

Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: **CFPPP_354** **unknown**

| | |
|---------------------------|---------------------------------|
| Bay-wide Diadromous Tier | 9 |
| Bay-wide Resident Tier | 8 |
| Bay-wide Brook Trout Tier | N/A |
| NID ID | |
| State ID | |
| River Name | |
| Dam Height (ft) | 0 |
| Dam Type | |
| Latitude | 37.5508 |
| Longitude | -77.9718 |
| Passage Facilities | None Documented |
| Passage Year | N/A |
| Size Class | 1a: Headwater (0 - 3.861 sq mi) |
| HUC 12 | Sallee Creek-Deep Creek |
| HUC 10 | Deep Creek-James River |
| HUC 8 | Middle James-Willis |
| HUC 6 | James |
| HUC 4 | Lower Chesapeake |



Landcover

| NLCD (2011) | | Chesapeake Conservancy (2016) | |
|---|-------|---|-------|
| % Impervious Surface in Upstream Drainage Area | 0 | % Tree Cover in ARA of Upstream Network | 74.44 |
| % Natural Cover in Upstream Drainage Area | 98.88 | % Tree Cover in ARA of Downstream Network | 92.84 |
| % Forested in Upstream Drainage Area | 89.89 | % Herbaceous Cover in ARA of Upstream Network | 25.56 |
| % Agriculture in Upstream Drainage Area | 1.12 | % Herbaceous Cover in ARA of Downstream Network | 5.77 |
| % Natural Cover in ARA of Upstream Network | 100 | % Barren Cover in ARA of Upstream Network | 0 |
| % Natural Cover in ARA of Downstream Network | 94.49 | % Barren Cover in ARA of Downstream Network | 0 |
| % Forest Cover in ARA of Upstream Network | 100 | % Road Impervious in ARA of Upstream Network | 0 |
| % Forest Cover in ARA of Downstream Network | 67.46 | % Road Impervious in ARA of Downstream Network | 0.19 |
| % Agricultural Cover in ARA of Upstream Network | 0 | % Other Impervious in ARA of Upstream Network | 0 |
| % Agricultural Cover in ARA of Downstream Network | 4.85 | % Other Impervious in ARA of Downstream Network | 0.28 |
| % Impervious Surf in ARA of Upstream Network | 0 | | |
| % Impervious Surf in ARA of Downstream Network | 0.04 | | |

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) | 0.08 | Upstream Size Class Gain (#) | 0 |
| Total Functional Network (mi) | 162.01 | # Downstream Natural Barriers | 0 |
| Absolute Gain (mi) | 0.08 | # Downstream Hydropower Dams | 2 |
| # Size Classes in Total Network | 3 | # Downstream Dams with Passage | 4 |
| # Upstream Network Size Classes | 0 | # of Downstream Barriers | 5 |
| NFHAP Cumulative Disturbance Index | Low | | |
| Dam is on Conserved Land | Yes | | |
| % Conserved Land in 100m Buffer of Upstream Network | 100 | | |
| % Conserved Land in 100m Buffer of Downstream Network | 11.25 | | |
| Density of Crossings in Upstream Network Watershed (#/m2) | 0 | | |
| Density of Crossings in Downstream Network Watershed (#/m2) | 0.39 | | |
| 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) | 3 |
| # 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 | FAIR |
| 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 | High |
| PA IBI Stream Health | N/A |
| Rare fish or mussel sp in HUC12 | No |
| Rare fish or mussel in upstream or downstream functional network | No |

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