

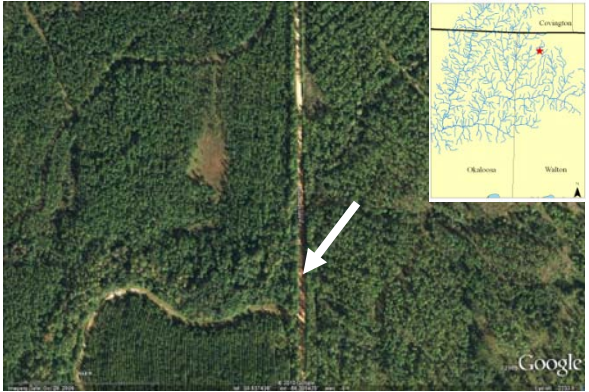


| East Branch  |                            | wa-0626-r-001   | Sedimentation Risk Index<br><b>46</b> |         |                  |                   |        |                  |     |                 |                    |      |                    |                     |     |                |                         |  |                   |                        |               |               |                        |               |   |                              |                    |   |                     |     |   |               |       |   |                    |           |   |                    |           |   |                   |           |   |                   |           |   |                      |           |   |                      |           |   |                     |           |   |                     |           |   |              |                        |   |               |                            |   |                  |                 |           |   |  |
|--|----------------------------|---|---------------------------------------|---------|------------------|-------------------|--------|------------------|-----|-----------------|--------------------|------|--------------------|---------------------|-----|----------------|-------------------------|--|-------------------|------------------------|---------------|---------------|------------------------|---------------|---|------------------------------|--------------------|---|---------------------|-----|---|---------------|-------|---|--------------------|-----------|---|--------------------|-----------|---|-------------------|-----------|---|-------------------|-----------|---|----------------------|-----------|---|----------------------|-----------|---|---------------------|-----------|---|---------------------|-----------|---|--------------|------------------------|---|---------------|----------------------------|---|------------------|-----------------|-----------|---|--|
| <u>Common:</u> 4.8mi SE of Florala<br><u>Drainage:</u> Pine Log Creek <u>GPS:</u> 30.937011, -86.305311<br><u>Land owner:</u> Joseph Mary Jo Smith et al- US, Big Sky Inc-DS   |                            | <u>County:</u> Walton <u>State:</u> Florida<br><u>PLSS(T-R-S):</u> 5N-21-13/14<br><u>Parcel No.:</u> 2; 1<br><u>Road Name:</u> Bear Bay Road  |                                       |         |                  |                   |        |                  |     |                 |                    |      |                    |                     |     |                |                         |  |                   |                        |               |               |                        |               |   |                              |                    |   |                     |     |   |               |       |   |                    |           |   |                    |           |   |                   |           |   |                   |           |   |                      |           |   |                      |           |   |                     |           |   |                     |           |   |              |                        |   |               |                            |   |                  |                 |           |   |  |
|   |                            |   |                                       |         |                  |                   |        |                  |     |                 |                    |      |                    |                     |     |                |                         |  |                   |                        |               |               |                        |               |   |                              |                    |   |                     |     |   |               |       |   |                    |           |   |                    |           |   |                   |           |   |                   |           |   |                      |           |   |                      |           |   |                     |           |   |                     |           |   |              |                        |   |               |                            |   |                  |                 |           |   |  |
| Crossing Structure: US   |                            | DS  |                                       |         |                  |                   |        |                  |     |                 |                    |      |                    |                     |     |                |                         |  |                   |                        |               |               |                        |               |   |                              |                    |   |                     |     |   |               |       |   |                    |           |   |                    |           |   |                   |           |   |                   |           |   |                      |           |   |                      |           |   |                     |           |   |                     |           |   |              |                        |   |               |                            |   |                  |                 |           |   |  |
| <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>DA</td><td>3</td></tr> <tr><td>DS Bank Alteration</td><td>HIGH</td><td>1</td></tr> <tr><td>Upstream Skew Angle</td><td>&lt;5°</td><td>5</td></tr> <tr><td>Crossing fill condition</td><td>Fair/Rip Rap</td><td>3</td></tr> <tr><td>Inlet/Outlet Condition</td><td>No Impairment</td><td>5</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>&lt;21 y<sup>3</sup></td><td>5</td></tr> <tr><td>Approach Slope Mean</td><td>&lt;2%</td><td>5</td></tr> <tr><td>Soil K Factor</td><td>&lt;0.20</td><td>5</td></tr> <tr><td>Upstream Rt Outlet</td><td>Vegetated</td><td>1</td></tr> <tr><td>Upstream Lt Outlet</td><td>Vegetated</td><td>1</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>Vegetated</td><td>1</td></tr> <tr><td>Downstream Lt Outlet</td><td>Vegetated</td><td>1</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>Improved Outlet System</td><td>5</td></tr> <tr><td>Ditches Total</td><td>Unimproved Drainage System</td><td>1</td></tr> <tr><td><b>SRI Total</b></td><td><b>Low Risk</b></td><td><b>42</b></td></tr> </tbody> </table> |                            | Risk Factor   | Ranking                               | Score   | US Channel Morph | WETLAND           | 5      | DS Channel Morph | DA  | 3               | DS Bank Alteration | HIGH | 1                  | Upstream Skew Angle | <5° | 5              | Crossing fill condition | Fair/Rip Rap   | 3                 | Inlet/Outlet Condition | No Impairment | 5             | Road Approach Material | All Sand/Clay | 3 | Potential Eroded Volume Mean | <21 y <sup>3</sup> | 5 | Approach Slope Mean | <2% | 5 | Soil K Factor | <0.20 | 5 | Upstream Rt Outlet | Vegetated | 1 | Upstream Lt Outlet | Vegetated | 1 | Upstream Rt Ditch | Bare soil | 0 | Upstream Lt Ditch | Bare soil | 0 | Downstream Rt Outlet | Vegetated | 1 | Downstream Lt Outlet | Vegetated | 1 | Downstream Rt Ditch | Bare soil | 0 | Downstream Lt Ditch | Bare soil | 0 | Outlet Total | Improved Outlet System | 5 | Ditches Total | Unimproved Drainage System | 1 | <b>SRI Total</b> | <b>Low Risk</b> | <b>42</b> |  |  |
| Risk Factor  | Ranking                    | Score   |                                       |         |                  |                   |        |                  |     |                 |                    |      |                    |                     |     |                |                         |  |                   |                        |               |               |                        |               |   |                              |                    |   |                     |     |   |               |       |   |                    |           |   |                    |           |   |                   |           |   |                   |           |   |                      |           |   |                      |           |   |                     |           |   |                     |           |   |              |                        |   |               |                            |   |                  |                 |           |   |  |
| US Channel Morph   | WETLAND                    | 5   |                                       |         |                  |                   |        |                  |     |                 |                    |      |                    |                     |     |                |                         |  |                   |                        |               |               |                        |               |   |                              |                    |   |                     |     |   |               |       |   |                    |           |   |                    |           |   |                   |           |   |                   |           |   |                      |           |   |                      |           |   |                     |           |   |                     |           |   |              |                        |   |               |                            |   |                  |                 |           |   |  |
| DS Channel Morph   | DA                         | 3   |                                       |         |                  |                   |        |                  |     |                 |                    |      |                    |                     |     |                |                         |  |                   |                        |               |               |                        |               |   |                              |                    |   |                     |     |   |               |       |   |                    |           |   |                    |           |   |                   |           |   |                   |           |   |                      |           |   |                      |           |   |                     |           |   |                     |           |   |              |                        |   |               |                            |   |                  |                 |           |   |  |
| DS Bank Alteration   | HIGH                       | 1   |                                       |         |                  |                   |        |                  |     |                 |                    |      |                    |                     |     |                |                         |  |                   |                        |               |               |                        |               |   |                              |                    |   |                     |     |   |               |       |   |                    |           |   |                    |           |   |                   |           |   |                   |           |   |                      |           |   |                      |           |   |                     |           |   |                     |           |   |              |                        |   |               |                            |   |                  |                 |           |   |  |
| Upstream Skew Angle  | <5°                        | 5   |                                       |         |                  |                   |        |                  |     |                 |                    |      |                    |                     |     |                |                         |  |                   |                        |               |               |                        |               |   |                              |                    |   |                     |     |   |               |       |   |                    |           |   |                    |           |   |                   |           |   |                   |           |   |                      |           |   |                      |           |   |                     |           |   |                     |           |   |              |                        |   |               |                            |   |                  |                 |           |   |  |
| Crossing fill condition  | Fair/Rip Rap               | 3   |                                       |         |                  |                   |        |                  |     |                 |                    |      |                    |                     |     |                |                         |  |                   |                        |               |               |                        |               |   |                              |                    |   |                     |     |   |               |       |   |                    |           |   |                    |           |   |                   |           |   |                   |           |   |                      |           |   |                      |           |   |                     |           |   |                     |           |   |              |                        |   |               |                            |   |                  |                 |           |   |  |
| Inlet/Outlet Condition   | No Impairment              | 5   |                                       |         |                  |                   |        |                  |     |                 |                    |      |                    |                     |     |                |                         |  |                   |                        |               |               |                        |               |   |                              |                    |   |                     |     |   |               |       |   |                    |           |   |                    |           |   |                   |           |   |                   |           |   |                      |           |   |                      |           |   |                     |           |   |                     |           |   |              |                        |   |               |                            |   |                  |                 |           |   |  |
| Road Approach Material   | All Sand/Clay              | 3   |                                       |         |                  |                   |        |                  |     |                 |                    |      |                    |                     |     |                |                         |  |                   |                        |               |               |                        |               |   |                              |                    |   |                     |     |   |               |       |   |                    |           |   |                    |           |   |                   |           |   |                   |           |   |                      |           |   |                      |           |   |                     |           |   |                     |           |   |              |                        |   |               |                            |   |                  |                 |           |   |  |
| Potential Eroded Volume Mean   | <21 y <sup>3</sup>         | 5   |                                       |         |                  |                   |        |                  |     |                 |                    |      |                    |                     |     |                |                         |  |                   |                        |               |               |                        |               |   |                              |                    |   |                     |     |   |               |       |   |                    |           |   |                    |           |   |                   |           |   |                   |           |   |                      |           |   |                      |           |   |                     |           |   |                     |           |   |              |                        |   |               |                            |   |                  |                 |           |   |  |
| Approach Slope Mean  | <2%                        | 5   |                                       |         |                  |                   |        |                  |     |                 |                    |      |                    |                     |     |                |                         |  |                   |                        |               |               |                        |               |   |                              |                    |   |                     |     |   |               |       |   |                    |           |   |                    |           |   |                   |           |   |                   |           |   |                      |           |   |                      |           |   |                     |           |   |                     |           |   |              |                        |   |               |                            |   |                  |                 |           |   |  |
| Soil K Factor  | <0.20                      | 5   |                                       |         |                  |                   |        |                  |     |                 |                    |      |                    |                     |     |                |                         |  |                   |                        |               |               |                        |               |   |                              |                    |   |                     |     |   |               |       |   |                    |           |   |                    |           |   |                   |           |   |                   |           |   |                      |           |   |                      |           |   |                     |           |   |                     |           |   |              |                        |   |               |                            |   |                  |                 |           |   |  |
| Upstream Rt Outlet   | Vegetated                  | 1   |                                       |         |                  |                   |        |                  |     |                 |                    |      |                    |                     |     |                |                         |  |                   |                        |               |               |                        |               |   |                              |                    |   |                     |     |   |               |       |   |                    |           |   |                    |           |   |                   |           |   |                   |           |   |                      |           |   |                      |           |   |                     |           |   |                     |           |   |              |                        |   |               |                            |   |                  |                 |           |   |  |
| Upstream Lt Outlet   | Vegetated                  | 1   |                                       |         |                  |                   |        |                  |     |                 |                    |      |                    |                     |     |                |                         |  |                   |                        |               |               |                        |               |   |                              |                    |   |                     |     |   |               |       |   |                    |           |   |                    |           |   |                   |           |   |                   |           |   |                      |           |   |                      |           |   |                     |           |   |                     |           |   |              |                        |   |               |                            |   |                  |                 |           |   |  |
| Upstream Rt Ditch  | Bare soil                  | 0   |                                       |         |                  |                   |        |                  |     |                 |                    |      |                    |                     |     |                |                         |  |                   |                        |               |               |                        |               |   |                              |                    |   |                     |     |   |               |       |   |                    |           |   |                    |           |   |                   |           |   |                   |           |   |                      |           |   |                      |           |   |                     |           |   |                     |           |   |              |                        |   |               |                            |   |                  |                 |           |   |  |
| Upstream Lt Ditch  | Bare soil                  | 0   |                                       |         |                  |                   |        |                  |     |                 |                    |      |                    |                     |     |                |                         |  |                   |                        |               |               |                        |               |   |                              |                    |   |                     |     |   |               |       |   |                    |           |   |                    |           |   |                   |           |   |                   |           |   |                      |           |   |                      |           |   |                     |           |   |                     |           |   |              |                        |   |               |                            |   |                  |                 |           |   |  |
| Downstream Rt Outlet   | Vegetated                  | 1   |                                       |         |                  |                   |        |                  |     |                 |                    |      |                    |                     |     |                |                         |  |                   |                        |               |               |                        |               |   |                              |                    |   |                     |     |   |               |       |   |                    |           |   |                    |           |   |                   |           |   |                   |           |   |                      |           |   |                      |           |   |                     |           |   |                     |           |   |              |                        |   |               |                            |   |                  |                 |           |   |  |
| Downstream Lt Outlet   | Vegetated                  | 1   |                                       |         |                  |                   |        |                  |     |                 |                    |      |                    |                     |     |                |                         |  |                   |                        |               |               |                        |               |   |                              |                    |   |                     |     |   |               |       |   |                    |           |   |                    |           |   |                   |           |   |                   |           |   |                      |           |   |                      |           |   |                     |           |   |                     |           |   |              |                        |   |               |                            |   |                  |                 |           |   |  |
| Downstream Rt Ditch  | Bare soil                  | 0   |                                       |         |                  |                   |        |                  |     |                 |                    |      |                    |                     |     |                |                         |  |                   |                        |               |               |                        |               |   |                              |                    |   |                     |     |   |               |       |   |                    |           |   |                    |           |   |                   |           |   |                   |           |   |                      |           |   |                      |           |   |                     |           |   |                     |           |   |              |                        |   |               |                            |   |                  |                 |           |   |  |
| Downstream Lt Ditch  | Bare soil                  | 0   |                                       |         |                  |                   |        |                  |     |                 |                    |      |                    |                     |     |                |                         |  |                   |                        |               |               |                        |               |   |                              |                    |   |                     |     |   |               |       |   |                    |           |   |                    |           |   |                   |           |   |                   |           |   |                      |           |   |                      |           |   |                     |           |   |                     |           |   |              |                        |   |               |                            |   |                  |                 |           |   |  |
| Outlet Total   | Improved Outlet System     | 5   |                                       |         |                  |                   |        |                  |     |                 |                    |      |                    |                     |     |                |                         |  |                   |                        |               |               |                        |               |   |                              |                    |   |                     |     |   |               |       |   |                    |           |   |                    |           |   |                   |           |   |                   |           |   |                      |           |   |                      |           |   |                     |           |   |                     |           |   |              |                        |   |               |                            |   |                  |                 |           |   |  |
| Ditches Total  | Unimproved Drainage System | 1   |                                       |         |                  |                   |        |                  |     |                 |                    |      |                    |                     |     |                |                         |  |                   |                        |               |               |                        |               |   |                              |                    |   |                     |     |   |               |       |   |                    |           |   |                    |           |   |                   |           |   |                   |           |   |                      |           |   |                      |           |   |                     |           |   |                     |           |   |              |                        |   |               |                            |   |                  |                 |           |   |  |
| <b>SRI Total</b>   | <b>Low Risk</b>            | <b>42</b>   |                                       |         |                  |                   |        |                  |     |                 |                    |      |                    |                     |     |                |                         |  |                   |                        |               |               |                        |               |   |                              |                    |   |                     |     |   |               |       |   |                    |           |   |                    |           |   |                   |           |   |                   |           |   |                      |           |   |                      |           |   |                     |           |   |                     |           |   |              |                        |   |               |                            |   |                  |                 |           |   |  |
| <b>Additional Site Features</b><br><u>Crossing Type and Quantity:</u> Culvert, 3<br><u>Crossing Materials:</u> Metal<br><u>Soil Types:</u> 13,14,15,20,31,35,69<br><u>Rt Approach Prism Fill:</u> 0.25in<br><u>Lt Approach Prism Fill:</u> 0.25in  |                            | <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>PARCELS WITH NO VALUES/<br/>WETLAND FORESTED MIX,<br/>CONIFEROUS PLANTATIONS</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                     | PARCELS WITH NO VALUES/<br>WETLAND FORESTED MIX,<br>CONIFEROUS PLANTATIONS | 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                        | PARCELS WITH NO VALUES/<br>WETLAND FORESTED MIX,<br>CONIFEROUS PLANTATIONS  |                                       |         |                  |                   |        |                  |     |                 |                    |      |                    |                     |     |                |                         |  |                   |                        |               |               |                        |               |   |                              |                    |   |                     |     |   |               |       |   |                    |           |   |                    |           |   |                   |           |   |                   |           |   |                      |           |   |                      |           |   |                     |           |   |                     |           |   |              |                        |   |               |                            |   |                  |                 |           |   |  |
| Candidate Mussels  | No                         | N/A   |                                       |         |                  |                   |        |                  |     |                 |                    |      |                    |                     |     |                |                         |  |                   |                        |               |               |                        |               |   |                              |                    |   |                     |     |   |               |       |   |                    |           |   |                    |           |   |                   |           |   |                   |           |   |                      |           |   |                      |           |   |                     |           |   |                     |           |   |              |                        |   |               |                            |   |                  |                 |           |   |  |
| Sturgeon C.H.  | No                         | N/A   |                                       |         |                  |                   |        |                  |     |                 |                    |      |                    |                     |     |                |                         |  |                   |                        |               |               |                        |               |   |                              |                    |   |                     |     |   |               |       |   |                    |           |   |                    |           |   |                   |           |   |                   |           |   |                      |           |   |                      |           |   |                     |           |   |                     |           |   |              |                        |   |               |                            |   |                  |                 |           |   |  |

Notes: None