Chesapeake Fish Passage Prioritization - Dam Fact Sheet

CFPPP Unique ID: VA_92 HOGANS MILL DAM

Bay-wide Diadromous Tier 9
Bay-wide Resident Tier 5

Bay-wide Brook Trout Tier N/A

NID ID VA15908

State ID 92

River Name Marshy Swamp

Dam Height (ft) 9

Dam Type Gravity
Latitude 37.9838

Longitude -76.6641

Passage Facilities None Documented

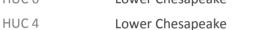
Passage Year N/A

Size Class 1b: Creek (3.861 - 38.61 sq mi)

HUC 12 Little Totuskey Creek

HUC 10 Totuskey Creek-Rappahannock

HUC 8 Lower Rappahannock
HUC 6 Lower Chesapeake









| Landcover | | | | | |
|--|-------|--|-------|--|--|
| NLCD (2011) | | Chesapeake Conservancy (2016) | | | |
| % Impervious Surface in Upstream Drainage Area | 0.47 | % Tree Cover in ARA of Upstream Network | 67.75 | | |
| % Natural Cover in Upstream Drainage Area | 37.69 | % Tree Cover in ARA of Downstream Network | 80.57 | | |
| % Forested in Upstream Drainage Area | 28.75 | % Herbaceaous Cover in ARA of Upstream Network | 30.48 | | |
| % Agriculture in Upstream Drainage Area | 57.14 | % Herbaceaous Cover in ARA of Downstream Network | 13.07 | | |
| % Natural Cover in ARA of Upstream Network | 63.37 | % Barren Cover in ARA of Upstream Network | 0 | | |
| % Natural Cover in ARA of Downstream Network | 84.69 | % Barren Cover in ARA of Downstream Network | 0 | | |
| % Forest Cover in ARA of Upstream Network | 40.78 | % Road Impervious in ARA of Upstream Network | 0.52 | | |
| % Forest Cover in ARA of Downstream Network | 56.41 | % Road Impervious in ARA of Downstream Network | 0.55 | | |
| % Agricultral Cover in ARA of Upstream Network | 34.34 | % Other Impervious in ARA of Upstream Network | 0.5 | | |
| % Agricultral Cover in ARA of Downstream Network | 13.54 | % Other Impervious in ARA of Downstream Network | 1.03 | | |
| % Impervious Surf in ARA of Upstream Network | 0.18 | | | | |
| % Impervious Surf in ARA of Downstream Network | 0.23 | | | | |
| | | | | | |



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| | Network, Syst | em Type | and Condition | | | |
|---|------------------------|-----------|---|-----------------|---------------|--|
| Functional Upstream Network (| (mi) 10.84 | | Upstream Size Class Gair | n (#) | 0 | |
| Total Functional Network (mi) 30.73 | | | # Downsteam Natural Barriers | | 0 | |
| Absolute Gain (mi) 10.84 | | | # Downstream Hydropower Dams | | 0 | |
| # Size Classes in Total Network | 2 | | # Downstream Dams wit | h Passage | 0 | |
| # Upstream Network Size Classe | es 2 | | # of Downstream Barrier | 'S | 1 | |
| NFHAP Cumulative Disturbance | e Index | | Not Scored / Un | available at tl | his scale | |
| Dam is on Conserved Land | | | No | | | |
| % Conserved Land in 100m Buff | < | 5.7 | | | | |
| % Conserved Land in 100m Buff | fer of Downstream Netw | ork 0 | | | | |
| Density of Crossings in Upstream | m Network Watershed (‡ | #/m2) | 0.32 | | | |
| Density of Crossings in Downstr | ream Network Watershe | 0.29 | | | | |
| Density of off-channel dams in | Upstream Network Wate | ershed (# | e/m2) 0 | | | |
| Density of off-channel dams in | Downstream Network W | /atershed | d (#/m2) 0 | | | |
| | Die | adromou | s Fieb | | | |
| Downstream Alewife | Historical | | Downstream Striped Bass None Documented | | | |
| Downstream Blueback Historical Downstream American Shad None Documented | | | Downstream Atlantic Sturgeon None Docu | | cumented | |
| | | | Downstream Shortnose Sturgeon None Documented | | | |
| | | | | | | |
| , | None Documented | | | | | |
| Presence of 1 or More Downstream Anadromous Spec | | | orical | | | |
| # Diadromous Species Downstr | ream (incl eel) | 1 | | | | |
| Resident Fish | | | Str | eam Health | | |
| Barrier is in EBTJV BKT Catchment Barrier is in Modeled BKT Catchment (DeWeber) | | lo | Chesapeake Bay Program Stream Health FAIF | | h FAIR | |
| | | lo | MD MBSS Benthic IBI Stre | am Health | N/A | |
| barrier is in wiodeled by Cattl | | | MD MBSS Fish IBI Stream Health | | | |
| Barrier Blocks an EBTJV Catchm | nent N | lo | MD MBSS Fish IBI Stream | Health | N/A | |
| | | | MD MBSS Fish IBI Stream MD MBSS Combined IBI St | | - | |
| Barrier Blocks an EBTJV Catchm | Catchment (DeWeber) N | lo | | ream Health | - | |
| Barrier Blocks an EBTJV Catchm Barrier Blocks a Modeled BKT C | Catchment (DeWeber) N | lo 8 | MD MBSS Combined IBI St | ream Health | N/A | |
| Barrier Blocks an EBTJV Catchm Barrier Blocks a Modeled BKT C Native Fish Species Richness (H | Catchment (DeWeber) N | lo 8 | MD MBSS Combined IBI St | ream Health | N/A High | |

