




| Unnamed tributary | | co-0820-r-010 | Sedimentation Risk Index 32 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|----------------------------|--|---------------------------------------|---------|------------------|-------------------|--------|------------------|-----|-----------------|--------------------|------|--------------------|---------------------|------|----------------|-------------------------|------------------------------|-------------------|------------------------|----------------------|---------------|------------------------|---------------|---|------------------------------|--------------------|---|---------------------|-----|---|---------------|-------|---|--------------------|-----------|---|--------------------|-----------|---|-------------------|-----------|---|-------------------|-----------|---|----------------------|-----------|---|----------------------|-----------|---|---------------------|-----------|---|---------------------|-----------|---|--------------|--------------------------|---|---------------|----------------------------|---|------------------|------------------|-----------|---|--|
| <u>Common:</u> 7.9mi N of Florala <u>Drainage:</u> Beaver Creek <u>GPS:</u> 31.119467511, -86.316219563 <u>Land owner:</u> JoAnn Greene | | <u>County:</u> Covington <u>State:</u> Alabama <u>PLSS (T-R-S):</u> 2N-17E-23 <u>Parcel No.:</u> 7.01 <u>Road Name:</u> Tram Rd | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Crossing Structure: US | | US | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Risk Factor</th> <th>Ranking</th> <th>Score</th> </tr> </thead> <tbody> <tr><td>US Channel Morph</td><td>WETLAND</td><td>5</td></tr> <tr><td>DS Channel Morph</td><td>C</td><td>5</td></tr> <tr><td>DS Bank Alteration</td><td>HIGH</td><td>1</td></tr> <tr><td>Upstream Skew Angle</td><td>>30°</td><td>1</td></tr> <tr><td>Crossing fill condition</td><td>Poor/Bare soil</td><td>1</td></tr> <tr><td>Inlet/Outlet Condition</td><td>Sed Islands/Scouring</td><td>3</td></tr> <tr><td>Road Approach Material</td><td>All Sand/Clay</td><td>3</td></tr> <tr><td>Potential Eroded Volume Mean</td><td>>40 y³</td><td>1</td></tr> <tr><td>Approach Slope Mean</td><td><2%</td><td>5</td></tr> <tr><td>Soil K Factor</td><td><0.20</td><td>5</td></tr> <tr><td>Upstream Rt Outlet</td><td>Bare soil</td><td>0</td></tr> <tr><td>Upstream Lt Outlet</td><td>Bare soil</td><td>0</td></tr> <tr><td>Upstream Rt Ditch</td><td>Bare soil</td><td>0</td></tr> <tr><td>Upstream Lt Ditch</td><td>Bare soil</td><td>0</td></tr> <tr><td>Downstream Rt Outlet</td><td>Bare soil</td><td>0</td></tr> <tr><td>Downstream Lt Outlet</td><td>Bare soil</td><td>0</td></tr> <tr><td>Downstream Rt Ditch</td><td>Bare soil</td><td>0</td></tr> <tr><td>Downstream Lt Ditch</td><td>Bare soil</td><td>0</td></tr> <tr><td>Outlet Total</td><td>Unimproved Outlet System</td><td>1</td></tr> <tr><td>Ditches Total</td><td>Unimproved Drainage System</td><td>1</td></tr> <tr><td>SRI Total</td><td>High Risk</td><td>32</td></tr> </tbody> </table> | | Risk Factor | Ranking | Score | US Channel Morph | WETLAND | 5 | DS Channel Morph | C | 5 | DS Bank Alteration | HIGH | 1 | Upstream Skew Angle | >30° | 1 | 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 | >40 y ³ | 1 | Approach Slope Mean | <2% | 5 | 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 |  | |
| Risk Factor | Ranking | Score | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| US Channel Morph | WETLAND | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DS Channel Morph | C | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DS Bank Alteration | HIGH | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Upstream Skew Angle | >30° | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | >40 y ³ | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Approach Slope Mean | <2% | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 <u>Crossing Type and Quantity:</u> Culvert, 1 <u>Crossing Materials:</u> Metal <u>Soil Types:</u> BoB,DMB,FoA,MBA <u>Rt Approach Prism Fill:</u> 1.0in <u>Lt Approach Prism Fill:</u> 0.75in | | <table border="1"> <thead> <tr> <th>Feature</th> <th>Within Range</th> <th>Descriptive Field</th> </tr> </thead> <tbody> <tr><td>303(d)</td><td>No</td><td>N/A</td></tr> <tr><td>Wetland Species</td><td>No</td><td>N/A</td></tr> <tr><td>Rare and Imperiled</td><td>No</td><td>N/A</td></tr> <tr><td>Land Use/Cover</td><td>Yes</td><td>N/A/ DEVELOPED OPEN SPACE</td></tr> <tr><td>Candidate Mussels</td><td>No</td><td>N/A</td></tr> <tr><td>Sturgeon C.H.</td><td>No</td><td>N/A</td></tr> </tbody> </table> | | Feature | Within Range | Descriptive Field | 303(d) | No | N/A | Wetland Species | No | N/A | Rare and Imperiled | No | N/A | Land Use/Cover | Yes | N/A/ DEVELOPED OPEN SPACE | Candidate Mussels | No | N/A | Sturgeon C.H. | No | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Feature | Within Range | Descriptive Field | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 303(d) | No | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wetland Species | No | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rare and Imperiled | No | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Land Use/Cover | Yes | N/A/ DEVELOPED OPEN SPACE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Candidate Mussels | No | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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Notes: None.