Unnamed tributary

wa-0727-r-002

Sedimentation Risk Index

Florida

32

State:

4.6mi E of Mossy Head Common:

Gum Creek <u>GPS:</u> 30.760919817, 30.760919817 Grabers Excavating- DS, David and Dorene McDonald-<u>Drainage</u>: Land owner:

County: Walton

 \overline{PLSS} (T-R-S): 3N-20-16-28060 07.70170; 06.80700 Parcel No.: Road Name: Blue Ridge Blvd





Crossing Structure: DS

| Risk Factor | Ranking | Score |
|---------------------------------|----------------------------|-------|
| US Channel Morph | PONDED | 1 |
| DS Channel Morph | DA | 3 |
| DS Bank Alteration | HIGH | 1 |
| Upstream Skew Angle | <5° | 5 |
| Crossing fill condition | Poor/Bare soil | 1 |
| Inlet/Outlet Condition | Sed Islands/Scouring | 3 |
| Road Approach Material | All Sand/Clay | 3 |
| Potential Eroded Volume Mean | <21 y ³ | 5 |
| Approach Slope Mean | 2.1-4% | 3 |
| Soil K Factor | < 0.20 | 5 |
| Upstream Rt Outlet | Bare soil | 0 |
| Upstream Lt Outlet | Bare soil | 0 |
| Upstream Rt Ditch | Bare soil | 0 |
| Upstream Lt Ditch | Bare soil | 0 |
| Downstream Rt Outlet | Bare soil | 0 |
| Downstream Lt Outlet | Bare soil | 0 |
| Downstream Rt Ditch | Bare soil | 0 |
| Downstream Lt Ditch | Bare soil | 0 |
| Outlet Total | Unimproved Outlet System | 1 |
| Ditches Total | Unimproved Drainage System | 1 |
| , | | • |



| SRI Total | High Risk | 32 |
|-----------------------------|-------------|----|
| Additional Site Features | | |
| Crossing Type and Quantity: | Culvert, 1 | |
| Crossing Materials: | Metal | |
| Soil Types: | 17,18,33,35 | |
| Rt Approach Prism Fill: | 0.25in | |
| Lt Approach Prism Fill: | 0.25in | |

High Risk

| Feature | Within Range | Descriptive Field |
|-----------------------|-----------------|--|
| 303(d) | No | N/A |
| Wetland Species | Yes | 1-3 FOCAL SPECIES IN UPLAND AREAS |
| Rare and Imperiled | No | N/A |
| Land Use/ Cover | Yes | VACANT RESIDENTIAL/ UNIMPROVED PASTURES |
| Candidate Mussels | No | N/A |
| Sturgeon C.H. | No | N/A |

Notes: US culvert too high- all flow cannot reach its inlet.