

## Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: **CFPPP\_381**      **unknown**

|                           |                                 |
|---------------------------|---------------------------------|
| Bay-wide Diadromous Tier  | 5                               |
| 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                  | 37.2757                         |
| Longitude                 | -78.2812                        |
| Passage Facilities        | None Documented                 |
| Passage Year              | N/A                             |
| Size Class                | 1a: Headwater (0 - 3.861 sq mi) |
| HUC 12                    | Sayers Creek                    |
| HUC 10                    | Big Guinea Creek-Appomattox Ri  |
| HUC 8                     | Appomattox                      |
| HUC 6                     | James                           |
| HUC 4                     | Lower Chesapeake                |



### Landcover

| NLCD (2011)                                       |       | Chesapeake Conservancy (2016)                   |       |
|---|-------|---|-------|
| % Impervious Surface in Upstream Drainage Area    | 0.42  | % Tree Cover in ARA of Upstream Network         | 61.58 |
| % Natural Cover in Upstream Drainage Area         | 60.13 | % Tree Cover in ARA of Downstream Network       | 86.58 |
| % Forested in Upstream Drainage Area              | 59.57 | % Herbaceous Cover in ARA of Upstream Network   | 23.9  |
| % Agriculture in Upstream Drainage Area           | 35.83 | % Herbaceous Cover in ARA of Downstream Network | 9.87  |
| % Natural Cover in ARA of Upstream Network        | 37.23 | % Barren Cover in ARA of Upstream Network       | 0     |
| % Natural Cover in ARA of Downstream Network      | 88.39 | % Barren Cover in ARA of Downstream Network     | 0.08  |
| % Forest Cover in ARA of Upstream Network         | 33.58 | % Road Impervious in ARA of Upstream Network    | 1.07  |
| % Forest Cover in ARA of Downstream Network       | 61    | % Road Impervious in ARA of Downstream Network  | 0.36  |
| % Agricultural Cover in ARA of Upstream Network   | 48.91 | % Other Impervious in ARA of Upstream Network   | 2.66  |
| % Agricultural Cover in ARA of Downstream Network | 9.87  | % Other Impervious in ARA of Downstream Network | 0.38  |
| % Impervious Surf in ARA of Upstream Network      | 0.46  |   |       |
| % Impervious Surf in ARA of Downstream Network    | 0.27  |   |       |

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\_381**      **unknown**

### Network, System Type and Condition

|  |          |                                |   |
|--|----------|--------------------------------|---|
| Functional Upstream Network (mi)                                   | 0.17     | Upstream Size Class Gain (#)   | 0 |
| Total Functional Network (mi)                                      | 2956.85  | # Downstream Natural Barriers  | 0 |
| Absolute Gain (mi)   | 0.17     | # Downstream Hydropower Dams   | 3 |
| # Size Classes in Total Network                                    | 5        | # Downstream Dams with Passage | 3 |
| # Upstream Network Size Classes                                    | 0        | # of Downstream Barriers       | 3 |
| NFHAP Cumulative Disturbance Index                                 | Moderate |                                |   |
| Dam is on Conserved Land   | No       |                                |   |
| % Conserved Land in 100m Buffer of Upstream Network                | 0        |                                |   |
| % Conserved Land in 100m Buffer of Downstream Network              | 5.91     |                                |   |
| Density of Crossings in Upstream Network Watershed (#/m2)          | 0        |                                |   |
| Density of Crossings in Downstream Network Watershed (#/m2)        | 0.5      |                                |   |
| 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               | 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 | Current         | # Diadromous Sp Dnstrm (incl eel) | 2               |

### 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)   | 58 |
| # Rare Fish (HUC8)  | 1  |
| # 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                             | 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                                     | Moderate |
| PA IBI Stream Health   | N/A      |
| Rare fish or mussel sp in HUC12                                  | No       |
| 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-proto2/images/Metric\\_Glossary.pdf](http://52.53.143.233/chesapeake-dev/plugins/barrier-prioritization-proto2/images/Metric_Glossary.pdf)