

Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: **CFPPP_963** **unknown**

Bay-wide Diadromous Tier **14**
 Bay-wide Resident Tier **17**
 Bay-wide Brook Trout Tier **N/A**
 NID ID
 State ID
 River Name
 Dam Height (ft) **0**
 Dam Type
 Latitude **40.2548**
 Longitude **-76.9463**
 Passage Facilities **None Documented**
 Passage Year **N/A**
 Size Class **1a: Headwater (0 - 3.861 sq mi)**
 HUC 12 **Conodoguinet Creek-Susquehan**
 HUC 10 **Lower Conodoguinet 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 | 23.35 | % Tree Cover in ARA of Upstream Network | 87 |
| % Natural Cover in Upstream Drainage Area | 0 | % Tree Cover in ARA of Downstream Network | 57.9 |
| % Forested in Upstream Drainage Area | 0 | % Herbaceous Cover in ARA of Upstream Network | 4 |
| % Agriculture in Upstream Drainage Area | 0 | % Herbaceous Cover in ARA of Downstream Network | 29.41 |
| % Natural Cover in ARA of Upstream Network | 0 | % Barren Cover in ARA of Upstream Network | 0 |
| % 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 | 0 | % Road Impervious in ARA of Upstream Network | 0 |
| % Forest Cover in ARA of Downstream Network | 52.34 | % Road Impervious in ARA of Downstream Network | 1.34 |
| % Agricultural Cover in ARA of Upstream Network | 0 | % Other Impervious in ARA of Upstream Network | 9 |
| % Agricultural Cover in ARA of Downstream Network | 23.41 | % Other Impervious in ARA of Downstream Network | 2.82 |
| % Impervious Surf in ARA of Upstream Network | 0 | | |
| % Impervious Surf in ARA of Downstream Network | 2.58 | | |

Metric descriptions can be found at:

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) | 0.61 | Upstream Size Class Gain (#) | 0 |
| Total Functional Network (mi) | 4508.28 | # Downstream Natural Barriers | 0 |
| Absolute Gain (mi) | 0.61 | # 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 Index | Very High | | |
| Dam is on Conserved Land | No | | |
| % Conserved Land in 100m Buffer of Upstream Network | 0 | | |
| % Conserved Land in 100m Buffer of Downstream Network | 8.38 | | |
| Density of Crossings in Upstream Network Watershed (#/m2) | 5.62 | | |
| Density of Crossings in Downstream Network Watershed (#/m2) | 1.21 | | |
| 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 | Potential Current | Downstream Striped Bass | None Documented |
| Downstream Blueback | Potential Current | 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 | Potential Curre | # 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 | Yes |
| Barrier Blocks a Modeled BKT Catchment (DeWeber) | Yes |
| Native Fish Species Richness (HUC8) | 38 |
| # Rare Fish (HUC8) | 0 |
| # Rare Mussel (HUC8) | 2 |
| # Rare Crayfish (HUC8) | 0 |
| Globally rare or fed listed fish/mussel sp HUC12 | Yes |
| Globally rare or fed listed fish/mussel sp in upstream or downstream functional network | Yes |

Stream Health

| | |
|--|----------|
| Chesapeake Bay Program Stream Health | ERY_POOR |
| MD MBSS Benthic IBI Stream Health | N/A |
| MD MBSS Fish IBI Stream Health | N/A |
| MD MBSS Combined IBI Stream Health | N/A |
| VA INSTAR mIBI Stream Health | N/A |
| PA IBI Stream Health | Fair |
| Rare fish or mussel sp in HUC12 | Yes |
| Rare fish or mussel in upstream or downstream functional network | Yes |

Metric descriptions can be found at:

http://52.53.143.233/chesapeake-dev/plugins/barrier-prioritization-prot02/images/Metric_Glossary.pdf