## **Chesapeake Fish Passage Prioritization - Dam Fact Sheet**

CFPPP Unique ID: PA\_50-062 LAKE KIMBERLY

Diadromous Tier 9

Brook Trout Tier N/A

Resident Tier 12

NID ID PA00949 State ID 50-062

River Name

Dam Height (ft) 16

Dam Type Earth

Latitude 40.3432

Longitude -77.4278

Passage Facilities None Documented

Passage Year N/A

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

HUC 12 Upper Sherman Creek

HUC 10 Sherman Creek

HUC 8 Lower Susquehanna-Swatara

HUC 6 Lower Susquehanna

HUC 4 Susquehanna







Landcover				
NLCD (2011)		Chesapeake Conservancy (2016)		
% Impervious Surface in Upstream Drainage Area	1.02	% Tree Cover in ARA of Upstream Network	57.64	
% Natural Cover in Upstream Drainage Area	74.96	% Tree Cover in ARA of Downstream Network	64.11	
% Forested in Upstream Drainage Area	69.05	% Herbaceaous Cover in ARA of Upstream Network	12.85	
% Agriculture in Upstream Drainage Area	8.71	% Herbaceaous Cover in ARA of Downstream Network	32.66	
% Natural Cover in ARA of Upstream Network	78.21	% Barren Cover in ARA of Upstream Network	0	
% Natural Cover in ARA of Downstream Network	63.01	% Barren Cover in ARA of Downstream Network	0.06	
% Forest Cover in ARA of Upstream Network	42.31	% Road Impervious in ARA of Upstream Network	0	
% Forest Cover in ARA of Downstream Network	60.1	% Road Impervious in ARA of Downstream Network	0.69	
% Agricultral Cover in ARA of Upstream Network	0	% Other Impervious in ARA of Upstream Network	2.58	
% Agricultral Cover in ARA of Downstream Network	28.64	% Other Impervious in ARA of Downstream Network	1.31	
% Impervious Surf in ARA of Upstream Network	2.4			
% Impervious Surf in ARA of Downstream Network	1.03			



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Downstream Blueback Historical Downstream Atlantic Sturgeon None	
Total Functional Network (mi) 162.65 # Downsteam Natural Barriers Absolute Gain (mi) 0.18 # Downstream Hydropower Dams # Size Classes in Total Network 3 # Downstream Dams with Passage # Upstream Network Size Classes 0 # of Downstream Barriers NFHAP Cumulative Disturbance Index Not Scored / Unavailable Dam is on Conserved Land No % Conserved Land in 100m Buffer of Upstream Network 0 % Conserved Land in 100m Buffer of Downstream Network 28.99 Density of Crossings in Upstream Network Watershed (#/m2) 0 Density of Crossings in Downstream Network Watershed (#/m2) 0 Density of off-channel dams in Upstream Network Watershed (#/m2) 0 Density of off-channel dams in Downstream Network Watershed (#/m2) 0 Density of off-channel dams in Downstream Network Watershed (#/m2) 0 Diadromous Fish Downstream Alewife Historical Downstream Striped Bass None Downstream Blueback Historical Downstream Shortnose Sturgeon None Downstream American Shad None Documented Downstream American Eel Curre Presence of 1 or More Downstream Anadromous Species Historical # Diadromous Species Downstream (incl eel) 1  Resident Fish Barrier is in EBTJV BKT Catchment (DeWeber) No MD MBSS Benthic IBI Stream Healt Barrier is in Modeled BKT Catchment (DeWeber) Yes MD MBSS Combined IBI Stream Health Barrier Blocks a Modeled BKT Catchment (DeWeber) Yes MD MBSS Combined IBI Stream Health Native Fish Species Richness (HUC8) 0 PA IBI Stream Health	
Absolute Gain (mi)  O.18  # Downstream Hydropower Dams # Size Classes in Total Network  Jupstream Network Size Classes  Wupstream Network Size Classes  Wipstream Network Size Classes  With Scored / Unavailable  No Conserved Land in 100m Buffer of Upstream Network  Conserved Land in 100m Buffer of Downstream Network  28.99  Density of Crossings in Upstream Network Watershed (#/m2)  Density of Off-channel dams in Upstream Network Watershed (#/m2)  Density of off-channel dams in Downstream Network Watershed (#/m2)  Diadromous Fish  Downstream Alewife  Historical  Downstream Striped Bass  None  Downstream Allantic Sturgeon  None  Downstream American Shad  None Documented  Downstream Shortnose Sturgeon  None  Presence of 1 or More Downstream Anadromous Species  # Diadromous Species Downstream (incl eel)  Resident Fish  Barrier is in EBTJV BKT Catchment (ncl eel)  Resident Fish  Barrier is in Modeled BKT Catchment (DeWeber)  No  MD MBSS Benthic IBI Stream Health  Barrier Blocks an BETJV Catchment  Yes  MD MBSS Combined IBI Stream Health  Barrier Blocks a Modeled BKT Catchment (DeWeber)  No  Not Not Scored / Unavailable  No  Not Scored / Unavailable  No  Downstream Shortnose  None  Downstream Striped Bass  None  Downstream Atlantic Sturgeon  None  Downstream Allantic Sturgeon  None  Downstream Allantic Sturgeon  None  Downstream Allantic Sturgeon  None  Downstream Allantic Sturgeon  None  Downstream Shortnose Sturgeon  None  Downstream Allantic Sturgeon  None  Downstream Allantic Sturgeon  None  Downstream Shortnose Sturgeon  None  Downstream Shortnose Sturgeon  None  Downstream Allantic Sturgeon  None  Downstream Allantic Sturgeon  None  Downstream Shortnose Sturg	0
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	N/A
# Rare Mussel (HUC8) 2	Fair
# Rare Crayfish (HUC8) 0	

