Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: MD_12145 REWASTICO POND

Diadromous Tier 2

Brook Trout Tier N/A

Resident Tier 10

NID ID MD00086 State ID NA006

River Name Rewastico Creek

Dam Height (ft) 10

Dam Type Earth

Latitude 38.4107

Longitude -75.7537

Passage Facilities None Documented

Passage Year N/A

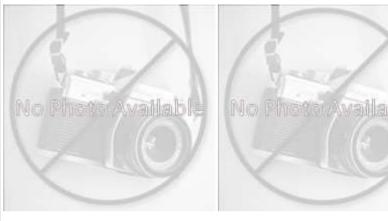
Size Class 1b: Creek (3.861 - 38.61 sq mi)

HUC 12 Rewastico Creek

HUC 10 Lower Nanticoke River

HUC 8 Nanticoke

HUC 6 Lower Chesapeake
HUC 4 Lower Chesapeake







	Land	cover	
NLCD (2011)		Chesapeake Conservancy (2016)	
% Impervious Surface in Upstream Drainage Area	1.57	% Tree Cover in ARA of Upstream Network	41.79
% Natural Cover in Upstream Drainage Area	37.63	% Tree Cover in ARA of Downstream Network	43.34
% Forested in Upstream Drainage Area	19.59	% Herbaceaous Cover in ARA of Upstream Network	52.49
% Agriculture in Upstream Drainage Area	54.41	% Herbaceaous Cover in ARA of Downstream Network	49.7
% Natural Cover in ARA of Upstream Network	40.11	% Barren Cover in ARA of Upstream Network	0.16
% Natural Cover in ARA of Downstream Network	50.61	% Barren Cover in ARA of Downstream Network	0.22
% Forest Cover in ARA of Upstream Network	20.27	% Road Impervious in ARA of Upstream Network	1.3
% Forest Cover in ARA of Downstream Network	11.37	% Road Impervious in ARA of Downstream Network	0.98
% Agricultral Cover in ARA of Upstream Network	49.67	% Other Impervious in ARA of Upstream Network	3.07
% Agricultral Cover in ARA of Downstream Network	43.1	% Other Impervious in ARA of Downstream Network	1.52
% Impervious Surf in ARA of Upstream Network	2.05		
% Impervious Surf in ARA of Downstream Network	1.22		



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Network,	System	n Type and Condition
Functional Upstream Network (mi) 10.29		Upstream Size Class Gain (#) 0
Total Functional Network (mi) 1215.98		# Downsteam Natural Barriers 0
Absolute Gain (mi) 10.29		# Downstream Hydropower Dams 0
# Size Classes in Total Network 4		# Downstream Dams with Passage 0
# Upstream Network Size Classes 2		# of Downstream Barriers 0
NFHAP Cumulative Disturbance Index		Moderate
Dam is on Conserved Land		No
% Conserved Land in 100m Buffer of Upstream Netv	work	9.97
% Conserved Land in 100m Buffer of Downstream N	k 31.2	
Density of Crossings in Upstream Network Watershe	ed (#/m	m2) 0.56
Density of Crossings in Downstream Network Water	rshed (#	#/m2) 0.61
Density of off-channel dams in Upstream Network V	Natersh	hed (#/m2) 0
Density of off-channel dams in Downstream Networ	rk Wate	ershed (#/m2) 0
	Diadas	omous Fish
Downstream Alewife Current	Diadro	Downstream Striped Bass None Documented
Downstream Blueback Current		Downstream Atlantic Sturgeon None Documented
		-
Downstream American Shad Current		Downstream Shortnose Sturgeon None Documented
Downstream Hickory Shad Current		Downstream American Eel Current
Presence of 1 or More Downstream Anadromous Sp	pecies	Current
# Diadromous Species Downstream (incl eel)		5
Resident Fish		Stream Health
Barrier is in EBTJV BKT Catchment	No	Chesapeake Bay Program Stream Health POOR
Barrier is in Modeled BKT Catchment (DeWeber)	No	MD MBSS Benthic IBI Stream Health Fair
Barrier Blocks an EBTJV Catchment	No	MD MBSS Fish IBI Stream Health Poor
Barrier Blocks a Modeled BKT Catchment (DeWeber	r) No	MD MBSS Combined IBI Stream Health Fair
Native Fish Species Richness (HUC8)	46	VA INSTAR mIBI Stream Health N/A
# Rare Fish (HUC8)	1	PA IBI Stream Health N/A
# Rare Mussel (HUC8)	1	13,77
# Rare Crayfish (HUC8)	0	
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