Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID:	PA_40-037		HANOVER
Bay-wide Diadrom	nous Tier	14	
Bay-wide Resident	t Tier	11	
Bay-wide Brook Tr	rout Tier	N/A	
NID ID			
State ID	40-037		
River Name	Espy Run		
Dam Height (ft)	11		
Dam Type	Concrete		
Latitude	41.1741		
Longitude	-75.9893		
Passage Facilities	None Docu	ment	ed
Passage Year	N/A		
Size Class	1a: Headw	ater (0	0 - 3.861 sq mi)
HUC 12	Nanticoke	Creek	
HUC 10	Upper Susc	queha	nna River
HUC 8	Upper Susc	queha	nna-Lackawann

Upper Susquehanna

Susquehanna







Landcover					
NLCD (2011)		Chesapeake Conservancy (2016)			
% Impervious Surface in Upstream Drainage Area	0	% Tree Cover in ARA of Upstream Network	69.67		
% Natural Cover in Upstream Drainage Area	100	% Tree Cover in ARA of Downstream Network	98.06		
% Forested in Upstream Drainage Area	89.26	% Herbaceaous Cover in ARA of Upstream Network	0.96		
% Agriculture in Upstream Drainage Area	0	% Herbaceaous Cover in ARA of Downstream Network	1.09		
% Natural Cover in ARA of Upstream Network	100	% Barren Cover in ARA of Upstream Network	0.13		
% Natural Cover in ARA of Downstream Network	100	% Barren Cover in ARA of Downstream Network	0		
% Forest Cover in ARA of Upstream Network	64.49	% Road Impervious in ARA of Upstream Network	0		
% Forest Cover in ARA of Downstream Network	100	% Road Impervious in ARA of Downstream Network	0		
% Agricultral Cover in ARA of Upstream Network	0	% Other Impervious in ARA of Upstream Network	0		
% Agricultral Cover in ARA of Downstream Network	0	% Other Impervious in ARA of Downstream Network	0		
% Impervious Surf in ARA of Upstream Network	0				
% Impervious Surf in ARA of Downstream Network	0				



HUC 6

HUC 4

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	Network, Sys	stem Ty	pe and Condition		
Functional Upstream Network	(mi) 0.15		Upstream Size Class Gain (#	÷)	0
Total Functional Network (mi)	0.37		# Downsteam Natural Barri	ers	0
Absolute Gain (mi)	0.15		# Downstream Hydropowe	r Dams	4
# Size Classes in Total Network	k 0		# Downstream Dams with F	Passage	5
# Upstream Network Size Clas	ses 0		# of Downstream Barriers		7
NFHAP Cumulative Disturbanc	ce Index		Not Scored / Unava	ailable at thi	s scale
Dam is on Conserved Land			No		
% Conserved Land in 100m Bu	ffer of Upstream Networ	rk	0		
% Conserved Land in 100m Bu	ffer of Downstream Netv	work	0		
Density of Crossings in Upstrea	am Network Watershed ((#/m2)	0		
Density of Crossings in Downs	tream Network Watersho	ed (#/m	12) 0		
Density of off-channel dams in	n Upstream Network Wat	tershed	I (#/m2) 0		
Density of off-channel dams in	n Downstream Network V	Watersh	ned (#/m2) 0		
	Di	iadrom	ous Fish		
Downstream Alewife	None Documented	D	ownstream Striped Bass	None Docu	ımented
Downstream Alewife Downstream Blueback	None Documented None Documented		ownstream Striped Bass ownstream Atlantic Sturgeon	None Docu	
		D	·		ımented
Downstream Blueback	None Documented	D D	ownstream Atlantic Sturgeon	None Docu	ımented
Downstream Blueback Downstream American Shad	None Documented None Documented None Documented	D D	ownstream Atlantic Sturgeon ownstream Shortnose Sturgeon	None Docu	ımented
Downstream Blueback Downstream American Shad Downstream Hickory Shad	None Documented None Documented None Documented stream Anadromous Spec	D D	ownstream Atlantic Sturgeon ownstream Shortnose Sturgeon ownstream American Eel one Docume	None Docu	ımented
Downstream Blueback Downstream American Shad Downstream Hickory Shad Presence of 1 or More Downs # Diadromous Species Downs	None Documented None Documented None Documented stream Anadromous Spec	D D D	ownstream Atlantic Sturgeon ownstream Shortnose Sturgeon ownstream American Eel one Docume	None Docu None Docu Current	ımented
Downstream Blueback Downstream American Shad Downstream Hickory Shad Presence of 1 or More Downs # Diadromous Species Downs Reside	None Documented None Documented None Documented stream Anadromous Spectream (incl eel)	D D D cies N	ownstream Atlantic Sturgeon ownstream Shortnose Sturgeon ownstream American Eel one Docume	None Docu None Docu Current m Health	umented
Downstream Blueback Downstream American Shad Downstream Hickory Shad Presence of 1 or More Downs # Diadromous Species Downst Reside Barrier is in EBTJV BKT Catchm	None Documented None Documented None Documented stream Anadromous Spectream (incl eel) Int Fish Internal Intern	D D cies N 1	ownstream Atlantic Sturgeon ownstream Shortnose Sturgeon ownstream American Eel one Docume Strea Chesapeake Bay Program Str	None Docu None Docu Current m Health eam Health	imented imented FAIR
Downstream Blueback Downstream American Shad Downstream Hickory Shad Presence of 1 or More Downs # Diadromous Species Downs Reside Barrier is in EBTJV BKT Catchm Barrier is in Modeled BKT Catch	None Documented None Documented None Documented stream Anadromous Spectream (incl eel) nt Fish nent chment (DeWeber)	D D D cies N	ownstream Atlantic Sturgeon ownstream Shortnose Sturgeon ownstream American Eel one Docume	None Docu None Docu Current m Health eam Health	umented
Downstream Blueback Downstream American Shad Downstream Hickory Shad Presence of 1 or More Downs # Diadromous Species Downs Reside Barrier is in EBTJV BKT Catchm Barrier is in Modeled BKT Catch Barrier Blocks an EBTJV Catch	None Documented None Documented None Documented Atream Anadromous Spector Atream (incl eel) Int Fish Internet (DeWeber) Internet (Internet	D D D cies N 1	ownstream Atlantic Sturgeon ownstream Shortnose Sturgeon ownstream American Eel one Docume Strea Chesapeake Bay Program Str	None Docu None Docu Current m Health eam Health Health	imented imented FAIR
Downstream Blueback Downstream American Shad Downstream Hickory Shad Presence of 1 or More Downs # Diadromous Species Downs Reside Barrier is in EBTJV BKT Catchm Barrier is in Modeled BKT Catch	None Documented None Documented None Documented Atream Anadromous Spector Atream (incl eel) Int Fish Internet (DeWeber) Internet (Internet	D D D cies N 1	ownstream Atlantic Sturgeon ownstream Shortnose Sturgeon ownstream American Eel one Docume Strea Chesapeake Bay Program Str MD MBSS Benthic IBI Stream	None Docu None Docu Current m Health eam Health Health alth	imented imented FAIR N/A
Downstream Blueback Downstream American Shad Downstream Hickory Shad Presence of 1 or More Downs # Diadromous Species Downs Reside Barrier is in EBTJV BKT Catchm Barrier is in Modeled BKT Catch Barrier Blocks an EBTJV Catch	None Documented None Documented None Documented Stream Anadromous Spector tream (incl eel) Int Fish Inent Inchment (DeWeber) Interpretation of the company of the comp	D D D cies N 1	Oownstream Atlantic Sturgeon Oownstream Shortnose Sturgeon Oownstream American Eel One Docume Strea Chesapeake Bay Program Str MD MBSS Benthic IBI Stream MD MBSS Fish IBI Stream He	None Docu None Docu Current m Health eam Health Health alth	FAIR N/A
Downstream Blueback Downstream American Shad Downstream Hickory Shad Presence of 1 or More Downs # Diadromous Species Downst Reside Barrier is in EBTJV BKT Catchm Barrier is in Modeled BKT Catch Barrier Blocks an EBTJV Catch Barrier Blocks a Modeled BKT	None Documented None Documented None Documented Atream Anadromous Spector Atream (incl eel) Int Fish Internet (DeWeber)	D D D Sies N 1 No No No	Oownstream Atlantic Sturgeon Oownstream Shortnose Sturgeon Oownstream American Eel Oone Docume Strea Chesapeake Bay Program Str MD MBSS Benthic IBI Stream MD MBSS Fish IBI Stream He MD MBSS Combined IBI Stream	None Docu None Docu Current m Health eam Health Health alth	FAIR N/A N/A
Downstream Blueback Downstream American Shad Downstream Hickory Shad Presence of 1 or More Downs # Diadromous Species Downst Reside Barrier is in EBTJV BKT Catchm Barrier is in Modeled BKT Catch Barrier Blocks an EBTJV Catch Barrier Blocks a Modeled BKT Native Fish Species Richness (None Documented None Documented None Documented Stream Anadromous Spectoream (incl eel) Int Fish Internet (DeWeber)	D D D Sies N 1 No No No No No 37	Oownstream Atlantic Sturgeon Oownstream Shortnose Sturgeon Oownstream American Eel Oone Docume Strea Chesapeake Bay Program Str MD MBSS Benthic IBI Stream MD MBSS Fish IBI Stream He MD MBSS Combined IBI Strea VA INSTAR mIBI Stream Heal	None Docu None Docu Current m Health eam Health Health alth	FAIR N/A N/A N/A

