Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: PA_PA01781 MOON LAKE

Diadromous Tier 9

Brook Trout Tier N/A

Resident Tier 15

 NID ID
 PA01781

 State ID
 54-104

River Name Deep Creek

Dam Height (ft) 12

Dam Type

Latitude 40.7191 Longitude -76.3802

Passage Facilities None Documented

Passage Year N/A

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

HUC 12 Hans Yost Creek-Deep Creek

HUC 10 Deep Creek

HUC 8 Lower Susquehanna-Penns

HUC 6 Lower Susquehanna

HUC 4 Susquehanna







Landcover				
NLCD (2011)		Chesapeake Conservancy (2016)		
% Impervious Surface in Upstream Drainage Area	1.76	% Tree Cover in ARA of Upstream Network	83.13	
% Natural Cover in Upstream Drainage Area	87.38	% Tree Cover in ARA of Downstream Network	55.53	
% Forested in Upstream Drainage Area	85.89	% Herbaceaous Cover in ARA of Upstream Network	12.26	
% Agriculture in Upstream Drainage Area	0.57	% Herbaceaous Cover in ARA of Downstream Network	23.73	
% Natural Cover in ARA of Upstream Network	90.78	% Barren Cover in ARA of Upstream Network	0.09	
% Natural Cover in ARA of Downstream Network	65.3	% Barren Cover in ARA of Downstream Network	2.38	
% Forest Cover in ARA of Upstream Network	87.98	% Road Impervious in ARA of Upstream Network	2.15	
% Forest Cover in ARA of Downstream Network	48.86	% Road Impervious in ARA of Downstream Network	4.23	
% Agricultral Cover in ARA of Upstream Network	1.63	% Other Impervious in ARA of Upstream Network	0.75	
% Agricultral Cover in ARA of Downstream Network	6.85	% Other Impervious in ARA of Downstream Network	4.91	
% Impervious Surf in ARA of Upstream Network	0.38			
% Impervious Surf in ARA of Downstream Network	3.63			



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	Network, Sys	stem Ty	ype and Condition	
Functional Upstream Network	(mi) 1.92		Upstream Size Class Gain (#)	1
Total Functional Network (mi)	2.26		# Downsteam Natural Barriers	0
Absolute Gain (mi)	0.34		# Downstream Hydropower D	ams 5
# Size Classes in Total Networl	k 1		# Downstream Dams with Pas	sage 5
# Upstream Network Size Clas	ses 1		# of Downstream Barriers	7
NFHAP Cumulative Disturband	ce Index		Not Scored / Unavaila	able at this scale
Dam is on Conserved Land			No	
% Conserved Land in 100m Buffer of Upstream Network		rk	0	
% Conserved Land in 100m Bu	iffer of Downstream Net	work	0	
Density of Crossings in Upstream Network Watershed (#/m			0.52	
Density of Crossings in Downs	tream Network Watersh	ed (#/r	m2) 1.16	
Density of off-channel dams ir	n Upstream Network Wa	tershed	d (#/m2) 0	
Density of off-channel dams in	n Downstream Network \	Waters	hed (#/m2) 0	
			ava Field	
	D	uadrom	ous Fish	
Downstroom Alowife	Historical			lana Dagumanta
Downstream Alewife	Historical	[Downstream Striped Bass N	Ione Documented
Downstream Alewife Downstream Blueback	Historical Historical	[Downstream Striped Bass N	Ione Documented
			Downstream Striped Bass N Downstream Atlantic Sturgeon N	
Downstream Blueback	Historical	0	Downstream Striped Bass N Downstream Atlantic Sturgeon N Downstream Shortnose Sturgeon N	lone Documented
Downstream Blueback Downstream American Shad	Historical None Documented None Documented		Downstream Striped Bass N Downstream Atlantic Sturgeon N Downstream Shortnose Sturgeon N	Ione Documented
Downstream Blueback Downstream American Shad Downstream Hickory Shad	Historical None Documented None Documented Stream Anadromous Spec		Downstream Striped Bass Downstream Atlantic Sturgeon Downstream Shortnose Sturgeon Downstream American Eel C	Ione Documented
Downstream Blueback Downstream American Shad Downstream Hickory Shad Presence of 1 or More Downs # Diadromous Species Downs	Historical None Documented None Documented Stream Anadromous Spec		Downstream Striped Bass Downstream Atlantic Sturgeon Downstream Shortnose Sturgeon Downstream American Eel C	Ione Documented Ione Documented Current
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Downstream Blueback Downstream American Shad Downstream Hickory Shad Presence of 1 or More Downs # Diadromous Species Downs	Historical None Documented None Documented Stream Anadromous Spectream (incl eel) ent Fish ment	c c cies H	Downstream Striped Bass Nownstream Atlantic Sturgeon Nownstream Shortnose Sturgeon Nownstream American Eel Collistorical Stream	Jone Documented Jone Documented Jorrent Health m Health POOR
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Downstream Blueback Downstream American Shad Downstream Hickory Shad Presence of 1 or More Downs # Diadromous Species Downs Reside Barrier is in EBTJV BKT Catchn Barrier is in Modeled BKT Catch	Historical None Documented None Documented Stream Anadromous Spectream (incl eel) Ent Fish Hent Historical	cies H No No No	Downstream Striped Bass Downstream Atlantic Sturgeon Downstream Shortnose Sturgeon Downstream American Eel Chesapeake Bay Program Strea MD MBSS Benthic IBI Stream Healt	Jone Documented Jone Documented Jorent Health m Health POOR ealth N/A
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