Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: MD_SO026

Bay-wide Diadromous Tier 18
Bay-wide Resident Tier 19
Bay-wide Brook Trout Tier N/A

NID ID

State ID SO026

River Name Chandlers Branch

Dam Height (ft) 12

Dam Type Unspecified Type

Latitude 38.9374

Longitude -76.6354

Passage Facilities None Documented

Passage Year N/A

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

HUC 12 Beards Creek-South River

HUC 10 South River-Chesapeake Bay

HUC 8 Severn

HUC 6 Upper Chesapeake

HUC 4 Upper Chesapeake







	Land	cover			
NLCD (2011)		Chesapeake Conservancy (2016)			
% Impervious Surface in Upstream Drainage Area	3.47	% Tree Cover in ARA of Upstream Network	1.7		
% Natural Cover in Upstream Drainage Area	8.36	% Tree Cover in ARA of Downstream Network	75.94		
% Forested in Upstream Drainage Area	4.36	% Herbaceaous Cover in ARA of Upstream Network	79.47		
% Agriculture in Upstream Drainage Area	67.27	% Herbaceaous Cover in ARA of Downstream Network	23.77		
% Natural Cover in ARA of Upstream Network	0	% Barren Cover in ARA of Upstream Network	0		
% Natural Cover in ARA of Downstream Network	73.21	% 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	71.03	% Road Impervious in ARA of Downstream Network	0		
% Agricultral Cover in ARA of Upstream Network	76.92	% Other Impervious in ARA of Upstream Network	14.03		
% Agricultral Cover in ARA of Downstream Network	25	% Other Impervious in ARA of Downstream Network	0.25		
% Impervious Surf in ARA of Upstream Network	4.2				
% Impervious Surf in ARA of Downstream Network	0.22				



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	Network, S	System	Type and Cond	ition		
Functional Upstream Network	c (mi) 0.03		Upstre	am Size Class Gain (‡	‡)	0
Total Functional Network (mi)	1.11		# Down	nsteam Natural Barr	iers	0
Absolute Gain (mi)	0.03		# Down	nstream Hydropowe	r Dams	0
# Size Classes in Total Networl	k 1		# Down	nstream Dams with	Passage	0
# Upstream Network Size Clas	sses 0		# of Do	ownstream Barriers		1
NFHAP Cumulative Disturband	ce Index			Very High		
Dam is on Conserved Land				No		
% Conserved Land in 100m Buffer of Upstream Network			0			
% Conserved Land in 100m Bu	uffer of Downstream No	etwork	(33.11		
Density of Crossings in Upstre	am Network Watershe	ed (#/m	12)	0		
Density of Crossings in Downs	tream Network Waters	shed (#	‡/m2)	0		
Density of off-channel dams in	n Upstream Network W	/atersh	ned (#/m2)	0		
Density of off-channel dams in	n Downstream Networl	k Wate	ershed (#/m2)	0		
		Diadro	omous Fish			
Downstream Alewife	Historical	Diadro	omous Fish Downstream S	Striped Bass	None Do	cumented
Downstream Alewife Downstream Blueback		Diadro	Downstream S	Striped Bass Atlantic Sturgeon	None Doo	
	Historical	Diadro	Downstream S	•		cumented
Downstream Blueback	Historical Historical	Diadro	Downstream S	Atlantic Sturgeon Shortnose Sturgeon	None Do	cumented
Downstream Blueback Downstream American Shad	Historical Historical None Documented None Documented		Downstream S Downstream S	Atlantic Sturgeon Shortnose Sturgeon	None Doo	cumented
Downstream Blueback Downstream American Shad Downstream Hickory Shad	Historical Historical None Documented None Documented Stream Anadromous Sp		Downstream A Downstream A Downstream A	Atlantic Sturgeon Shortnose Sturgeon	None Doo	cumented
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 Sp		Downstream S Downstream S Downstream S Historical	Atlantic Sturgeon Shortnose Sturgeon American Eel	None Doo	cumented
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 Spatream (incl eel)		Downstream S Downstream S Downstream S Downstream S Historical 1	Atlantic Sturgeon Shortnose Sturgeon American Eel	None Doo None Doo Current	cumented
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 Spatream (incl eel) ent Fish	pecies	Downstream S Downstream S Downstream S Downstream S Historical Chesape	Atlantic Sturgeon Shortnose Sturgeon American Eel Strea	None Doo None Doo Current	cumented
Downstream Blueback Downstream American Shad Downstream Hickory Shad Presence of 1 or More Downs # Diadromous Species Downs Reside Barrier is in EBTJV BKT Catchn	Historical Historical None Documented None Documented Stream Anadromous Sp tream (incl eel) ent Fish ment chment (DeWeber)	pecies No	Downstream S Downstream S Downstream S Downstream S Historical Chesape MD MBS	Atlantic Sturgeon Shortnose Sturgeon American Eel Strea	None Doo None Doo Current Im Health ream Health	cumented cumented to the comment of
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 Historical None Documented None Documented Stream Anadromous Spatream (incl eel) ent Fish ment chment (DeWeber)	No No No	Downstream S Downstream S Downstream S Downstream A Historical Chesape MD MBS MD MBS	Atlantic Sturgeon Shortnose Sturgeon American Eel Strea sake Bay Program Str	None Doo None Doo Current Im Health ream Health In Health	cumented cumented h POOR Poor
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 Historical None Documented None Documented Stream Anadromous Spatream (incl eel) ent Fish ment chment (DeWeber) ment Catchment (DeWeber)	No No No	Downstream S Downstream S Downstream S Downstream S Downstream S Downstream S Chesape MD MBS MD MBS MD MBS	Atlantic Sturgeon Shortnose Sturgeon American Eel Strea Strea Strea SS Benthic IBI Stream He	None Doo None Doo Current Im Health ream Health In Health Isalth	h POOR Poor
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 Barrier Blocks an EBTJV Catch	Historical Historical None Documented None Documented Stream Anadromous Spatream (incl eel) ent Fish ment chment (DeWeber) ment Catchment (DeWeber)	No No No No	Downstream S Mistorical 1 Chesape MD MBS MD MBS MD MBS VA INSTA	Atlantic Sturgeon Shortnose Sturgeon American Eel Stream Stream SS Benthic IBI Stream SS Fish IBI Stream He SS Combined IBI Stre	None Doo None Doo Current Im Health ream Health In Health Isalth	h POOR Poor Poor
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 Barrier Blocks an EBTJV Catch Barrier Blocks a Modeled BKT Native Fish Species Richness (Historical Historical None Documented None Documented Stream Anadromous Spatream (incl eel) ent Fish ment chment (DeWeber) ment Catchment (DeWeber)	No No No No 51	Downstream S Mistorical 1 Chesape MD MBS MD MBS MD MBS VA INSTA	Atlantic Sturgeon Shortnose Sturgeon American Eel Stream Stream SS Benthic IBI Stream SS Fish IBI Stream He SS Combined IBI Stre AR mIBI Stream Heal	None Doo None Doo Current Im Health ream Health In Health Isalth	h POOR Poor Poor N/A

