Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: PA_36-227 RUDY

Diadromous Tier 9

Brook Trout Tier N/A

Resident Tier 16

NID ID

State ID 36-227

River Name New Haven Run

Dam Height (ft) 15

Dam Type Earth

Latitude 40.1369

Longitude -76.278

Passage Facilities None Documented

Passage Year N/A

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

HUC 12 Lititz Run

HUC 10 Conestoga River

HUC 8 Lower Susquehanna
HUC 6 Lower Susquehanna

HUC 4 Susquehanna







| | Land | cover | |
|--|-------|--|-------|
| NLCD (2011) | | Chesapeake Conservancy (2016) | |
| % Impervious Surface in Upstream Drainage Area | 9.41 | % Tree Cover in ARA of Upstream Network | 46.04 |
| % Natural Cover in Upstream Drainage Area | 21.82 | % Tree Cover in ARA of Downstream Network | 26.39 |
| % Forested in Upstream Drainage Area | 18.58 | % Herbaceaous Cover in ARA of Upstream Network | 31.48 |
| % Agriculture in Upstream Drainage Area | 24.59 | % Herbaceaous Cover in ARA of Downstream Network | 56.96 |
| % Natural Cover in ARA of Upstream Network | 30.08 | % Barren Cover in ARA of Upstream Network | 0 |
| % Natural Cover in ARA of Downstream Network | 26.74 | % Barren Cover in ARA of Downstream Network | 1.04 |
| % Forest Cover in ARA of Upstream Network | 24.54 | % Road Impervious in ARA of Upstream Network | 4.84 |
| % Forest Cover in ARA of Downstream Network | 15.1 | % Road Impervious in ARA of Downstream Network | 1.89 |
| % Agricultral Cover in ARA of Upstream Network | 9.76 | % Other Impervious in ARA of Upstream Network | 16.6 |
| % Agricultral Cover in ARA of Downstream Network | 44.19 | % Other Impervious in ARA of Downstream Network | 9.06 |
| % Impervious Surf in ARA of Upstream Network | 8.94 | | |
| % Impervious Surf in ARA of Downstream Network | 7.34 | | |



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| Retwork, System Type and Condition Functional Upstream Network (mi) 0.71 Upstream Size Class Gain (#) Total Functional Network (mi) 28.05 # Downsteam Natural Barriers Absolute Gain (mi) 0.71 # Downstream Hydropower Dams # Size Classes in Total Network 3 # Downstream Barriers NFHAP Cumulative Disturbance Index Very High Dam is on Conserved Land Very High No **Conserved Land in 100m Buffer of Upstream Network 0 **Conserved Land in 100m Buffer of Downstream Network 0 Pensity of Crossings in Upstream Network Watershed (#/m2) 0.81 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 Density of off-channel dams in Downstream Network Watershed (#/m2) 0 Downstream Alewife Potential Current Downstream Striped Bass None Doc Downstream Allantic Sturgeon None Doc Downstream American Shad None Documented Downstream American Eel Current Presence of 1 or More Downstream Anadromous Species Potential Curre # Diadromous Species Downstream (incl eel) 1 Resident Fish Barrier is in EBTJV BKT Catchment (DeWeber) No MD MBSS Benthic IBI Stream Health Barrier Is in Modeled BKT Catchment (DeWeber) No MD MBSS Combined IBI Stream Health Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Combined IBI Stream Health Barrier Blocks a Modeled BKT Catchment (DeWeber) No MD MBSS Combined IBI Stream Health Barrier Isin (HUC8) 2 PA IBI Stream Health # Rare Fish (HUC8) 3 | |
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| # Rare Fish (HUC8) 2 PA IBI Stream Health | N/A |
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| # Rare Mussel (HUC8) 3 | Poor |
| | |
| # Rare Crayfish (HUC8) 0 | |

