

## Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: **CFPPP\_463**      **unknown**

Bay-wide Diadromous Tier      4  
 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      37.9368  
 Longitude      -77.4838  
 Passage Facilities      None Documented  
 Passage Year      N/A  
 Size Class      1a: Headwater (0 - 3.861 sq mi)  
 HUC 12      Polecat Creek  
 HUC 10      Polecat Creek-Mattaponi River  
 HUC 8      Mattaponi  
 HUC 6      Lower Chesapeake  
 HUC 4      Lower Chesapeake



### Landcover

| NLCD (2011)                                       |       | Chesapeake Conservancy (2016)                   |       |
|---|-------|---|-------|
| % Impervious Surface in Upstream Drainage Area    | 5.32  | % Tree Cover in ARA of Upstream Network         | 28.53 |
| % Natural Cover in Upstream Drainage Area         | 71.52 | % Tree Cover in ARA of Downstream Network       | 81.81 |
| % Forested in Upstream Drainage Area              | 46.3  | % Herbaceous Cover in ARA of Upstream Network   | 43.51 |
| % Agriculture in Upstream Drainage Area           | 10.14 | % Herbaceous Cover in ARA of Downstream Network | 10.66 |
| % Natural Cover in ARA of Upstream Network        | 40.34 | % Barren Cover in ARA of Upstream Network       | 0     |
| % Natural Cover in ARA of Downstream Network      | 86.69 | % Barren Cover in ARA of Downstream Network     | 0.32  |
| % Forest Cover in ARA of Upstream Network         | 5.88  | % Road Impervious in ARA of Upstream Network    | 1.43  |
| % Forest Cover in ARA of Downstream Network       | 38.6  | % Road Impervious in ARA of Downstream Network  | 0.49  |
| % Agricultural Cover in ARA of Upstream Network   | 19.33 | % Other Impervious in ARA of Upstream Network   | 0.72  |
| % Agricultural Cover in ARA of Downstream Network | 9.76  | % Other Impervious in ARA of Downstream Network | 0.52  |
| % Impervious Surf in ARA of Upstream Network      | 8.09  |   |       |
| % Impervious Surf in ARA of Downstream Network    | 0.44  |   |       |

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)                                   | 1.06                                   | Upstream Size Class Gain (#)   | 0 |
| Total Functional Network (mi)                                      | 1690.02                                | # Downstream Natural Barriers  | 0 |
| Absolute Gain (mi)   | 1.06                                   | # Downstream Hydropower Dams   | 0 |
| # Size Classes in Total Network                                    | 4                                      | # Downstream Dams with Passage | 0 |
| # Upstream Network Size Classes                                    | 1                                      | # of Downstream Barriers       | 0 |
| NFHAP Cumulative Disturbance Index                                 | Not Scored / Unavailable at this scale |                                |   |
| Dam is on Conserved Land   | No                                     |                                |   |
| % Conserved Land in 100m Buffer of Upstream Network                | 0                                      |                                |   |
| % Conserved Land in 100m Buffer of Downstream Network              | 6.56                                   |                                |   |
| Density of Crossings in Upstream Network Watershed (#/m2)          | 2.01                                   |                                |   |
| Density of Crossings in Downstream Network Watershed (#/m2)        | 0.64                                   |                                |   |
| 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                                  | Current         | Downstream Striped Bass       | None Documented |
| Downstream Blueback                                 | 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         |
| Presence of 1 or More Downstream Anadromous Species | Current         |                               |                 |
| # Diadromous Species Downstream (incl eel)          | 3               |                               |                 |

### Resident Fish

|  |    |
|--|----|
| 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)              | 56 |
| # Rare Fish (HUC8)                               | 1  |
| # Rare Mussel (HUC8)                             | 3  |
| # Rare Crayfish (HUC8)                           | 0  |

### 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         | Outstanding |
| PA IBI Stream Health                 | N/A         |

Metric descriptions can be found at:

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