

## Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: **CFPPP\_1101**      **unknown**

Bay-wide Diadromous Tier      15  
 Bay-wide Resident Tier      13  
 Bay-wide Brook Trout Tier      N/A  
 NID ID  
 State ID  
 River Name      Beaver Creek  
 Dam Height (ft)      0  
 Dam Type  
 Latitude      41.8579  
 Longitude      -75.7996  
 Passage Facilities      None Documented  
 Passage Year      N/A  
 Size Class      1a: Headwater (0 - 3.861 sq mi)  
 HUC 12      Salt Lick Creek  
 HUC 10      Lower Susquehanna River  
 HUC 8      Upper Susquehanna  
 HUC 6      Upper Susquehanna  
 HUC 4      Susquehanna



### Landcover

| NLCD (2011)                                       |       | Chesapeake Conservancy (2016)                   |       |
|---|-------|---|-------|
| % Impervious Surface in Upstream Drainage Area    | 0.34  | % Tree Cover in ARA of Upstream Network         | 4.84  |
| % Natural Cover in Upstream Drainage Area         | 55.02 | % Tree Cover in ARA of Downstream Network       | 58.19 |
| % Forested in Upstream Drainage Area              | 40.94 | % Herbaceous Cover in ARA of Upstream Network   | 40.01 |
| % Agriculture in Upstream Drainage Area           | 38.99 | % Herbaceous Cover in ARA of Downstream Network | 27.36 |
| % Natural Cover in ARA of Upstream Network        | 79.73 | % Barren Cover in ARA of Upstream Network       | 0     |
| % Natural Cover in ARA of Downstream Network      | 82.12 | % Barren Cover in ARA of Downstream Network     | 0     |
| % Forest Cover in ARA of Upstream Network         | 13.51 | % Road Impervious in ARA of Upstream Network    | 0     |
| % Forest Cover in ARA of Downstream Network       | 38.91 | % Road Impervious in ARA of Downstream Network  | 0.74  |
| % Agricultural Cover in ARA of Upstream Network   | 20.27 | % Other Impervious in ARA of Upstream Network   | 0.01  |
| % Agricultural Cover in ARA of Downstream Network | 13.58 | % Other Impervious in ARA of Downstream Network | 0.65  |
| % Impervious Surf in ARA of Upstream Network      | 0     |   |       |
| % Impervious Surf in ARA of Downstream Network    | 0.23  |   |       |

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)                                   | 0.09 | Upstream Size Class Gain (#)   | 0  |
| Total Functional Network (mi)                                      | 1.91 | # Downstream Natural Barriers  | 0  |
| Absolute Gain (mi)   | 0.09 | # Downstream Hydropower Dams   | 5  |
| # Size Classes in Total Network                                    | 1    | # Downstream Dams with Passage | 5  |
| # Upstream Network Size Classes                                    | 0    | # of Downstream Barriers       | 12 |
| NFHAP Cumulative Disturbance Index                                 | 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)        | 0.93 |                                |    |
| 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                                  | None Documented | Downstream Striped Bass       | None Documented |
| Downstream Blueback                                 | None Documented | 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 | None Documented |                               |                 |
| # 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)              | 34 |
| # Rare Fish (HUC8)                               | 1  |
| # Rare Mussel (HUC8)                             | 2  |
| # Rare Crayfish (HUC8)                           | 0  |

### Stream Health

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

Metric descriptions can be found at:

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