## **Chesapeake Fish Passage Prioritization - Dam Fact Sheet**

|                    | Cilesapi     | eake risii Passa     |
|--------------------|--------------|----------------------|
| CFPPP Unique ID:   | CFPPP_659    | unknown              |
| Diadromous Tier    |              | 8                    |
| Brook Trout Tier   | N/A          |                      |
| Resident Tier      |              | 4                    |
| NID ID             |              |                      |
| State ID           |              |                      |
| River Name         |              |                      |
| Dam Height (ft)    | 0            |                      |
| Dam Type           |              |                      |
| Latitude           | 36.8623      |                      |
| Longitude          | -76.5943     |                      |
| Passage Facilities | None Docum   | nented               |
| Passage Year       | N/A          |                      |
| Size Class         | 1a: Headwat  | er (0 - 3.861 sq mi) |
| HUC 12             | Chuckatuck ( | Creek                |
| HUC 10             | Pagan River- | James River          |
| HUC 8              | Lower James  | 5                    |
| HUC 6              | James        |                      |
| HUC 4              | Lower Chesa  | ipeake               |



| Landcover  |       |  |       |  |  |  |
|--|-------|--|-------|--|--|--|
| NLCD (2011)  |       | Chesapeake Conservancy (2016)                    |       |  |  |  |
| % Impervious Surface in Upstream Drainage Area         | 0.51  | % Tree Cover in ARA of Upstream Network          | 92.29 |  |  |  |
| % Natural Cover in Upstream Drainage Area              | 65.34 | % Tree Cover in ARA of Downstream Network        | 71.41 |  |  |  |
| % Forested in Upstream Drainage Area                   | 39.56 | % Herbaceaous Cover in ARA of Upstream Network   | 5.76  |  |  |  |
| % Agriculture in Upstream Drainage Area                | 28.68 | % Herbaceaous Cover in ARA of Downstream Network | 24.71 |  |  |  |
| % Natural Cover in ARA of Upstream Network             | 99.41 | % Barren Cover in ARA of Upstream Network        | 0     |  |  |  |
| % Natural Cover in ARA of Downstream Network           | 70.89 | % Barren Cover in ARA of Downstream Network      | 0.01  |  |  |  |
| % Forest Cover in ARA of Upstream Network              | 41.84 | % Road Impervious in ARA of Upstream Network     | 0     |  |  |  |
| % Forest Cover in ARA of Downstream Network            | 29.02 | % Road Impervious in ARA of Downstream Network   | 0.68  |  |  |  |
| % Agricultral Cover in ARA of Upstream Network         | 0.59  | % Other Impervious in ARA of Upstream Network    | 0.38  |  |  |  |
| % Agricultral Cover in ARA of Downstream Network 24.38 |       | % Other Impervious in ARA of Downstream Network  | 1.26  |  |  |  |
| % Impervious Surf in ARA of Upstream Network           | 0     |  |       |  |  |  |
| % Impervious Surf in ARA of Downstream Network         | 0.53  |  |       |  |  |  |



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|   | Network, Sys   | tem Typ                             | e and Condition  |   |                         |
|---|--|-------------------------------------|--|---|-------------------------|
| Functional Upstream Network   | (mi) 2.31  |                                     | Upstream Size Class Gain (   | (#)   | 0                       |
| Total Functional Network (mi) 14.3  |  |                                     | # Downsteam Natural Barriers   |   | 0                       |
| Absolute Gain (mi) 2.31   |  |                                     | # Downstream Hydropower Dams   |   | 0                       |
| # Size Classes in Total Network   | 2  |                                     | # Downstream Dams with   | Passage   | 0                       |
| # Upstream Network Size Classes 1   |  |                                     | # of Downstream Barriers   |   | 1                       |
| NFHAP Cumulative Disturbanc   | e Index  |                                     | Not Scored / Unav  | vailable at th  | nis scale               |
| Dam is on Conserved Land  |  |                                     | No   |   |                         |
| % Conserved Land in 100m Buffer of Upstream Networ  |  | ·k                                  | 0  |   |                         |
| % Conserved Land in 100m Bu   | ffer of Downstream Netv  | work                                | 2.31   |   |                         |
| Density of Crossings in Upstream Network Watershed (#/r   |  | (#/m2)                              | 0  |   |                         |
| Density of Crossings in Downs   | tream Network Watersh  | ed (#/m2                            | 0.36   |   |                         |
| Density of off-channel dams in  | n Upstream Network Wat   | ershed (                            | #/m2) 0  |   |                         |
| Density of off-channel dams in  | n Downstream Network V   | Vatershe                            | d (#/m2) 0   |   |                         |
|   | 5.   |                                     | . real   |   |                         |
|   | DI   | adromou                             | is fish  |   |                         |
| Davington and Alawife   | Historical   | Day                                 | unatura in Ctrimad Daga  | Nana Daa  |                         |
| Downstream Alewife  | Historical   |                                     | wnstream Striped Bass  | None Doo  |                         |
| Downstream Alewife  Downstream Blueback   | Historical<br>Historical   |                                     | wnstream Striped Bass<br>wnstream Atlantic Sturgeon  | None Doo  |                         |
|   |  | Do                                  | ·  | None Doo  | cumented                |
| Downstream Blueback   | Historical   | Do                                  | wnstream Atlantic Sturgeon   | None Doo  | cumented                |
| Downstream Blueback  Downstream American Shad   | Historical  None Documented  None Documented   | Dor<br>Dor                          | wnstream Atlantic Sturgeon<br>wnstream Shortnose Sturgeon  | None Doo  | cumented                |
| Downstream Blueback  Downstream American Shad  Downstream Hickory Shad  | Historical  None Documented  None Documented  tream Anadromous Spec  | Dor<br>Dor                          | wnstream Atlantic Sturgeon<br>wnstream Shortnose Sturgeon<br>wnstream American Eel   | None Doo  | cumented                |
| Downstream Blueback  Downstream American Shad  Downstream Hickory Shad  Presence of 1 or More Downs  # Diadromous Species Downs   | Historical  None Documented  None Documented  tream Anadromous Spec  | Dor<br>Dor<br>Dor                   | wnstream Atlantic Sturgeon<br>wnstream Shortnose Sturgeon<br>wnstream American Eel<br>torical  | None Doo<br>None Doo<br>Current   | cumented                |
| Downstream Blueback  Downstream American Shad  Downstream Hickory Shad  Presence of 1 or More Downs  # Diadromous Species Downs  Reside   | Historical  None Documented  None Documented  tream Anadromous Spectream (incl eel)  nt Fish   | Dor<br>Dor<br>Dor<br>sies His       | wnstream Atlantic Sturgeon wnstream Shortnose Sturgeon wnstream American Eel torical Stre  | None Doo<br>None Doo<br>Current<br>am Health                                      | cumented                |
| Downstream Blueback  Downstream American Shad  Downstream Hickory Shad  Presence of 1 or More Downs  # Diadromous Species Downs  Reside  Barrier is in EBTJV BKT Catchm   | Historical  None Documented  None Documented  tream Anadromous Spectream (incl eel)  nt Fish nent  | Dor<br>Dor<br>Dor<br>sies His:<br>1 | wnstream Atlantic Sturgeon wnstream Shortnose Sturgeon wnstream American Eel torical Stree Chesapeake Bay Program St   | None Doo<br>None Doo<br>Current<br>am Health                                      | cumented<br>cumented    |
| Downstream Blueback  Downstream American Shad  Downstream Hickory Shad  Presence of 1 or More Downs  # Diadromous Species Downs  Reside  Barrier is in EBTJV BKT Catchm  Barrier is in Modeled BKT Catch  | Historical  None Documented  None Documented  tream Anadromous Spectoream (incl eel)  nt Fish nent chment (DeWeber)  | Dor<br>Dor<br>Dor<br>dies His<br>1  | wnstream Atlantic Sturgeon wnstream Shortnose Sturgeon wnstream American Eel torical  Stre Chesapeake Bay Program St MD MBSS Benthic IBI Strear  | None Doo<br>None Doo<br>Current<br>am Health<br>tream Health                      | cumented<br>cumented    |
| Downstream Blueback  Downstream American Shad  Downstream Hickory Shad  Presence of 1 or More Downs  # Diadromous Species Downs  Reside  Barrier is in EBTJV BKT Catchm  Barrier is in Modeled BKT Catch  Barrier Blocks an EBTJV Catch   | Historical  None Documented  None Documented  tream Anadromous Spectoream (incl eel)  nt Fish ment chment (DeWeber)  ment  | Dor<br>Dor<br>Dor<br>Lies His<br>1  | wnstream Atlantic Sturgeon wnstream Shortnose Sturgeon wnstream American Eel torical  Stree Chesapeake Bay Program St MD MBSS Benthic IBI Stream MD MBSS Fish IBI Stream He  | None Doo<br>None Doo<br>Current<br>am Health<br>cream Health<br>m Health<br>ealth | n FAIR<br>N/A           |
| Downstream Blueback  Downstream American Shad  Downstream Hickory Shad  Presence of 1 or More Downs  # Diadromous Species Downst  Reside  Barrier is in EBTJV BKT Catchm  Barrier is in Modeled BKT Catch  Barrier Blocks an EBTJV Catch  Barrier Blocks a Modeled BKT                                  | Historical  None Documented  None Documented  tream Anadromous Spectoream (incl eel)  Int Fish Internet (DeWeber)  Internet (DeWeber)  Internet (DeWeber)  | Dor<br>Dor<br>Dor<br>Lies His<br>1  | wnstream Atlantic Sturgeon wnstream Shortnose Sturgeon wnstream American Eel torical  Stree Chesapeake Bay Program St MD MBSS Benthic IBI Stream MD MBSS Fish IBI Stream Ho MD MBSS Combined IBI Stre                            | None Doo<br>None Doo<br>Current<br>am Health<br>tream Health<br>m Health<br>ealth | n FAIR N/A N/A          |
| Downstream Blueback  Downstream American Shad  Downstream Hickory Shad  Presence of 1 or More Downs  # Diadromous Species Downst  Reside  Barrier is in EBTJV BKT Catchm  Barrier is in Modeled BKT Catch  Barrier Blocks an EBTJV Catch  Barrier Blocks a Modeled BKT  Native Fish Species Richness (  | Historical  None Documented  None Documented  tream Anadromous Spectore (incl eel)  Int Fish Inent Inchment (DeWeber) Interpretation (DeWeber) Int | Dor Dor Dor No No No No No S2       | wnstream Atlantic Sturgeon wnstream Shortnose Sturgeon wnstream American Eel torical  Stre Chesapeake Bay Program St MD MBSS Benthic IBI Stream MD MBSS Fish IBI Stream He MD MBSS Combined IBI Stream VA INSTAR mIBI Stream Hea | None Doo<br>None Doo<br>Current<br>am Health<br>tream Health<br>m Health<br>ealth | n FAIR N/A N/A N/A High |
| Downstream Blueback  Downstream American Shad  Downstream Hickory Shad  Presence of 1 or More Downs  # Diadromous Species Downs  Reside  Barrier is in EBTJV BKT Catchm  Barrier is in Modeled BKT Catch  Barrier Blocks an EBTJV Catch  Barrier Blocks a Modeled BKT  Native Fish Species Richness (if | Historical  None Documented  None Documented  tream Anadromous Spectore (incl eel)  Int Fish Inent Inchment (DeWeber) Interpretation (DeWeber) Int | Dor Dor Dor No No No No S2 2        | wnstream Atlantic Sturgeon wnstream Shortnose Sturgeon wnstream American Eel torical  Stree Chesapeake Bay Program St MD MBSS Benthic IBI Stream MD MBSS Fish IBI Stream Ho MD MBSS Combined IBI Stre                            | None Doo<br>None Doo<br>Current<br>am Health<br>tream Health<br>m Health<br>ealth | n FAIR N/A N/A          |
| Downstream Blueback  Downstream American Shad  Downstream Hickory Shad  Presence of 1 or More Downs  # Diadromous Species Downst  Reside  Barrier is in EBTJV BKT Catchm  Barrier is in Modeled BKT Catch  Barrier Blocks an EBTJV Catch  Barrier Blocks a Modeled BKT  Native Fish Species Richness (  | Historical  None Documented  None Documented  tream Anadromous Spectream (incl eel)  nt Fish nent chment (DeWeber) ment Catchment (DeWeber) HUC8)  | Dor Dor Dor No No No No No S2       | wnstream Atlantic Sturgeon wnstream Shortnose Sturgeon wnstream American Eel torical  Stre Chesapeake Bay Program St MD MBSS Benthic IBI Stream MD MBSS Fish IBI Stream He MD MBSS Combined IBI Stream VA INSTAR mIBI Stream Hea | None Doo<br>None Doo<br>Current<br>am Health<br>tream Health<br>m Health<br>ealth | n FAIR N/A N/A N/A High |

