

## Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: **CFPPP\_1077**      **unknown**

|                    |                                 |
|--------------------|---------------------------------|
| Diadromous Tier    | 18                              |
| Brook Trout Tier   | N/A                             |
| Resident Tier      | 20                              |
| NID ID             |                                 |
| State ID           |                                 |
| River Name         | Silver Mine Run                 |
| Dam Height (ft)    | 0                               |
| Dam Type           |                                 |
| Latitude           | 39.9612                         |
| Longitude          | -76.3143                        |
| Passage Facilities | None Documented                 |
| Passage Year       | N/A                             |
| Size Class         | 1a: Headwater (0 - 3.861 sq mi) |
| HUC 12             | Climbers Run-Pequea Creek       |
| HUC 10             | Pequea Creek                    |
| HUC 8              | Lower Susquehanna               |
| HUC 6              | Lower Susquehanna               |
| HUC 4              | Susquehanna                     |



### Landcover

| NLCD (2011)                                       |       | Chesapeake Conservancy (2016)                   |   |
|---------------------------------------------------|-------|-------------------------------------------------|---|
| % Impervious Surface in Upstream Drainage Area    | 2.31  | % Tree Cover in ARA of Upstream Network         | 0 |
| % Natural Cover in Upstream Drainage Area         | 1.65  | % Tree Cover in ARA of Downstream Network       | 0 |
| % Forested in Upstream Drainage Area              | 0.94  | % Herbaceous Cover in ARA of Upstream Network   | 0 |
| % Agriculture in Upstream Drainage Area           | 89.06 | % Herbaceous Cover in ARA of Downstream Network | 0 |
| % Natural Cover in ARA of Upstream Network        | 0     | % Barren Cover in ARA of Upstream Network       | 0 |
| % Natural Cover in ARA of Downstream Network      | 0     | % 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       | 0     | % 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 | 0     | % 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)                                   | 0.02      | Upstream Size Class Gain (#)   | 0 |
| Total Functional Network (mi)                                      | 0.64      | # Downstream Natural Barriers  | 1 |
| Absolute Gain (mi)                                                 | 0.02      | # Downstream Hydropower Dams   | 2 |
| # Size Classes in Total Network                                    | 1         | # Downstream Dams with Passage | 2 |
| # Upstream Network Size Classes                                    | 0         | # of Downstream Barriers       | 6 |
| 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)        | 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         |
| 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)              | 53 |
| # Rare Fish (HUC8)                               | 2  |
| # Rare Mussel (HUC8)                             | 3  |
| # Rare Crayfish (HUC8)                           | 0  |

### Stream Health

|                                      |      |
|--------------------------------------|------|
| Chesapeake Bay Program Stream Health | POOR |
| 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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