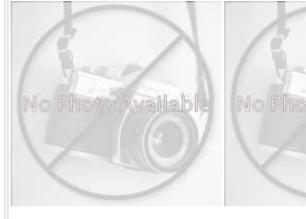
Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID:			COL TRESSLER
CITTI Ollique ID.	FA_30-031		COL TRESSEER
Bay-wide Diadron	nous Tier	17	
Bay-wide Residen	t Tier	10	
Bay-wide Brook T	rout Tier	N/A	
NID ID			
State ID	50-051		
River Name			
Dam Height (ft)	9		
Dam Type	Earth		
Latitude	40.4148		
Longitude	-77.1868		
Passage Facilities	None Docu	ıment	ed
Passage Year	N/A		
Size Class	1a: Headw	ater (0 - 3.861 sq mi)
HUC 12	Little Junia	ta Cre	ek
HUC 10	Susquehar	ına Riv	/er
HUC 8	Lower Sus	queha	nna-Swatara
HUC 6	Lower Sus	queha	nna
HUC 4	Susquehar	ına	



Eckerd Dam





	Land	cover	
NLCD (2011)		Chesapeake Conservancy (2016)	
% Impervious Surface in Upstream Drainage Area	1.89	% Tree Cover in ARA of Upstream Network	26.5
% Natural Cover in Upstream Drainage Area	43.35	% Tree Cover in ARA of Downstream Network	57.9
% Forested in Upstream Drainage Area	42.92	% Herbaceaous Cover in ARA of Upstream Network	68.27
% Agriculture in Upstream Drainage Area	48.22	% Herbaceaous Cover in ARA of Downstream Network	29.41
% Natural Cover in ARA of Upstream Network	28.21	% Barren Cover in ARA of Upstream Network	0.12
% Natural Cover in ARA of Downstream Network	63.5	% Barren Cover in ARA of Downstream Network	0.56
% Forest Cover in ARA of Upstream Network	25.44	% Road Impervious in ARA of Upstream Network	0.75
% Forest Cover in ARA of Downstream Network	52.34	% Road Impervious in ARA of Downstream Network	1.34
% Agricultral Cover in ARA of Upstream Network	62.28	% Other Impervious in ARA of Upstream Network	2.7
% Agricultral Cover in ARA of Downstream Network	23.41	% Other Impervious in ARA of Downstream Network	2.82
% Impervious Surf in ARA of Upstream Network	2.22		
% Impervious Surf in ARA of Downstream Network	2.58		



Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: PA_50-051	COL TRESSLER	Eckerd Dam
	Network, System	n Type and Condition
Functional Upstream Network (mi)	3.49	Upstream Size Class Gain (#) 0
Total Functional Network (mi) 4511.16		# Downsteam Natural Barriers 0
Absolute Gain (mi) 3.49		# Downstream Hydropower Dams 4
# Size Classes in Total Network	6	# Downstream Dams with Passage 5
Upstream Network Size Classes 1		# of Downstream Barriers 5
NFHAP Cumulative Disturbance Inc	dex	High
Dam is on Conserved Land		No
% Conserved Land in 100m Buffer of Upstream Network		0
% Conserved Land in 100m Buffer of Downstream Network		k 8.38
Density of Crossings in Upstream Network Watershed (#/m		n2) 0.22
Density of Crossings in Downstream	m Network Watershed (a	#/m2) 1.21
Density of off-channel dams in Ups	stream Network Watersh	hed (#/m2) 0
Density of off-channel dams in Dov	wnstream Network Wate	ershed (#/m2) 0
	Diadro	omous Fish
Downstream Alewife No	ne Documented	Downstream Striped Bass None Documented
Downstream Blueback None Documented		Downstream Atlantic Sturgeon None Documented
Downstream American Shad No	ne Documented	Downstream Shortnose Sturgeon None Documented
Downstream Hickory Shad None Documented		Downstream American Eel Current
Presence of 1 or More Downstrea	m Anadromous Species	None Docume
# Diadromous Species Downstream	m (incl eel)	1
Resident Fi	sh	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 N/A
Barrier Blocks an EBTJV Catchment Yes		MD MBSS Fish IBI Stream Health N/A
Barrier Blocks a Modeled BKT Catchment (DeWeber) Yes		MD MBSS Combined IBI Stream Health N/A
Native Fish Species Richness (HUC	8) 38	VA INSTAR mIBI Stream Health N/A
# Rare Fish (HUC8) 0		PA IBI Stream Health Poor
# Rare Mussel (HUC8) 2		
# Rare Crayfish (HUC8) 0		

