

## Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: **MD\_LPX08** **ABOVE LAKE KITTAMAQUNDI**

Bay-wide Diadromous Tier 14  
 Bay-wide Resident Tier 17  
 Bay-wide Brook Trout Tier N/A  
 NID ID  
 State ID LPX08  
 River Name Little Patuxent River  
 Dam Height (ft) 2  
 Dam Type Unspecified Type  
 Latitude 39.2207  
 Longitude -76.852  
 Passage Facilities None Documented  
 Passage Year N/A  
 Size Class 1b: Creek (3.861 - 38.61 sq mi)  
 HUC 12 Dorsey Run-Little Patuxent River  
 HUC 10 Little Patuxent River  
 HUC 8 Patuxent  
 HUC 6 Upper Chesapeake  
 HUC 4 Upper Chesapeake



### Landcover

NLCD (2011)		Chesapeake Conservancy (2016)	
% Impervious Surface in Upstream Drainage Area	10.81	% Tree Cover in ARA of Upstream Network	54.49
% Natural Cover in Upstream Drainage Area	29.58	% Tree Cover in ARA of Downstream Network	53.39
% Forested in Upstream Drainage Area	23.83	% Herbaceous Cover in ARA of Upstream Network	30.18
% Agriculture in Upstream Drainage Area	15.07	% Herbaceous Cover in ARA of Downstream Network	13.96
% Natural Cover in ARA of Upstream Network	40.5	% Barren Cover in ARA of Upstream Network	0.48
% Natural Cover in ARA of Downstream Network	52.64	% Barren Cover in ARA of Downstream Network	0
% Forest Cover in ARA of Upstream Network	29.59	% Road Impervious in ARA of Upstream Network	5.08
% Forest Cover in ARA of Downstream Network	27.06	% Road Impervious in ARA of Downstream Network	6.95
% Agricultural Cover in ARA of Upstream Network	7.25	% Other Impervious in ARA of Upstream Network	8.38
% Agricultural Cover in ARA of Downstream Network	0	% Other Impervious in ARA of Downstream Network	11.95
% Impervious Surf in ARA of Upstream Network	9.9		
% Impervious Surf in ARA of Downstream Network	15.95		

Metric descriptions can be found at:

[http://52.53.143.233/chesapeake-dev/plugins/barrier-prioritization-proto2/images/Metric\\_Glossary.pdf](http://52.53.143.233/chesapeake-dev/plugins/barrier-prioritization-proto2/images/Metric_Glossary.pdf)

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## Network, System Type and Condition

Functional Upstream Network (mi)	50.75	Upstream Size Class Gain (#)	0
Total Functional Network (mi)	52.17	# Downstream Natural Barriers	0
Absolute Gain (mi)	1.42	# Downstream Hydropower Dams	0
# Size Classes in Total Network	2	# Downstream Dams with Passage	1
# Upstream Network Size Classes	2	# of Downstream Barriers	2
NFHAP Cumulative Disturbance Index	Not Scored / Unavailable at this scale		
Dam is on Conserved Land	No		
% Conserved Land in 100m Buffer of Upstream Network	29.52		
% Conserved Land in 100m Buffer of Downstream Network	77.06		
Density of Crossings in Upstream Network Watershed (#/m2)	3.02		
Density of Crossings in Downstream Network Watershed (#/m2)	2.07		
Density of off-channel dams in Upstream Network Watershed (#/m2)	0		
Density of off-channel dams in Downstream Network Watershed (#/m2)	0		

## Diadromous Fish

Downstream Alewife	Historical	Downstream Striped Bass	None Documented
Downstream Blueback	Historical	Downstream Atlantic Sturgeon	None Documented
Downstream American Shad	None Documented	Downstream Shortnose Sturgeon	None Documented
Downstream Hickory Shad	None Documented	Downstream American Eel	Current
One or More DS Anadromous Species	Historical	# Diadromous Sp Dnstrm (incl eel)	1

## Resident Fish and Rare Species

Barrier is in EBTJV BKT Catchment	No
Barrier is in Modeled BKT Catchment (DeWeber)	No
Barrier Blocks an EBTJV Catchment	No
Barrier Blocks a Modeled BKT Catchment (DeWeber)	No
Native Fish Species Richness (HUC8)	51
# Rare Fish (HUC8)	0
# Rare Mussel (HUC8)	1
# Rare Crayfish (HUC8)	0
Globally rare or fed listed fish/mussel sp HUC12	No
Globally rare or fed listed fish/mussel sp in upstream or downstream functional network	No

## Stream Health

Chesapeake Bay Program Stream Health	ERY_POOR
MD MBSS Benthic IBI Stream Health	Poor
MD MBSS Fish IBI Stream Health	Fair
MD MBSS Combined IBI Stream Health	Poor
VA INSTAR mIBI Stream Health	N/A
PA IBI Stream Health	N/A
Rare fish or mussel sp in HUC12	Yes
Rare fish or mussel in upstream or downstream functional network	No

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