

## Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: **CFPPP\_130**      **unknown**

Bay-wide Diadromous Tier      **11**  
 Bay-wide Resident Tier      **15**  
 Bay-wide Brook Trout Tier      **N/A**  
 NID ID  
 State ID  
 River Name  
 Dam Height (ft)      **0**  
 Dam Type  
 Latitude      **39.2948**  
 Longitude      **-77.6663**  
 Passage Facilities      **None Documented**  
 Passage Year      **N/A**  
 Size Class      **1a: Headwater (0 - 3.861 sq mi)**  
 HUC 12      **Piney Run-Potomac River**  
 HUC 10      **Piney Run-Potomac River**  
 HUC 8      **Middle Potomac-Catoctin**  
 HUC 6      **Potomac**  
 HUC 4      **Potomac**



### Landcover

| NLCD (2011)                                       |              | Chesapeake Conservancy (2016)                   |              |
|---|--------------|---|--------------|
| % Impervious Surface in Upstream Drainage Area    | <b>0.73</b>  | % Tree Cover in ARA of Upstream Network         | <b>0</b>     |
| % Natural Cover in Upstream Drainage Area         | <b>2.61</b>  | % Tree Cover in ARA of Downstream Network       | <b>50.17</b> |
| % Forested in Upstream Drainage Area              | <b>0.65</b>  | % Herbaceous Cover in ARA of Upstream Network   | <b>0</b>     |
| % Agriculture in Upstream Drainage Area           | <b>91.86</b> | % Herbaceous Cover in ARA of Downstream Network | <b>39.72</b> |
| % Natural Cover in ARA of Upstream Network        | <b>0</b>     | % Barren Cover in ARA of Upstream Network       | <b>0</b>     |
| % Natural Cover in ARA of Downstream Network      | <b>43.71</b> | % Barren Cover in ARA of Downstream Network     | <b>0.35</b>  |
| % Forest Cover in ARA of Upstream Network         | <b>0</b>     | % Road Impervious in ARA of Upstream Network    | <b>0</b>     |
| % Forest Cover in ARA of Downstream Network       | <b>30.17</b> | % Road Impervious in ARA of Downstream Network  | <b>1.96</b>  |
| % Agricultural Cover in ARA of Upstream Network   | <b>0</b>     | % Other Impervious in ARA of Upstream Network   | <b>0</b>     |
| % Agricultural Cover in ARA of Downstream Network | <b>38.99</b> | % Other Impervious in ARA of Downstream Network | <b>3.66</b>  |
| % Impervious Surf in ARA of Upstream Network      | <b>0</b>     |   |              |
| % Impervious Surf in ARA of Downstream Network    | <b>3.98</b>  |   |              |

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)

## Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: **CFPPP\_130**      **unknown**

### Network, System Type and Condition

|  |           |                                |   |
|--|-----------|--------------------------------|---|
| Functional Upstream Network (mi)                                   | 0.06      | Upstream Size Class Gain (#)   | 0 |
| Total Functional Network (mi)                                      | 2912.47   | # Downstream Natural Barriers  | 1 |
| Absolute Gain (mi)   | 0.06      | # Downstream Hydropower Dams   | 0 |
| # Size Classes in Total Network                                    | 7         | # Downstream Dams with Passage | 1 |
| # Upstream Network Size Classes                                    | 0         | # of Downstream Barriers       | 2 |
| 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              | 19.33     |                                |   |
| Density of Crossings in Upstream Network Watershed (#/m2)          | 0         |                                |   |
| Density of Crossings in Downstream Network Watershed (#/m2)        | 1.35      |                                |   |
| 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                                 | 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         |
| Presence of 1 or More Downstream Anadromous Species | Potential Current |                               |                 |
| # Diadromous Species Downstream (incl eel)          | 1                 |                               |                 |

### Resident Fish

|  |     |
|--|-----|
| 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)              | 51  |
| # Rare Fish (HUC8)                               | 0   |
| # Rare Mussel (HUC8)                             | 4   |
| # Rare Crayfish (HUC8)                           | 0   |

### Stream Health

|                                      |      |
|--------------------------------------|------|
| Chesapeake Bay Program Stream Health | 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         | High |
| PA IBI Stream Health                 | N/A  |

Metric descriptions can be found at:

[http://52.53.143.233/chesapeake-dev/plugins/barrier-prioritization-prot2/images/Metric\\_Glossary.pdf](http://52.53.143.233/chesapeake-dev/plugins/barrier-prioritization-prot2/images/Metric_Glossary.pdf)