

Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: **CFPPP_987** **unknown**

Bay-wide Diadromous Tier **16**
 Bay-wide Resident Tier **13**
 Bay-wide Brook Trout Tier **17**
 NID ID
 State ID
 River Name **Six Springs Creek**
 Dam Height (ft) **0**
 Dam Type
 Latitude **41.3177**
 Longitude **-75.5667**
 Passage Facilities **None Documented**
 Passage Year **N/A**
 Size Class **1a: Headwater (0 - 3.861 sq mi)**
 HUC 12 **Spring Brook**
 HUC 10 **Lackawanna River**
 HUC 8 **Upper Susquehanna-Lackawann**
 HUC 6 **Upper Susquehanna**
 HUC 4 **Susquehanna**



Landcover

| NLCD (2011) | | Chesapeake Conservancy (2016) | |
|---|-------|---|-------|
| % Impervious Surface in Upstream Drainage Area | 5.03 | % Tree Cover in ARA of Upstream Network | 77.84 |
| % Natural Cover in Upstream Drainage Area | 64.5 | % Tree Cover in ARA of Downstream Network | 69.78 |
| % Forested in Upstream Drainage Area | 60.28 | % Herbaceous Cover in ARA of Upstream Network | 9.41 |
| % Agriculture in Upstream Drainage Area | 10.26 | % Herbaceous Cover in ARA of Downstream Network | 10.91 |
| % Natural Cover in ARA of Upstream Network | 95.45 | % Barren Cover in ARA of Upstream Network | 0 |
| % Natural Cover in ARA of Downstream Network | 98.84 | % Barren Cover in ARA of Downstream Network | 0 |
| % Forest Cover in ARA of Upstream Network | 81.82 | % Road Impervious in ARA of Upstream Network | 1.78 |
| % Forest Cover in ARA of Downstream Network | 75 | % Road Impervious in ARA of Downstream Network | 1.56 |
| % Agricultural Cover in ARA of Upstream Network | 4.55 | % Other Impervious in ARA of Upstream Network | 0 |
| % Agricultural Cover in ARA of Downstream Network | 0 | % Other Impervious in ARA of Downstream Network | 0.8 |
| % Impervious Surf in ARA of Upstream Network | 0 | | |
| % Impervious Surf in ARA of Downstream Network | 0.05 | | |

Metric descriptions can be found at:

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) | 0.04 | Upstream Size Class Gain (#) | 0 |
| Total Functional Network (mi) | 0.32 | # Downstream Natural Barriers | 0 |
| Absolute Gain (mi) | 0.04 | # Downstream Hydropower Dams | 5 |
| # Size Classes in Total Network | 0 | # Downstream Dams with Passage | 5 |
| # Upstream Network Size Classes | 0 | # of Downstream Barriers | 9 |
| 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 | 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 | None Documented |
| Presence of 1 or More Downstream Anadromous Species | None Documented | | |
| # Diadromous Species Downstream (incl eel) | 0 | | |

Resident Fish

| | |
|--|-----|
| Barrier is in EBTJV BKT Catchment | Yes |
| Barrier is in Modeled BKT Catchment (DeWeber) | No |
| Barrier Blocks an EBTJV Catchment | No |
| Barrier Blocks a Modeled BKT Catchment (DeWeber) | Yes |
| Native Fish Species Richness (HUC8) | 37 |
| # Rare Fish (HUC8) | 0 |
| # Rare Mussel (HUC8) | 2 |
| # Rare Crayfish (HUC8) | 0 |

Stream Health

| | |
|--------------------------------------|------|
| Chesapeake Bay Program Stream Health | FAIR |
| 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 | Fair |

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