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

|                    | Circsap      | Can    | C 1 1311  | 1 433  | 6 |
|--------------------|--------------|--------|-----------|--------|---|
| CFPPP Unique ID:   | PA_58-052    |        | LAKE ER   | IE     |   |
| Bay-wide Diadrom   | ous Tier     | 16     |           |        | _ |
| Bay-wide Resident  | Tier         | 7      |           |        |   |
| Bay-wide Brook Tr  | out Tier     | 17     |           |        |   |
| NID ID             |              |        |           |        |   |
| State ID           | 58-052       |        |           |        |   |
| River Name         |              |        |           |        |   |
| Dam Height (ft)    | 6            |        |           |        |   |
| Dam Type           | Concrete     |        |           |        |   |
| Latitude           | 41.6428      |        |           |        |   |
| Longitude          | -75.4774     |        |           |        |   |
| Passage Facilities | None Docun   | nente  | ed        |        |   |
| Passage Year       | N/A          |        |           |        |   |
| Size Class         | 1a: Headwat  | ter (0 | - 3.861   | sq mi) |   |
| HUC 12             | Lees Creek-L | .acka  | wanna R   | iver   |   |
| HUC 10             | Lackawanna   | Rive   | r         |        |   |
| HUC 8              | Upper Susqu  | ıehar  | ına-Lacka | awann  |   |
| HUC 6              | Upper Susqu  | ıehar  | ına       |        |   |
| HUC 4              | Susquehann   | а      |           |        |   |







|  | Land  | cover  |       |
|--|-------|--|-------|
| NLCD (2011)                                      |       | Chesapeake Conservancy (2016)                    |       |
| % Impervious Surface in Upstream Drainage Area   | 2.78  | % Tree Cover in ARA of Upstream Network          | 49.25 |
| % Natural Cover in Upstream Drainage Area        | 81.92 | % Tree Cover in ARA of Downstream Network        | 54.16 |
| % Forested in Upstream Drainage Area             | 70.86 | % Herbaceaous Cover in ARA of Upstream Network   | 21.68 |
| % Agriculture in Upstream Drainage Area          | 0.33  | % Herbaceaous Cover in ARA of Downstream Network | 33.75 |
| % Natural Cover in ARA of Upstream Network       | 74.94 | % Barren Cover in ARA of Upstream Network        | 0.36  |
| % Natural Cover in ARA of Downstream Network     | 57.7  | % Barren Cover in ARA of Downstream Network      | 0.51  |
| % Forest Cover in ARA of Upstream Network        | 45.56 | % Road Impervious in ARA of Upstream Network     | 1.41  |
| % Forest Cover in ARA of Downstream Network      | 44.4  | % Road Impervious in ARA of Downstream Network   | 2     |
| % Agricultral Cover in ARA of Upstream Network   | 2.51  | % Other Impervious in ARA of Upstream Network    | 6.72  |
| % Agricultral Cover in ARA of Downstream Network | 27.91 | % Other Impervious in ARA of Downstream Network  | 3.88  |
| % Impervious Surf in ARA of Upstream Network     | 3.37  |  |       |
| % Impervious Surf in ARA of Downstream Network   | 3.93  |  |       |



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

CFPPP Unique ID: PA\_58-052 LAKE ERIE

| Density of Crossings in Downstream Network Watershed (#/m2) 0.98  Density of off-channel dams in Upstream Network Watershed (#/m2) 0  Density of off-channel dams in Downstream Network Watershed (#/m2) 0.01  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 Docume  # Diadromous Species Downstream (incl eel) 1  Resident Fish Stream Health FAIR  Barrier is in EBTJV BKT Catchment Yes Chesapeake Bay Program Stream Health N/A  Barrier Blocks an EBTJV Catchment No MD MBSS Fish IBI Stream Health N/A  Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Combined IBI Stream Health N/A  Native Fish Species Richness (HUC8) 37 VA INSTAR mIBI Stream Health N/A  # Rare Fish (HUC8) 0 PA IBI Stream Health Fair  # Rare Mussel (HUC8) 2   | CFPPP Unique ID: PA_58-052                                       | LAKE ERIE                          |        |  |   |            |          |  |
|--|--|------------------------------------|--------|--|---|------------|----------|--|
| Total Functional Network (mi) 7073.36 # Downsteam Natural Barriers 0 Absolute Gain (mi) 0.82 # Downstream Hydropower Dams 4 # Size Classes in Total Network 7 # Downstream Barriers 6 # Upstream Network Size Classes 1 # of Downstream Barriers 6 NFHAP Cumulative Disturbance Index Moderate Dam is on Conserved Land No % Conserved Land No % Conserved Land in 100m Buffer of Upstream Network 0 % Conserved Land in 100m Buffer of Downstream Network 6.98 Density of Crossings in Upstream Network Watershed (#/m2) 0.74 Density of Crossings in Upstream Network Watershed (#/m2) 0.98 Density of off-channel dams in Upstream Network Watershed (#/m2) 0.01  Diadromous Fish  Downstream Alewife None Documented Downstream Striped Bass None Documented Downstream Hickory Shad None Documented Downstream Atlantic Sturgeon None Documented Downstream Hickory Shad None Documented Downstream American Eel Current  Resident Fish Stream Health FAIR Barrier is in EBTJV BKT Catchment (nicl eel) 1  Resident Fish Stream Health N/A Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Enshitic IBI Stream Health N/A Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Combined IBI Stream Health N/A Native Fish Species Richness (HUC8) 0 PA IBI Stream Health N/A Rare Fish (HUC8) 0 PA IBI Stream Health N/A Rare Fish (HUC8) 0 PA IBI Stream Health Fair # Rare Mussel (HUC8) 7   |  | Network, Sy                        | ystem  | Type and Con                             | dition                                    |            |          |  |
| Absolute Gain (mi) 0.82 # Downstream Hydropower Dams 4 # Size Classes in Total Network 7 # Downstream Dams with Passage 5 # Upstream Network Size Classes 1 # of Downstream Barriers 6 NFHAP Cumulative Disturbance Index Moderate  Dam is on Conserved Land No No % Conserved Land in 100m Buffer of Upstream Network 0 % Conserved Land in 100m Buffer of Downstream Network 6.98  Density of Crossings in Upstream Network Watershed (#/m2) 0.74  Density of Crossings in Downstream Network Watershed (#/m2) 0.98  Density of off-channel dams in Upstream Network Watershed (#/m2) 0.01  Diadromous Fish  Downstream Alewife None Documented Downstream Striped Bass None Documented Downstream Hickory Shad None Documented Downstream Anaerican Shad None Documented Downstream American Shad None Documented Downstream American Eel Current  Resident Fish Stream Health FAIR Barrier is in EBTJV BKT Catchment (Incl eel) 1  Resident Fish Stream Health N/A MD MBSS Fish IBI Stream Health N/A MD MBSS Fish IBI Stream Health N/A Native Fish Species Richness (HUC8) 0 PA IBI Stream Health N/A WA INSTAR mIBI Stream | Functional Upstream Network                                      | (mi) 0.82                          |        | Upstr                                    | eam Size Class Gain (‡                    | <b>‡</b> ) | 0        |  |
| # Size Classes in Total Network 7  # Downstream Dams with Passage 5  # Upstream Network Size Classes 1  # of Downstream Barriers 6  NFHAP Cumulative Disturbance Index   | Total Functional Network (mi)                                    | 7073.36                            |        | # Dov                                    | wnsteam Natural Barri                     | ers        | 0        |  |
| # Upstream Network Size Classes 1 # of Downstream Barriers 6 NFHAP Cumulative Disturbance Index Moderate Dam is on Conserved Land No % Conserved Land in 100m Buffer of Upstream Network 0, % Conserved Land in 100m Buffer of Downstream Network 6.98 Density of Crossings in Upstream Network Watershed (#/m2) 0.74 Density of Crossings in Downstream Network Watershed (#/m2) 0.98 Density of off-channel dams in Upstream Network Watershed (#/m2) 0 Density of off-channel dams in Downstream Network Watershed (#/m2) 0.01  Diadromous Fish Downstream Alewife None Documented Downstream Striped Bass None Documented Downstream Allewife None Documented Downstream Atlantic Sturgeon None Documented Downstream American Shad None Documented Downstream American Striped Downstream American Shad None Documented Downstream American Striped Downstream American Shad None Documented Downstream American Striped Striped Striped None Documented Downstream American Shad None Documented Downstream American Striped Striped None Documented Downstream American Shad None Documented Downstream American Striped Striped None Documented Downstream American Shad None Documented Downstream American Striped Striped None Documented Downstream Hickory Shad None Documented Downstream American Striped Striped None Documented Downstream Hickory Shad None Documented Downstream American Striped Striped None Documented # Diadromous Species Downstream (incl eel)  Resident Fish  Stream Health FAIR MD MBSS Benthic IBI Stream Health N/A Barrier Is in Modeled BKT Catchment (DeWeber) No MD MBSS Combined IBI Stream Health N/A Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Combined IBI Stream Health N/A Native Fish Species Richness (HUC8)  37 VA INSTAR miBI Stream Health N/A # Rare Fish (HUC8)  0 PA IBI Stream Health Fair # Rare Mussel (HUC8)  | Absolute Gain (mi)   | 0.82                               |        | # Dov                                    | wnstream Hydropowe                        | r Dams     | 4        |  |
| NPHAP Cumulative Disturbance Index Dam is on Conserved Land No % Conserved Land in 100m Buffer of Upstream Network % Conserved Land in 100m Buffer of Downstream Network % Conserved Land in 100m Buffer of Downstream Network % Conserved Land in 100m Buffer of Downstream Network % Conserved Land in 100m Buffer of Downstream Network % Conserved Land in 100m Buffer of Downstream Network % Conserved Land in 100m Buffer of Downstream Network % Conserved Land in 100m Buffer of Downstream Network % Conserved Land in 100m Buffer of Downstream Network % Conserved Land in 100m Buffer of Downstream Network % Conserved Land in 100m Buffer of Downstream Network % Conserved Land in 100m Buffer of Downstream Network % Conserved Land in 100m Buffer of Downstream Network % Conserved Land in 100m Buffer of Downstream Network % Conserved Land in 100m Buffer of Downstream Network % Conserved Land in 100m Buffer of Downstream Network % Conserved Land in 100m Buffer of Downstream Store None Documented Downstream Alewife Downstream American Shad None Documented Downstream Shortnose Sturgeon None Documented Downstream American Eel Current Presence of 1 or More Downstream Anadromous Species None Docume # Diadromous Species Downstream (incl eel) 1  Resident Fish Barrier is in EBTJV BKT Catchment Yes Chesapeake Bay Program Stream Health N/A Barrier Blocks an EBTJV Catchment (DeWeber) No MD MBSS Benthic IBI Stream Health N/A Barrier Blocks an Modeled BKT Catchment (DeWeber) No MD MBSS Fish IBI Stream Health N/A Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Combined IBI Stream Health N/A Native Fish Species Richness (HUC8) 37 VA INSTAR mIBI Stream Health N/A # Rare Fish (HUC8) 9 PA IBI Stream Health Fair   | # Size Classes in Total Network                                  | k 7                                |        | # Dov                                    | wnstream Dams with A                      | Passage    | 5        |  |
| Dam is on Conserved Land  No % Conserved Land in 100m Buffer of Upstream Network % Conserved Land in 100m Buffer of Downstream Network % Conserved Land in 100m Buffer of Downstream Network % Conserved Land in 100m Buffer of Downstream Network % Conserved Land in 100m Buffer of Downstream Network % Conserved Land in 100m Buffer of Downstream Network % Conserved Land in 100m Buffer of Downstream Network % Conserved Land in 100m Buffer of Downstream Network % Conserved Land in 100m Buffer of Downstream Network Watershed # Mac Downstream Network # Watershed # Mac Downstream Network # Watershed # Mac Downstream Striped Bass # None Documented # Downstream Atlantic Sturgeon # None Documented # Downstream Atlantic Sturgeon # None Documented # Downstream Atlantic Sturgeon # None Documented # Downstream American Sturgeon # None Documented # Downstream American Sturgeon # None Documented # Downstream American Eel # Current  # Current    Stream Health   Stream Health   None Documented # Chesapeake Bay Program Stream Health   N/A   MD MBSS Benthic IBI Stream Health   N/A   MD MBSS Fish IBI Stream Health   N/A   MD MBSS Fish IBI Stream Health   N/A   MD MBSS Combined IBI Stream Health   N/A   Mative Fish Species Richness (HUC8) # Rare Fish (HUC8) # Rare Fish (HUC8) # Rare Fish (HUC8) # Rare Mussel (HUC8) # Rare Fish (HUC8) # Rare Fish (HUC8) # Rare Fish (HUC8) # Rare Mussel (HUC8) # Rare Fish (HUC8)   | # Upstream Network Size Clas                                     | ses 1                              |        | # of [                                   | Downstream Barriers                       |            | 6        |  |
| % Conserved Land in 100m Buffer of Upstream Network 0 % Conserved Land in 100m Buffer of Downstream Network 6.98  Density of Crossings in Upstream Network Watershed (#/m2) 0.74  Density of Crossings in Downstream Network Watershed (#/m2) 0.98  Density of off-channel dams in Upstream Network Watershed (#/m2) 0.01  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 American Eel Current  Presence of 1 or More Downstream Anadromous Species # Diadromous Species Downstream (incl eel)  Resident Fish Stream Health FAIR  Barrier is in Modeled BKT Catchment (DeWeber) No MD MBSS Benthic IBI Stream Health N/A  Barrier Blocks an EBTJV Catchment No MD MBSS Fish IBI Stream Health N/A  Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Combined IBI Stream Health N/A  Native Fish Species Richness (HUC8) 37 VA INSTAR mIBI Stream Health N/A  # Rare Fish (HUC8) 0 PA IBI Stream Health Fair  # Rare Mussel (HUC8) 2   | NFHAP Cumulative Disturband                                      | e Index                            |        |  | Moderate                                  |            |          |  |
| % Conserved Land in 100m Buffer of Downstream Network Density of Crossings in Upstream Network Watershed (#/m2) Density of Crossings in Downstream Network Watershed (#/m2) Density of off-channel dams in Upstream Network Watershed (#/m2) Density of off-channel dams in Upstream Network Watershed (#/m2) Density of off-channel dams in Downstream Network Watershed (#/m2) Density of off-channel dams in Downstream Network Watershed (#/m2) Downstream Alewife None Documented Downstream Striped Bass None Documented Downstream Atlantic Sturgeon None Documented Downstream American Shad None Documented Downstream American Eel Current Presence of 1 or More Downstream Anadromous Species # Diadromous Species Downstream (incl eel)  Resident Fish Barrier is in EBTJV BKT Catchment Yes Barrier is in Modeled BKT Catchment (DeWeber) No Barrier Blocks an EBTJV Catchment No MD MBSS Benthic IBI Stream Health N/A MD MBSS Fish IBI Stream Health N/A MD MBSS Combined IBI Stream Health N/A Native Fish Species Richness (HUC8) 37 VA INSTAR mIBI Stream Health N/A # Rare Fish (HUC8) 0 PA IBI Stream Health Fair  | Dam is on Conserved Land   |                                    |        |  | No  |            |          |  |
| Density of Crossings in Upstream Network Watershed (#/m2) 0.74  Density of Crossings in Downstream Network Watershed (#/m2) 0.98  Density of off-channel dams in Upstream Network Watershed (#/m2) 0.01  Diadromous Fish  Downstream Alewife None Documented Downstream Striped Bass None Documented  Downstream Blueback None Documented Downstream Atlantic Sturgeon None Documented  Downstream Hickory Shad None Documented Downstream American Eel Current  Presence of 1 or More Downstream Anadromous Species # Diadromous Species Downstream (incl eel)  Resident Fish Stream Health  Barrier is in Modeled BKT Catchment (DeWeber) No MD MBSS Benthic IBI Stream Health N/A  Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Combined IBI Stream Health N/A  Native Fish Species Richness (HUC8)  7 VA INSTAR mIBI Stream Health N/A  # Rare Fish (HUC8)  9 PA IBI Stream Health Fair  # Rare Mussel (HUC8)   | % Conserved Land in 100m Bu                                      | ffer of Upstream Netwo             | ork    |  | 0   |            |          |  |
| Density of Crossings in Downstream Network Watershed (#/m2) 0.98  Density of off-channel dams in Upstream Network Watershed (#/m2) 0  Density of off-channel dams in Downstream Network Watershed (#/m2) 0.01  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 Docume  # Diadromous Species Downstream (incl eel) 1  Resident Fish Stream Health FAIR  Barrier is in EBTJV BKT Catchment Yes Chesapeake Bay Program Stream Health N/A  Barrier Blocks an EBTJV Catchment No MD MBSS Fish IBI Stream Health N/A  Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Combined IBI Stream Health N/A  Native Fish Species Richness (HUC8) 37 VA INSTAR mIBI Stream Health N/A  # Rare Fish (HUC8) 0 PA IBI Stream Health Fair  # Rare Mussel (HUC8) 2   | % Conserved Land in 100m Bu                                      | ffer of Downstream Ne              | twork  |  | 6.98                                      |            |          |  |
| Density of off-channel dams in Upstream Network Watershed (#/m2) 0 Density of off-channel dams in Downstream Network Watershed (#/m2) 0.01  Diadromous Fish  Downstream Alewife None Documented Downstream Striped Bass None Documented Downstream Blueback None Documented Downstream Atlantic Sturgeon None Documented Downstream Hickory Shad None Documented Downstream American Eel Current  Presence of 1 or More Downstream Anadromous Species None Docume # Diadromous Species Downstream (incl eel) 1  Resident Fish Stream Health Barrier is in EBTJV BKT Catchment Yes Chesapeake Bay Program Stream Health FAIR Barrier is in Modeled BKT Catchment (DeWeber) No MD MBSS Benthic IBI Stream Health N/A Barrier Blocks an EBTJV Catchment No MD MBSS Fish IBI Stream Health N/A Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Combined IBI Stream Health N/A Native Fish Species Richness (HUC8) 37 VA INSTAR mIBI Stream Health N/A # Rare Fish (HUC8) 0 PA IBI Stream Health Fair # Rare Mussel (HUC8) 2  | Density of Crossings in Upstream Network Watershed (#/m2)        |                                    |        |  | 0.74                                      |            |          |  |
| Density of off-channel dams in Downstream Network Watershed (#/m2) 0.01  Diadromous Fish  Downstream Alewife None Documented Downstream Striped Bass None Documented  Downstream Blueback None Documented Downstream Atlantic Sturgeon None Documented  Downstream Hickory Shad None Documented Downstream American Eel Current  Presence of 1 or More Downstream Anadromous Species None Docume  # Diadromous Species Downstream (incl eel)  Resident Fish Stream Health  Barrier is in EBTJV BKT Catchment Yes Chesapeake Bay Program Stream Health FAIR  Barrier Blocks an EBTJV Catchment (DeWeber) No MD MBSS Fish IBI Stream Health N/A  Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Combined IBI Stream Health N/A  Native Fish Species Richness (HUC8)  7 VA INSTAR mIBI Stream Health N/A  # Rare Fish (HUC8)  9 PA IBI Stream Health Fair  # Rare Mussel (HUC8)  | Density of Crossings in Downstream Network Watershed (#/m2) 0.98 |                                    |        |  |   |            |          |  |
| 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 Docume  # Diadromous Species Downstream (incl eel)  Resident Fish Stream Health  Barrier is in EBTJV BKT Catchment Yes Chesapeake Bay Program Stream Health FAIR  Barrier is in Modeled BKT Catchment (DeWeber) No MD MBSS Benthic IBI Stream Health N/A  Barrier Blocks an EBTJV Catchment No MD MBSS Combined IBI Stream Health N/A  Native Fish Species Richness (HUC8)  # Rare Fish (HUC8)  O PA IBI Stream Health Fair  # Rare Mussel (HUC8)   | Density of off-channel dams in                                   | ı Upstream Network Wa              | atersh | ed (#/m2)                                | 0   |            |          |  |
| Downstream Alewife None Documented Downstream Striped Bass None Documented Downstream Blueback None Documented Downstream Atlantic Sturgeon None Documented Downstream American Shad None Documented Downstream American Eel Current Presence of 1 or More Downstream Anadromous Species None Docume # Diadromous Species Downstream (incl eel) 1  Resident Fish Stream Health FAIR Barrier is in EBTJV BKT Catchment (DeWeber) No MD MBSS Benthic IBI Stream Health N/A Barrier Blocks an EBTJV Catchment (DeWeber) No MD MBSS Fish IBI Stream Health N/A Native Fish Species Richness (HUC8) 37  # Rare Fish (HUC8) 0  PA IBI Stream Health Fair # Rare Mussel (HUC8) 2  | Density of off-channel dams in                                   | n Downstream Network               | Wate   | rshed (#/m2)                             | 0.01                                      |            |          |  |
| 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 Docume # Diadromous Species Downstream (incl eel)  Resident Fish Stream Health  Barrier is in EBTJV BKT Catchment Yes Chesapeake Bay Program Stream Health FAIR  Barrier is in Modeled BKT Catchment (DeWeber) No MD MBSS Benthic IBI Stream Health N/A  Barrier Blocks an EBTJV Catchment No MD MBSS Fish IBI Stream Health N/A  Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Combined IBI Stream Health N/A  Native Fish Species Richness (HUC8) 37 VA INSTAR mIBI Stream Health N/A  # Rare Fish (HUC8) 0 PA IBI Stream Health Fair  # Rare Mussel (HUC8)  |  |                                    | Diadro | mous Fish                                |   |            |          |  |
| 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 Docume  # Diadromous Species Downstream (incl eel)  Resident Fish Stream Health  Barrier is in EBTJV BKT Catchment Yes Chesapeake Bay Program Stream Health FAIR  Barrier is in Modeled BKT Catchment (DeWeber) No MD MBSS Benthic IBI Stream Health N/A  Barrier Blocks an EBTJV Catchment No MD MBSS Fish IBI Stream Health N/A  Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Combined IBI Stream Health N/A  Native Fish Species Richness (HUC8) 37 VA INSTAR mIBI Stream Health N/A  # Rare Fish (HUC8) 0 PA IBI Stream Health Fair  | Downstream Alewife   | Downstream Alewife None Documented |        | Downstream Striped Bass None Doo         |   |            | umented  |  |
| Downstream Hickory Shad None Documented Downstream American Eel Current  Presence of 1 or More Downstream Anadromous Species None Docume  # Diadromous Species Downstream (incl eel)  Resident Fish Stream Health  Barrier is in EBTJV BKT Catchment Yes Chesapeake Bay Program Stream Health FAIR  Barrier is in Modeled BKT Catchment (DeWeber) No MD MBSS Benthic IBI Stream Health N/A  Barrier Blocks an EBTJV Catchment No MD MBSS Fish IBI Stream Health N/A  Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Combined IBI Stream Health N/A  Native Fish Species Richness (HUC8) 37 VA INSTAR mIBI Stream Health N/A  # Rare Fish (HUC8) 0 PA IBI Stream Health Fair  # Rare Mussel (HUC8)   | Downstream Blueback  | None Documented                    |        | Downstream Atlantic Sturgeon None Docume |   |            | cumented |  |
| Presence of 1 or More Downstream Anadromous Species # Diadromous Species Downstream (incl eel)  Resident Fish  Barrier is in EBTJV BKT Catchment Barrier is in Modeled BKT Catchment (DeWeber)  Barrier Blocks an EBTJV Catchment  No  MD MBSS Fish IBI Stream Health  N/A  Modeled BKT Catchment (DeWeber)  Modeled BKT Catchment (DeWebe | Downstream American Shad   | None Documented                    |        | Downstream                               | Shortnose Sturgeon                        | None Doo   | cumented |  |
| # Diadromous Species Downstream (incl eel)  Resident Fish  Barrier is in EBTJV BKT Catchment  Barrier is in Modeled BKT Catchment (DeWeber)  Barrier Blocks an EBTJV Catchment  No  MD MBSS Benthic IBI Stream Health  N/A  MD MBSS Fish IBI Stream Health  N/A  MD MBSS Combined IBI Stream Health  N/A  MD MBSS Combined IBI Stream Health  N/A  MD MBSS Combined IBI Stream Health  N/A  NA  NA  NA  NA  NA  WA INSTAR mIBI Stream Health  N/A  # Rare Fish (HUC8)  PA IBI Stream Health  Fair  # Rare Mussel (HUC8)  | Downstream Hickory Shad  | None Documented                    |        | Downstream                               | American Eel                              | Current    |          |  |
| Resident Fish  Barrier is in EBTJV BKT Catchment  Barrier is in Modeled BKT Catchment (DeWeber)  No  MD MBSS Benthic IBI Stream Health  N/A  Barrier Blocks an EBTJV Catchment  No  MD MBSS Fish IBI Stream Health  N/A  Barrier Blocks a Modeled BKT Catchment (DeWeber)  No  MD MBSS Fish IBI Stream Health  N/A  MD MBSS Combined IBI Stream Health  N/A  Native Fish Species Richness (HUC8)  37  VA INSTAR mIBI Stream Health  N/A  # Rare Fish (HUC8)  0  PA IBI Stream Health  Fair  # Rare Mussel (HUC8)   | Presence of 1 or More Downs                                      | tream Anadromous Spe               | ecies  | None Docum                               | e   |            |          |  |
| Barrier is in EBTJV BKT Catchment  Barrier is in Modeled BKT Catchment (DeWeber)  No  MD MBSS Benthic IBI Stream Health  N/A  Barrier Blocks an EBTJV Catchment  No  MD MBSS Fish IBI Stream Health  N/A  Barrier Blocks a Modeled BKT Catchment (DeWeber)  No  MD MBSS Fish IBI Stream Health  N/A  MD MBSS Combined IBI Stream Health  N/A  Native Fish Species Richness (HUC8)  The All Masses of the M | # Diadromous Species Downs                                       | tream (incl eel)                   |        | 1  |   |            |          |  |
| Barrier is in Modeled BKT Catchment (DeWeber)  No  MD MBSS Benthic IBI Stream Health  N/A  MD MBSS Fish IBI Stream Health  N/A  MD MBSS Fish IBI Stream Health  N/A  MD MBSS Combined IBI Stream Health  N/A  NA  Native Fish Species Richness (HUC8)  # Rare Fish (HUC8)  D  A  A  A  A  A  A  A  Barrier is in Modeled BKT Catchment  No  MD MBSS Combined IBI Stream Health  N/A  N/A  VA INSTAR mIBI Stream Health  N/A  PA IBI Stream Health  Fair  # Rare Mussel (HUC8)  | Reside   | nt Fish                            |        |  | Strea                                     | m Health   |          |  |
| Barrier Blocks an EBTJV Catchment No MD MBSS Fish IBI Stream Health N/A Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Combined IBI Stream Health N/A Native Fish Species Richness (HUC8) 37 VA INSTAR mIBI Stream Health N/A # Rare Fish (HUC8) 0 PA IBI Stream Health Fair # Rare Mussel (HUC8) 2   | Barrier is in EBTJV BKT Catchment Ye                             |                                    | Yes    | Chesap                                   | Chesapeake Bay Program Stream Health FAIR |            |          |  |
| Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Combined IBI Stream Health N/A Native Fish Species Richness (HUC8) 37 VA INSTAR mIBI Stream Health N/A # Rare Fish (HUC8) 0 PA IBI Stream Health Fair # Rare Mussel (HUC8)   | Barrier is in Modeled BKT Catchment (DeWeber)                    |                                    | No     | MD MI                                    | BSS Benthic IBI Stream                    | Health     | N/A      |  |
| Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Combined IBI Stream Health N/A Native Fish Species Richness (HUC8) 37 VA INSTAR mIBI Stream Health N/A # Rare Fish (HUC8) 0 PA IBI Stream Health Fair # Rare Mussel (HUC8) 2   | Barrier Blocks an EBTJV Catch                                    | ment                               | No     | MD MI                                    | BSS Fish IBI Stream He                    | alth       | N/A      |  |
| Native Fish Species Richness (HUC8)  # Rare Fish (HUC8)  # Rare Mussel (HUC8)  2  VA INSTAR mIBI Stream Health  N/A  Fair  | Barrier Blocks a Modeled BKT                                     | Catchment (DeWeber)                | No     | MD MI                                    | BSS Combined IBI Stre                     | am Health  | -        |  |
| # Rare Fish (HUC8)  # Rare Mussel (HUC8)  O PA IBI Stream Health  Fair   |  | ,                                  |        |  |   |            | -        |  |
| # Rare Mussel (HUC8) 2   | ·  | •                                  |        |  |   |            | -        |  |
|  |  |                                    |        | .,,,,,,,,,                               |   |            |          |  |
|  | # Rare Crayfish (HUC8)   |                                    | 0      |  |   |            |          |  |

