## Unnamed tributary

## co-0904-r-005

Sedimentation Risk Index

Alabama

**34** 

6.9mi SE of Andalusia Common:

Drainage: Land owner: Yellow River <u>GPS:</u> 31.238533971, -86.399938336 Dixon Family -US, Rayonier Woodlands LLC -DS

County: Covington  $\overline{PLSS}$  (T-R-S): 3N-16E-12

| Parcel No.: | 4; 5           |
|-------------|----------------|
| Road Name:  | Willy Moore Rd |





Crossing Structure: DS

| Risk Factor                     | Ranking                    | Score |
|---------------------------------|----------------------------|-------|
| US Channel Morph                | WETLAND                    | 5     |
| DS Channel Morph                | С                          | 5     |
| 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<br>Material       | All Sand/Clay              | 3     |
| Potential Eroded<br>Volume Mean | <21 y <sup>3</sup>         | 5     |
| Approach Slope Mean             | >4%                        | 1     |
| Soil K Factor                   | 0.21-0.40                  | 3     |
| 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                  | 34    |



| Outtet Total  | Ommproved Oddet System         |    | l                     |
|---|--------------------------------|----|-----------------------|
| Ditches Total   | Unimproved Drainage System     | 1  | Rare and<br>Imperiled |
| SRI Total   | High Risk                      | 34 | imperneu              |
| Additional Site Features                                    |                                |    | Land Use/<br>Cover    |
| Crossing Type and Quantity Crossing Materials:              | Metal                          |    | Candidate<br>Mussels  |
| Soil Types: Rt Approach Prism Fill: Lt Approach Prism Fill: | CdB,CdC,DmB<br>0.4in<br>0.25in |    | Sturgeon<br>C.H.      |

| Feature               | Within<br>Range | Descriptive Field            |
|-----------------------|-----------------|------------------------------|
| 303(d)                | No              | N/A                          |
| Wetland<br>Species    | No              | N/A                          |
| Rare and<br>Imperiled | No              | N/A                          |
| Land Use/<br>Cover    | Yes             | N/A/<br>DEVELOPED OPEN SPACE |
| Candidate<br>Mussels  | No              | N/A                          |
| Sturgeon<br>C.H.      | No              | N/A                          |

Notes: High bare sediment fill over culvert.