

## Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: **MD\_594266**

**Shad Point Bridge Dam**

Bay-wide Diadromous Tier 5  
 Bay-wide Resident Tier 19  
 Bay-wide Brook Trout Tier N/A  
 NID ID  
 State ID 594266  
 River Name Tonytank Creek  
 Dam Height (ft) 0  
 Dam Type  
 Latitude 38.3345  
 Longitude -75.6091  
 Passage Facilities None Documented  
 Passage Year N/A  
 Size Class 1b: Creek (3.861 - 38.61 sq mi)  
 HUC 12 Tonytank Creek-Wicomico River  
 HUC 10 Wicomico River  
 HUC 8 Tangier  
 HUC 6 Lower Chesapeake  
 HUC 4 Lower Chesapeake



### Landcover

| NLCD (2011)                                       |       | Chesapeake Conservancy (2016)                   |       |
|---|-------|---|-------|
| % Impervious Surface in Upstream Drainage Area    | 9.18  | % Tree Cover in ARA of Upstream Network         | 44.05 |
| % Natural Cover in Upstream Drainage Area         | 35.19 | % Tree Cover in ARA of Downstream Network       | 29.9  |
| % Forested in Upstream Drainage Area              | 17.1  | % Herbaceous Cover in ARA of Upstream Network   | 33.2  |
| % Agriculture in Upstream Drainage Area           | 30.36 | % Herbaceous Cover in ARA of Downstream Network | 44.8  |
| % Natural Cover in ARA of Upstream Network        | 33.33 | % Barren Cover in ARA of Upstream Network       | 0     |
| % Natural Cover in ARA of Downstream Network      | 27.47 | % Barren Cover in ARA of Downstream Network     | 0.04  |
| % Forest Cover in ARA of Upstream Network         | 3.33  | % Road Impervious in ARA of Upstream Network    | 6.71  |
| % Forest Cover in ARA of Downstream Network       | 4.52  | % Road Impervious in ARA of Downstream Network  | 4.59  |
| % Agricultural Cover in ARA of Upstream Network   | 12.75 | % Other Impervious in ARA of Upstream Network   | 11.98 |
| % Agricultural Cover in ARA of Downstream Network | 26.4  | % Other Impervious in ARA of Downstream Network | 10.97 |
| % Impervious Surf in ARA of Upstream Network      | 10    |   |       |
| % Impervious Surf in ARA of Downstream Network    | 14.56 |   |       |

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)                                   | 0.63                                   | Upstream Size Class Gain (#)   | 0 |
| Total Functional Network (mi)                                      | 1.88                                   | # Downstream Natural Barriers  | 0 |
| Absolute Gain (mi)   | 0.63                                   | # Downstream Hydropower Dams   | 0 |
| # Size Classes in Total Network                                    | 1                                      | # Downstream Dams with Passage | 0 |
| # Upstream Network Size Classes                                    | 1                                      | # of Downstream Barriers       | 2 |
| 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)        | 0.76                                   |                                |   |
| 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                                 | 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 | Current         |                               |                 |
| # Diadromous Species Downstream (incl eel)          | 2               |                               |                 |

## 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)              | 31 |
| # Rare Fish (HUC8)                               | 1  |
| # Rare Mussel (HUC8)                             | 0  |
| # Rare Crayfish (HUC8)                           | 0  |

## Stream Health

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

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