Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: VA_428 COVE VALLEY DAM

Diadromous Tier 15

Brook Trout Tier N/A

Resident Tier 16

NID ID VA12512

State ID 428

River Name

Dam Height (ft) 25

Dam Type Earth

Latitude 37.842

Longitude -78.7428

Passage Facilities None Documented

Passage Year N/A

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

HUC 12 Hickory Creek-Cove Creek

HUC 10 Lower Rockfish River

HUC 8 Middle James-Buffalo

HUC 6 James

HUC 4 Lower Chesapeake







Landcover								
NLCD (2011)		Chesapeake Conservancy (2016)						
% Impervious Surface in Upstream Drainage Area	0.47	% Tree Cover in ARA of Upstream Network	0					
% Natural Cover in Upstream Drainage Area	80.04	% Tree Cover in ARA of Downstream Network	81.79					
% Forested in Upstream Drainage Area	76.3	% Herbaceaous Cover in ARA of Upstream Network	0					
% Agriculture in Upstream Drainage Area	11.23	% Herbaceaous Cover in ARA of Downstream Network	15.37					
% Natural Cover in ARA of Upstream Network	0	% Barren Cover in ARA of Upstream Network	0					
% Natural Cover in ARA of Downstream Network	77.1	% Barren Cover in ARA of Downstream Network	0					
% Forest Cover in ARA of Upstream Network	0	% Road Impervious in ARA of Upstream Network	0					
% Forest Cover in ARA of Downstream Network	75.07	% Road Impervious in ARA of Downstream Network	1.1					
% Agricultral Cover in ARA of Upstream Network	0	% Other Impervious in ARA of Upstream Network	0					
% Agricultral Cover in ARA of Downstream Network	< 14.87	% Other Impervious in ARA of Downstream Network	0.78					
% Impervious Surf in ARA of Upstream Network	0							
% Impervious Surf in ARA of Downstream Network	0.65							



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	Network, Sy	stem	ype and Condition			
Functional Upstream Networ	k (mi) 0.1		Upstream Siz	e Class Gain (#	÷)	0
Total Functional Network (mi) 121.34		# Downstean	n Natural Barri	ers	0
Absolute Gain (mi)	0.1		# Downstrea	m Hydropowe	r Dams	4
# Size Classes in Total Networ	rk 3		# Downstrea	m Dams with F	assage	4
# Upstream Network Size Clas	sses 0		# of Downstr	eam Barriers		6
NFHAP Cumulative Disturban	ce Index		Mod	lerate		
Dam is on Conserved Land			No			
% Conserved Land in 100m Bi	uffer of Upstream Netwo	rk	0			
% Conserved Land in 100m Bi	uffer of Downstream Net	twork	5.45			
Density of Crossings in Upstre	eam Network Watershed	(#/m	0			
Density of Crossings in Downs	stream Network Watersh	ned (#	m2) 1.37			
Density of off-channel dams i	n Upstream Network Wa	atersh	d (#/m2) 0			
Density of off-channel dams i	n Downstream Network	Wate	shed (#/m2) 0			
			e: 1			
	1)					
		лаиго	nous Fish			
Downstream Alewife	Historical	лацго	Downstream Striped		None Doc	
Downstream Alewife Downstream Blueback		лацго			None Doci	
	Historical Historical	лацго	Downstream Striped	c Sturgeon		umented
Downstream Blueback	Historical Historical	лацго	Downstream Striped	c Sturgeon ose Sturgeon	None Doc	umented
Downstream Blueback Downstream American Shad	Historical Historical None Documented None Documented		Downstream Striped Downstream Atlanti Downstream Shortn	c Sturgeon ose Sturgeon	None Doci	umented umented
Downstream Blueback Downstream American Shad Downstream Hickory Shad	Historical Historical None Documented None Documented stream Anadromous Spe		Downstream Striped Downstream Atlanti Downstream Shortn Downstream Americ	c Sturgeon ose Sturgeon	None Doci	umented umented
Downstream Blueback Downstream American Shad Downstream Hickory Shad Presence of 1 or More Downs # Diadromous Species Downs	Historical Historical None Documented None Documented stream Anadromous Spe		Downstream Striped Downstream Atlanti Downstream Shortn Downstream Americ Historical	c Sturgeon ose Sturgeon can Eel	None Doci	umented umented
Downstream Blueback Downstream American Shad Downstream Hickory Shad Presence of 1 or More Downs # Diadromous Species Downs	Historical Historical None Documented None Documented stream Anadromous Spestream (incl eel)		Downstream Striped Downstream Atlanti Downstream Shortn Downstream Americ Historical	c Sturgeon ose Sturgeon can Eel Strea	None Doct None Doct Mone Doct m Health	umented umented umented
Downstream Blueback Downstream American Shad Downstream Hickory Shad Presence of 1 or More Downs # Diadromous Species Downs Reside	Historical Historical None Documented None Documented stream Anadromous Spestream (incl eel) ent Fish ment	cies	Downstream Striped Downstream Atlanti Downstream Shortn Downstream Americ Historical	c Sturgeon ose Sturgeon can Eel Strea ay Program Str	None Doct None Doct m Health eam Health	umented umented umented
Downstream Blueback Downstream American Shad Downstream Hickory Shad Presence of 1 or More Downs # Diadromous Species Downs Reside Barrier is in EBTJV BKT Catchi	Historical Historical None Documented None Documented stream Anadromous Spe stream (incl eel) ent Fish ment tchment (DeWeber)	cies	Downstream Striped Downstream Atlanti Downstream Shortn Downstream Americ Historical O Chesapeake Ba	c Sturgeon ose Sturgeon can Eel Strea ay Program Str	None Doct None Doct Mone Doct Mealth Health	umented umented umented
Downstream Blueback Downstream American Shad Downstream Hickory Shad Presence of 1 or More Downs # Diadromous Species Downs Reside Barrier is in EBTJV BKT Catche Barrier is in Modeled BKT Cat	Historical Historical None Documented None Documented stream Anadromous Spectream (incl eel) ent Fish ment tchment (DeWeber)	No No No	Downstream Striped Downstream Atlanti Downstream Shortn Downstream Americ Historical Chesapeake Ba MD MBSS Ben	c Sturgeon ose Sturgeon can Eel Strea ay Program Str thic IBI Stream IBI Stream He	None Docu None Docu Mone Docu m Health eam Health Health	umented umented umented 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 Catche Barrier is in Modeled BKT Catche Barrier Blocks an EBTJV Catche	Historical Historical None Documented None Documented stream Anadromous Spectream (incl eel) ent Fish ment tchment (DeWeber) nment T Catchment (DeWeber)	No No No	Downstream Striped Downstream Atlanti Downstream Shortn Downstream Americ Historical Chesapeake Ba MD MBSS Ben MD MBSS Fish	Strea Strea Strea Ay Program Str thic IBI Stream IBI Stream He	None Docu None Docu Mone Docu m Health eam Health Health alth am Health	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 Catchs Barrier is in Modeled BKT Catchs Barrier Blocks an EBTJV Catch Barrier Blocks a Modeled BKT	Historical Historical None Documented None Documented stream Anadromous Spectream (incl eel) ent Fish ment tchment (DeWeber) nment T Catchment (DeWeber) (HUC8)	No No No No	Downstream Striped Downstream Atlanti Downstream Shortn Downstream Americ Historical Chesapeake Ba MD MBSS Ben MD MBSS Fish MD MBSS Com	Stream Stream Stream Hell Stream	None Docu None Docu Mone Docu m Health eam Health Health alth am Health	FAIR N/A 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 Catchs Barrier is in Modeled BKT Catchs Barrier Blocks an EBTJV Catch Barrier Blocks a Modeled BKT Native Fish Species Richness	Historical Historical None Documented None Documented stream Anadromous Spectream (incl eel) ent Fish ment tchment (DeWeber) nment T Catchment (DeWeber) (HUC8)	No No No No So	Downstream Striped Downstream Atlanti Downstream Shortn Downstream Americ Historical Chesapeake Ba MD MBSS Ben MD MBSS Fish MD MBSS Com VA INSTAR mill	Stream Stream Stream Hell Stream	None Docu None Docu Mone Docu m Health eam Health Health alth am Health	FAIR N/A N/A N/O Dat

