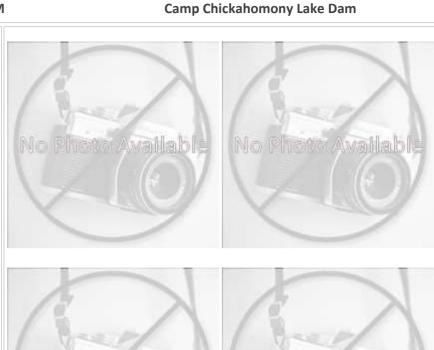
Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: VA_805 **DEER LAKE DAM** Diadromous Tier 17 Brook Trout Tier N/A **Resident Tier** 9 NID ID VA09505 805 State ID River Name Dam Height (ft) 24 Dam Type Latitude 37.346 -76.7905 Longitude Passage Facilities None Documented N/A Passage Year Size Class 1a: Headwater (0 - 3.861 sq mi) HUC 12 Yarmouth Creek-Chickahominy HUC 10 Lower Chickahominy River HUC8 Lower James

James

Lower Chesapeake



Landcover			
NLCD (2011)		Chesapeake Conservancy (2016)	
% Impervious Surface in Upstream Drainage Area	0.22	% Tree Cover in ARA of Upstream Network	85.65
% Natural Cover in Upstream Drainage Area	99.05	% Tree Cover in ARA of Downstream Network	83.63
% Forested in Upstream Drainage Area	82.3	% Herbaceaous Cover in ARA of Upstream Network	0.36
% Agriculture in Upstream Drainage Area	0	% Herbaceaous Cover in ARA of Downstream Network	8.73
% Natural Cover in ARA of Upstream Network	100	% Barren Cover in ARA of Upstream Network	0
% Natural Cover in ARA of Downstream Network	81.08	% Barren Cover in ARA of Downstream Network	0
% Forest Cover in ARA of Upstream Network	79.2	% Road Impervious in ARA of Upstream Network	0
% Forest Cover in ARA of Downstream Network	51.61	% Road Impervious in ARA of Downstream Network	1.74
% Agricultral Cover in ARA of Upstream Network	0	% Other Impervious in ARA of Upstream Network	0.14
% Agricultral Cover in ARA of Downstream Network	3.97	% Other Impervious in ARA of Downstream Network	3.04
% Impervious Surf in ARA of Upstream Network	0.07		
% Impervious Surf in ARA of Downstream Network	3.14		



HUC 6

HUC 4

Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: VA 805 **DEER LAKE DAM Camp Chickahomony Lake Dam** Network, System Type and Condition Functional Upstream Network (mi) Upstream Size Class Gain (#) 0.17 0 Total Functional Network (mi) 18.12 # Downsteam Natural Barriers 0 Absolute Gain (mi) 0.17 # Downstream Hydropower Dams \cap # Size Classes in Total Network # Downstream Dams with Passage 1 0 # Upstream Network Size Classes # of Downstream Barriers Λ 1 NEHAP Cumulative Disturbance Index Not Scored / Unavailable at this scale Dam is on Conserved Land No % Conserved Land in 100m Buffer of Upstream Network 100 % Conserved Land in 100m Buffer of Downstream Network 24.53 Density of Crossings in Upstream Network Watershed (#/m2) 0 Density of Crossings in Downstream Network Watershed (#/m2) 0.52 Density of off-channel dams in Upstream Network Watershed (#/m2) Λ Density of off-channel dams in Downstream Network Watershed (#/m2) 0 Diadromous Fish Downstream Alewife None Documented **Downstream Striped Bass** None Documented Downstream Blueback None Documented Downstream Atlantic Sturgeon None Documented Downstream American Shad None Documented Downstream Shortnose Sturgeon None Documented Downstream Hickory Shad None Documented Downstream American Eel Current Presence of 1 or More Downstream Anadromous Species None Docume # Diadromous Species Downstream (incl eel) 1 Resident Fish Stream Health Barrier is in EBTJV BKT Catchment Nο 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 No MD MBSS Fish IBI Stream Health N/A Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Combined IBI Stream Health N/A Native Fish Species Richness (HUC8) 62 VA INSTAR mIBI Stream Health Very High # Rare Fish (HUC8) 2 PA IBI Stream Health N/A # Rare Mussel (HUC8) 1 # Rare Crayfish (HUC8) 0

