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

CFPPP Unique ID: MD\_PXM29

Diadromous Tier 7

Brook Trout Tier N/A

Resident Tier 19

NID ID

State ID PXM29

River Name

Dam Height (ft) 0

Dam Type Unspecified Type

Latitude 38.8117

Longitude -76.784

Passage Facilities None Documented

Passage Year N/A

Size Class 1a: Headwater (0 - 3.861 sq mi)

HUC 12 Charles Branch-Western Branch

HUC 10 Western Branch Patuxent River

HUC 8 Patuxent

HUC 6 Upper Chesapeake

HUC 4 Upper Chesapeake







|  | Land    | covor  |       |  |  |
|--|---------|--|-------|--|--|
| Landcover  |         |  |       |  |  |
| NLCD (2011)                                      |         | Chesapeake Conservancy (2016)                    |       |  |  |
| % Impervious Surface in Upstream Drainage Area   | 0.56    | % Tree Cover in ARA of Upstream Network          | 73.35 |  |  |
| % Natural Cover in Upstream Drainage Area        | 63.6    | % Tree Cover in ARA of Downstream Network        | 62.66 |  |  |
| % Forested in Upstream Drainage Area             | 61.91   | % Herbaceaous Cover in ARA of Upstream Network   | 8.36  |  |  |
| % Agriculture in Upstream Drainage Area          | 28.88   | % Herbaceaous Cover in ARA of Downstream Network | 24.77 |  |  |
| % Natural Cover in ARA of Upstream Network       | 0       | % Barren Cover in ARA of Upstream Network        | 0     |  |  |
| % Natural Cover in ARA of Downstream Network     | 71.7    | % Barren Cover in ARA of Downstream Network      | 0.29  |  |  |
| % Forest Cover in ARA of Upstream Network        | 0       | % Road Impervious in ARA of Upstream Network     | 18.29 |  |  |
| % Forest Cover in ARA of Downstream Network      | 37.4    | % Road Impervious in ARA of Downstream Network   | 1.31  |  |  |
| % Agricultral Cover in ARA of Upstream Network   | 0       | % Other Impervious in ARA of Upstream Network    | 0     |  |  |
| % Agricultral Cover in ARA of Downstream Network | < 12.43 | % Other Impervious in ARA of Downstream Network  | 3.67  |  |  |
| % Impervious Surf in ARA of Upstream Network     | 6.43    |  |       |  |  |
| % Impervious Surf in ARA of Downstream Network   | 4.02    |  |       |  |  |



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|   | Network, Sys  | stem Ty                           | pe and Condition  |   |                               |
|---|---|-----------------------------------|---|---|-------------------------------|
| Functional Upstream Network   | (mi) 0.03   |                                   | Upstream Size Class Gair  | n (#)   | 0                             |
| Total Functional Network (mi)   | 1230.8  |                                   | # Downsteam Natural Ba  | arriers   | 0                             |
| Absolute Gain (mi)  | 0.03  |                                   | # Downstream Hydropo  | wer Dams  | 0                             |
| # Size Classes in Total Networ  | k 4   |                                   | # Downstream Dams wit   | h Passage   | 0                             |
| # Upstream Network Size Clas  | sses 0  |                                   | # of Downstream Barrie  | ^S  | 0                             |
| NFHAP Cumulative Disturband   | ce Index  |                                   | Very High   |   |                               |
| Dam is on Conserved Land  |   |                                   | No  |   |                               |
| % Conserved Land in 100m Buffer of Upstream Network   |   | rk                                | 0   |   |                               |
| % Conserved Land in 100m Bu   | uffer of Downstream Net   | work                              | 19.68   |   |                               |
| Density of Crossings in Upstream Network Watershed (#/m   |   | (#/m2)                            | 28.49   |   |                               |
| Density of Crossings in Downs   | stream Network Watersh  | ed (#/m                           | 12) 0.64  |   |                               |
| Density of off-channel dams in  | n Upstream Network Wa   | tershed                           | l (#/m2) 0  |   |                               |
| Density of off-channel dams in  | n Downstream Network \  | Watersh                           | ned (#/m2) 0.02   |   |                               |
|   |   |                                   |   |   |                               |
|   | D   | iadromo                           | ous Fish  |   |                               |
| Downstream Alewife  | D   |                                   | ous Fish<br>ownstream Striped Bass  | None Do   | cumented                      |
| Downstream Alewife<br>Downstream Blueback   |   | D                                 |   |   | cumented                      |
|   | Current   | D<br>D                            | ownstream Striped Bass  | None Do   |                               |
| Downstream Blueback   | Current<br>Current  | D<br>D                            | ownstream Striped Bass<br>ownstream Atlantic Sturgeon   | None Do   | cumented                      |
| Downstream Blueback  Downstream American Shad   | Current Current None Documented None Documented   | D<br>D<br>D                       | ownstream Striped Bass<br>ownstream Atlantic Sturgeon<br>ownstream Shortnose Sturgeo  | None Doo  | cumented                      |
| Downstream Blueback  Downstream American Shad  Downstream Hickory Shad  | Current Current None Documented None Documented stream Anadromous Spec  | D<br>D<br>D                       | ownstream Striped Bass<br>ownstream Atlantic Sturgeon<br>ownstream Shortnose Sturgeo<br>ownstream American Eel  | None Doo  | cumented                      |
| Downstream Blueback  Downstream American Shad  Downstream Hickory Shad  Presence of 1 or More Downs  # Diadromous Species Downs   | Current Current None Documented None Documented stream Anadromous Spec  | D D D Cies Co                     | ownstream Striped Bass<br>ownstream Atlantic Sturgeon<br>ownstream Shortnose Sturgeo<br>ownstream American Eel<br>urrent  | None Doo  | cumented                      |
| Downstream Blueback  Downstream American Shad  Downstream Hickory Shad  Presence of 1 or More Downs  # Diadromous Species Downs   | Current Current None Documented None Documented stream Anadromous Spec  | D D D Cies Co                     | ownstream Striped Bass<br>ownstream Atlantic Sturgeon<br>ownstream Shortnose Sturgeo<br>ownstream American Eel<br>urrent  | None Doo<br>On None Doo<br>Current  | cumented                      |
| Downstream Blueback  Downstream American Shad  Downstream Hickory Shad  Presence of 1 or More Downs  # Diadromous Species Downs  Reside   | Current Current None Documented None Documented Stream Anadromous Spectream (incl eel) ent Fish ment  | D D D cies Ci                     | ownstream Striped Bass ownstream Atlantic Sturgeon ownstream Shortnose Sturgeo ownstream American Eel urrent  | None Doo<br>On None Doo<br>Current<br>Team Health<br>Stream Healt   | cumented                      |
| Downstream Blueback  Downstream American Shad  Downstream Hickory Shad  Presence of 1 or More Downs  # Diadromous Species Downs  Reside  Barrier is in EBTJV BKT Catchn   | Current Current None Documented None Documented Stream Anadromous Spectoream (incl eel) Ent Fish ment Chment (DeWeber)                                    | D D D cies Ci                     | rownstream Striped Bass rownstream Atlantic Sturgeon rownstream Shortnose Sturgeo rownstream American Eel urrent  Str Chesapeake Bay Program  | None Doo<br>n None Doo<br>Current<br>ream Health<br>Stream Health<br>am Health                            | cumented cumented             |
| Downstream Blueback  Downstream American Shad  Downstream Hickory Shad  Presence of 1 or More Downs  # Diadromous Species Downs  Reside  Barrier is in EBTJV BKT Catchn  Barrier is in Modeled BKT Catch  | Current Current None Documented None Documented Stream Anadromous Speciatream (incl eel) ent Fish ment chment (DeWeber)                                   | D D D Cies Ci 3                   | cownstream Striped Bass cownstream Atlantic Sturgeon cownstream Shortnose Sturged cownstream American Eel cownstream Chesapeake Bay Program MD MBSS Benthic IBI Stre  | None Doo<br>on None Doo<br>Current<br>ream Health<br>Stream Health<br>am Health<br>Health                 | cumented cumented h POOR Poor |
| Downstream Blueback  Downstream American Shad  Downstream Hickory Shad  Presence of 1 or More Downs  # Diadromous Species Downs  Reside  Barrier is in EBTJV BKT Catchn  Barrier Blocks an EBTJV Catch  | Current Current None Documented None Documented Stream Anadromous Speciatream (incl eel) ent Fish ment chment (DeWeber) ment Catchment (DeWeber)          | D D D Cies Ci 3                   | cownstream Striped Bass cownstream Atlantic Sturgeon cownstream Shortnose Sturged cownstream American Eel urrent  Str Chesapeake Bay Program MD MBSS Benthic IBI Stre MD MBSS Fish IBI Stream   | None Doo<br>on None Doo<br>Current<br>ream Health<br>Stream Health<br>am Health<br>Health<br>tream Health | h POOR Poor Fair              |
| Downstream Blueback  Downstream American Shad  Downstream Hickory Shad  Presence of 1 or More Downs  # Diadromous Species Downs  Reside  Barrier is in EBTJV BKT Catchn  Barrier is in Modeled BKT Catch  Barrier Blocks an EBTJV Catch  Barrier Blocks a Modeled BKT                                 | Current Current None Documented None Documented Stream Anadromous Speciatream (incl eel) Ent Fish ment Chment (DeWeber) Imment Catchment (DeWeber) (HUC8) | D D D Cies Ci 3                   | cownstream Striped Bass cownstream Atlantic Sturgeon cownstream Shortnose Sturged cownstream American Eel urrent  Str Chesapeake Bay Program MD MBSS Benthic IBI Stre MD MBSS Fish IBI Stream MD MBSS Combined IBI Stream                         | None Doo<br>on None Doo<br>Current<br>ream Health<br>Stream Health<br>am Health<br>Health<br>tream Health | h POOR Poor Fair Fair         |
| Downstream Blueback  Downstream American Shad  Downstream Hickory Shad  Presence of 1 or More Downs  # Diadromous Species Downs  Reside  Barrier is in EBTJV BKT Catchn  Barrier is in Modeled BKT Catch  Barrier Blocks an EBTJV Catch  Barrier Blocks a Modeled BKT  Native Fish Species Richness ( | Current Current None Documented None Documented Stream Anadromous Speciatream (incl eel) ent Fish ment chment (DeWeber) ament Catchment (DeWeber) (HUC8)  | D D D Cies Ci 3 No No No No No 51 | cownstream Striped Bass cownstream Atlantic Sturgeon cownstream Shortnose Sturged cownstream American Eel urrent  Str Chesapeake Bay Program MD MBSS Benthic IBI Stre MD MBSS Fish IBI Stream MD MBSS Combined IBI Stream VA INSTAR mIBI Stream H | None Doo<br>on None Doo<br>Current<br>ream Health<br>Stream Health<br>am Health<br>Health<br>tream Health | h POOR Poor Fair N/A          |

