

## Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: **CFPPP\_691**      **unknown**

|                           |                                 |
|---------------------------|---------------------------------|
| Bay-wide Diadromous Tier  | 15                              |
| Bay-wide Resident Tier    | 16                              |
| Bay-wide Brook Trout Tier | N/A                             |
| NID ID                    |                                 |
| State ID                  |                                 |
| River Name                |                                 |
| Dam Height (ft)           | 0                               |
| Dam Type                  |                                 |
| Latitude                  | 37.5979                         |
| Longitude                 | -76.8816                        |
| Passage Facilities        | None Documented                 |
| Passage Year              | N/A                             |
| Size Class                | 1a: Headwater (0 - 3.861 sq mi) |
| HUC 12                    | Heartquake Creek-Mattaponi Ri   |
| HUC 10                    | Garnetts 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    | 0.38  | % Tree Cover in ARA of Upstream Network         | 0     |
| % Natural Cover in Upstream Drainage Area         | 49.82 | % Tree Cover in ARA of Downstream Network       | 20.03 |
| % Forested in Upstream Drainage Area              | 25.09 | % Herbaceous Cover in ARA of Upstream Network   | 0     |
| % Agriculture in Upstream Drainage Area           | 43.26 | % Herbaceous Cover in ARA of Downstream Network | 1.4   |
| % Natural Cover in ARA of Upstream Network        | 0     | % Barren Cover in ARA of Upstream Network       | 0     |
| % Natural Cover in ARA of Downstream Network      | 90    | % Barren Cover in ARA of Downstream Network     | 0     |
| % Forest Cover in ARA of Upstream Network         | 0     | % Road Impervious in ARA of Upstream Network    | 0     |
| % Forest Cover in ARA of Downstream Network       | 10    | % Road Impervious in ARA of Downstream Network  | 0     |
| % Agricultural Cover in ARA of Upstream Network   | 0     | % Other Impervious in ARA of Upstream Network   | 0     |
| % Agricultural Cover in ARA of Downstream Network | 10    | % Other Impervious in ARA of Downstream Network | 0     |
| % Impervious Surf in ARA of Upstream Network      | 0     |                                                 |       |
| % Impervious Surf in ARA of Downstream Network    | 0     |                                                 |       |

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)                                                        | 0.2             | Upstream Size Class Gain (#)                                     | 0               |
| Total Functional Network (mi)                                                           | 0.38            | # Downstream Natural Barriers                                    | 0               |
| Absolute Gain (mi)                                                                      | 0.18            | # Downstream Hydropower Dams                                     | 0               |
| # Size Classes in Total Network                                                         | 0               | # Downstream Dams with Passage                                   | 0               |
| # Upstream Network Size Classes                                                         | 0               | # of Downstream Barriers                                         | 4               |
| 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                                   |                 | 0                                                                |                 |
| Density of Crossings in Upstream Network Watershed (#/m2)                               |                 | 0                                                                |                 |
| Density of Crossings in Downstream Network Watershed (#/m2)                             |                 | 0                                                                |                 |
| 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                                                          |                 | Stream Health                                                    |                 |
| Barrier is in EBTJV BKT Catchment                                                       | No              | Chesapeake Bay Program Stream Health                             | FAIR            |
| Barrier is in Modeled BKT Catchment (DeWeber)                                           | No              | MD MBSS Benthic IBI Stream Health                                | N/A             |
| Barrier Blocks an EBTJV Catchment                                                       | No              | MD MBSS Fish IBI Stream Health                                   | N/A             |
| Barrier Blocks a Modeled BKT Catchment (DeWeber)                                        | No              | MD MBSS Combined IBI Stream Health                               | N/A             |
| Native Fish Species Richness (HUC8)                                                     | 56              | VA INSTAR mIBI Stream Health                                     | High            |
| # Rare Fish (HUC8)                                                                      | 1               | PA IBI Stream Health                                             | N/A             |
| # Rare Mussel (HUC8)                                                                    | 3               |                                                                  |                 |
| # Rare Crayfish (HUC8)                                                                  | 0               |                                                                  |                 |
| Globally rare or fed listed fish/mussel sp HUC12                                        | No              | Rare fish or mussel sp in HUC12                                  | No              |
| Globally rare or fed listed fish/mussel sp in upstream or downstream functional network | No              | Rare fish or mussel in upstream or downstream functional network | No              |

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