45.84
% Natural Cover in ARA of Upstream Network	80	% Barren Cover in ARA of Upstream Network	0
% Natural Cover in ARA of Downstream Network	48.77	% Barren Cover in ARA of Downstream Network	0.4
% Forest Cover in ARA of Upstream Network	55	% Road Impervious in ARA of Upstream Network	0
% Forest Cover in ARA of Downstream Network	47.6	% Road Impervious in ARA of Downstream Network	1.47
% Agricultral Cover in ARA of Upstream Network	0	% Other Impervious in ARA of Upstream Network	0
% Agricultral Cover in ARA of Downstream Network	40.49	% Other Impervious in ARA of Downstream Network	1.54
% Impervious Surf in ARA of Upstream Network	0.21		
% Impervious Surf in ARA of Downstream Network	1.84		



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

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Total Functional Network (mi)  Absolute Gain (mi)  O.05  # Down # Size Classes in Total Network  # Upstream Network Size Classes  O  NFHAP Cumulative Disturbance Index  Dam is on Conserved Land  % Conserved Land in 100m Buffer of Upstream Network  % Conserved Land in 100m Buffer of Downstream Network  Density of Crossings in Upstream Network Watershed (#/m2)  Density of Off-channel dams in Upstream Network Watershed (#/m2)  Density of off-channel dams in Downstream Network Watershed (#/m2)  Density of off-channel dams in Downstream Network Watershed (#/m2)  Density of off-channel dams in Downstream Network Watershed (#/m2)  Density of off-channel dams in Downstream Network Watershed (#/m2)  Density of off-channel dams in Downstream Network Watershed (#/m2)  Downstream Alewife  None Documented  Downstream American Shad  None Documented  Downstream American Shad  None Documented  Downstream Alewife  Downstream Anadromous Species  None Docume  # Diadromous Species Downstream (incl eel)  O  Resident Fish  Barrier is in EBTJV BKT Catchment  No  Chesapea  MD MBSS	n Size Class Gain (#) team Natural Barriers tream Hydropower Dam tream Dams with Passag nstream Barriers  Low No 0 1 1.51	
Total Functional Network (mi)  Absolute Gain (mi)  O.05  # Down # Size Classes in Total Network  # Upstream Network Size Classes  O # of Down NFHAP Cumulative Disturbance Index  Dam is on Conserved Land  % Conserved Land in 100m Buffer of Upstream Network  % Conserved Land in 100m Buffer of Downstream Network  Density of Crossings in Upstream Network Watershed (#/m2)  Density of off-channel dams in Upstream Network Watershed (#/m2)  Density of off-channel dams in Downstream Network Watershed (#/m2)  Density of off-channel dams in Downstream Network Watershed (#/m2)  Density of off-channel dams in Downstream Network Watershed (#/m2)  Downstream Alewife  None Documented  Downstream Alewife  Downstream American Shad  None Documented  Downstream Alewife  Downstream Anadromous Species  None Docume  # Diadromous Species Downstream Anadromous Species  # Diadromous Species Downstream (incl eel)  O  Resident Fish  Barrier is in EBTJV BKT Catchment  No  Chesapea  MD MBSS	team Natural Barriers  tream Hydropower Dam  tream Dams with Passag  nstream Barriers  Low  No  10  11.51	1 2 2 ge 1
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	Chesapeake Bay Program Stream Health POOR	
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Barrier Blocks a Modeled BKT Catchment (DeWeber) Yes MD MBS	ו ואוו ואון אוו במווו הבמונון	ealth <b>N/A</b>
Native Fish Species Richness (HUC8) 42 VA INSTA	Combined IBI Stream He	N/A
# Rare Fish (HUC8) 0 PA IBI Str		Fair
# Rare Mussel (HUC8) 5	Combined IBI Stream He	
# Rare Crayfish (HUC8) 0	Combined IBI Stream He mIBI Stream Health	

