Chesapeake Fish Passage Prioritization - Dam Fact Sheet

| | Circsapean | C 1 1311 F d33 |
|--------------------|------------------|----------------|
| CFPPP Unique ID: | PA_67-046 | DIETZ MILL |
| Diadromous Tier | 6 | |
| Brook Trout Tier | N/A | |
| Resident Tier | 4 | |
| NID ID | | |
| State ID | 67-046 | |
| River Name | Kreutz Creek | |
| Dam Height (ft) | 5 | |
| Dam Type | Stone | |
| Latitude | 40.015 | |
| Longitude | -76.5483 | |
| Passage Facilities | None Documento | ed |
| Passage Year | N/A | |
| Size Class | 1b: Creek (3.861 | - 38.61 sq mi) |
| HUC 12 | Kreutz Creek | |
| HUC 10 | Susquehanna Riv | er |
| HUC 8 | Lower Susqueha | nna |
| HUC 6 | Lower Susqueha | nna |
| HUC 4 | Susquehanna | |



| | Land | cover | |
|--|-------|--|-------|
| NLCD (2011) | | Chesapeake Conservancy (2016) | |
| % Impervious Surface in Upstream Drainage Area | 6.76 | % Tree Cover in ARA of Upstream Network | 43.52 |
| % Natural Cover in Upstream Drainage Area | 29.54 | % Tree Cover in ARA of Downstream Network | 36.52 |
| % Forested in Upstream Drainage Area | 24.74 | % Herbaceaous Cover in ARA of Upstream Network | 45.82 |
| % Agriculture in Upstream Drainage Area | 40.59 | % Herbaceaous Cover in ARA of Downstream Network | 35.98 |
| % Natural Cover in ARA of Upstream Network | 36.17 | % Barren Cover in ARA of Upstream Network | 0.62 |
| % Natural Cover in ARA of Downstream Network | 54.86 | % Barren Cover in ARA of Downstream Network | 0.48 |
| % Forest Cover in ARA of Upstream Network | 31.29 | % Road Impervious in ARA of Upstream Network | 2.01 |
| % Forest Cover in ARA of Downstream Network | 25.9 | % Road Impervious in ARA of Downstream Network | 1.03 |
| % Agricultral Cover in ARA of Upstream Network | 34.63 | % Other Impervious in ARA of Upstream Network | 7.23 |
| % Agricultral Cover in ARA of Downstream Network | 27.04 | % Other Impervious in ARA of Downstream Network | 4.29 |
| % Impervious Surf in ARA of Upstream Network | 7.82 | | |
| % Impervious Surf in ARA of Downstream Network | 4.7 | | |



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CFPPP Unique ID: PA_67-046 DIETZ MILL

| Absolute Gain (mi) 54.53 # Downstream Hydropower Dams 3 # Size Classes in Total Network 5 # Downstream Dams with Passage 3 # Upstream Network Size Classes 2 # of Downstream Barriers 3 NFHAP Cumulative Disturbance Index Very High No 6 Conserved Land in 100m Buffer of Upstream Network 6 Conserved Land in 100m Buffer of Downstream Network 6 Conserved Land in 100m Buffer of Downstream Network 6 Conserved Land in 100m Buffer of Downstream Network 6 Conserved Land in 100m Buffer of Downstream Network 6 Conserved Land in 100m Buffer of Downstream Network 6 Conserved Land in 100m Buffer of Downstream Network 6 Conserved Land in 100m Buffer of Downstream Network 6 Conserved Land in 100m Buffer of Downstream Network 6 Conserved Land in 100m Buffer of Downstream Network 6 Conserved Land in 100m Buffer of Upstream Network 6 Conserved Land in 100m Buffer of Upstream Network 7 Consity of Crossings in Upstream Network Watershed (#/m2) 7 Density of Crossings in Upstream Network Watershed (#/m2) 8 Density of Off-channel dams in Upstream Network Watershed (#/m2) 8 Density of Off-channel dams in Downstream Network Watershed (#/m2) 9 Density of Off-channel dams in Downstream Network Watershed (#/m2) 9 Density of Off-channel dams in Downstream Network Watershed (#/m2) 10 Diadromous Fish 10 Downstream Allewife 11 Downstream Allewife 12 Pownstream American Sha 12 None Documented 13 Downstream American Sel 14 Downstream Health 15 Downstream Health 16 Downstream Health 17 Stream Health 18 Stream Health 18 Fair 18 Barrier is in Modeled BKT Catchment (DeWeber) 19 No MD MBSS Enthic IBI Stream Health 19 Fair 19 Barrier Blocks a Modeled BKT Catchment (DeWeber) 10 MD MBSS Combined IBI Stream Health 10 Fair 11 Barrier Bish (HUC8) 10 Al INSTAR mIBI Stream Health 10 Fair 11 Barrier Bish (HUC8) 10 Al INSTAR mIBI Stream Health 11 Fair 12 PA IBI Stream Health 13 PA IBI Stream Health 14 PA IBI Stream Health 15 PA IBI Stream Health 16 PA IBI Stream Health 17 PA IBI Stream Health 18 PA IBI St | | | | | | | |
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