

## Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: **MD\_SE013**

|                           |                                 |
|---------------------------|---------------------------------|
| Bay-wide Diadromous Tier  | 11                              |
| Bay-wide Resident Tier    | 17                              |
| Bay-wide Brook Trout Tier | N/A                             |
| NID ID                    |                                 |
| State ID                  | SE013                           |
| River Name                |                                 |
| Dam Height (ft)           | 55                              |
| Dam Type                  | Unspecified Type                |
| Latitude                  | 39.089                          |
| Longitude                 | -76.5999                        |
| Passage Facilities        | None Documented                 |
| Passage Year              | N/A                             |
| Size Class                | 1a: Headwater (0 - 3.861 sq mi) |
| HUC 12                    | Round Bay-Severn River          |
| HUC 10                    | Severn River-Chesapeake Bay     |
| HUC 8                     | Severn                          |
| HUC 6                     | Upper Chesapeake                |
| HUC 4                     | Upper Chesapeake                |



### Landcover

| NLCD (2011)                                       |       | Chesapeake Conservancy (2016)                   |       |
|---|-------|---|-------|
| % Impervious Surface in Upstream Drainage Area    | 12.16 | % Tree Cover in ARA of Upstream Network         | 58.86 |
| % Natural Cover in Upstream Drainage Area         | 32.33 | % Tree Cover in ARA of Downstream Network       | 84.56 |
| % Forested in Upstream Drainage Area              | 28.13 | % Herbaceous Cover in ARA of Upstream Network   | 28.65 |
| % Agriculture in Upstream Drainage Area           | 0     | % Herbaceous Cover in ARA of Downstream Network | 7.92  |
| % Natural Cover in ARA of Upstream Network        | 59.63 | % Barren Cover in ARA of Upstream Network       | 0.05  |
| % Natural Cover in ARA of Downstream Network      | 57.22 | % Barren Cover in ARA of Downstream Network     | 0     |
| % Forest Cover in ARA of Upstream Network         | 46.79 | % Road Impervious in ARA of Upstream Network    | 0     |
| % Forest Cover in ARA of Downstream Network       | 40.64 | % Road Impervious in ARA of Downstream Network  | 3.26  |
| % Agricultural Cover in ARA of Upstream Network   | 0     | % Other Impervious in ARA of Upstream Network   | 1.59  |
| % Agricultural Cover in ARA of Downstream Network | 0     | % Other Impervious in ARA of Downstream Network | 4.01  |
| % Impervious Surf in ARA of Upstream Network      | 1.84  |   |       |
| % Impervious Surf in ARA of Downstream Network    | 6.61  |   |       |

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: **MD\_SE013**

### Network, System Type and Condition

|  |           |                                |   |
|--|-----------|--------------------------------|---|
| Functional Upstream Network (mi)                                   | 0.26      | Upstream Size Class Gain (#)   | 0 |
| Total Functional Network (mi)                                      | 1.23      | # Downstream Natural Barriers  | 0 |
| Absolute Gain (mi)   | 0.26      | # Downstream Hydropower Dams   | 0 |
| # Size Classes in Total Network                                    | 1         | # Downstream Dams with Passage | 0 |
| # Upstream Network Size Classes                                    | 0         | # of Downstream Barriers       | 1 |
| 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              | 0         |                                |   |
| Density of Crossings in Upstream Network Watershed (#/m2)          | 0         |                                |   |
| Density of Crossings in Downstream Network Watershed (#/m2)        | 3.12      |                                |   |
| 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         |
| Presence of 1 or More Downstream Anadromous Species | Historical      |                               |                 |
| # 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                | No |
| Barrier Blocks a Modeled BKT Catchment (DeWeber) | No |
| Native Fish Species Richness (HUC8)              | 30 |
| # Rare Fish (HUC8)                               | 1  |
| # Rare Mussel (HUC8)                             | 0  |
| # Rare Crayfish (HUC8)                           | 0  |

### Stream Health

|                                      |      |
|--------------------------------------|------|
| Chesapeake Bay Program Stream Health | FAIR |
| MD MBSS Benthic IBI Stream Health    | Fair |
| MD MBSS Fish IBI Stream Health       | Poor |
| MD MBSS Combined IBI Stream Health   | Fair |
| VA INSTAR mIBI Stream Health         | N/A  |
| PA IBI Stream Health                 | N/A  |

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)