




| Horsehead Creek   |                                       | ok-0528-r-004  | Sedimentation Risk Index<br><b>44</b> |
|---|---------------------------------------|--|---------------------------------------|
| <u>Common:</u>  | 2.9mi SE of Laurel Hill               |  | <u>County:</u> Okaloosa               |
| <u>Drainage:</u>  | Pond Creek                            | <u>GPS:</u> 30.927819, -86.436811  | <u>State:</u> Florida                 |
| <u>Land owner:</u>  | Robert Babcock                        |  | <u>PLSS(T-R-S):</u> 5N-22-15          |
|   |                                       |  | <u>Parcel No.:</u> 9                  |
|   |                                       |  | <u>Road Name:</u> Millside Rd         |
|    |                                       |  |                                       |
| Crossing Structure: DS  |                                       | US   |                                       |
| <b>Risk Factor</b>  | <b>Ranking</b>                        | <b>Score</b>   |                                       |
| US Channel Morph  | C                                     | 5  |                                       |
| DS Channel Morph  | C                                     | 5  |                                       |
| DS Bank Alteration  | MINOR/PARTIAL                         | 3  |                                       |
| 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  | >40 y <sup>3</sup>                    | 1  |                                       |
| Approach Slope Mean   | <2%                                   | 5  |                                       |
| Soil K Factor   | <0.20                                 | 5  |                                       |
| Upstream Rt Outlet  | Concrete                              | 0  |                                       |
| Upstream Lt Outlet  | Rip Rap                               | 1  |                                       |
| Upstream Rt Ditch   | Concrete                              | 0  |                                       |
| Upstream Lt Ditch   | Bare soil                             | 0  |                                       |
| Downstream Rt Outlet  | Rip Rap                               | 1  |                                       |
| Downstream Lt Outlet  | Bare soil                             | 0  |                                       |
| Downstream Rt Ditch   | Bare soil                             | 0  |                                       |
| Downstream Lt Ditch   | Bare soil                             | 0  |                                       |
| Outlet Total  | Partially Improved Outlet System      | 3  |                                       |
| Ditches Total   | Unimproved Drainage System            | 1  |                                       |
| <b>SRI Total</b>  | <b>Medium Risk</b>                    | <b>44</b>  |                                       |
|  |                                       |  |                                       |
| <b>Additional Site Features</b>   |                                       |  |                                       |
| <u>Crossing Type and Quantity:</u>  | Bridge, 1                             |  |                                       |
| <u>Crossing Materials:</u>  | Wood                                  |  |                                       |
| <u>Soil Types:</u>  | 4,13,16,23,36,40,41,45,44,45,46,49,50 |  |                                       |
| <u>Rt Approach Prism Fill:</u>  | 0.5in                                 |  |                                       |
| <u>Lt Approach Prism Fill:</u>  | 1.0in                                 |  |                                       |
| <b>Feature</b>  | <b>Within Range</b>                   | <b>Descriptive Field</b>   |                                       |
| 303(d)  | No                                    | N/A  |                                       |
| Wetland Species   | No                                    | N/A  |                                       |
| Rare and Imperiled  | No                                    | N/A  |                                       |
| Land Use/Cover  | Yes                                   | AGRICULTURAL/<br>WETLAND FORESTED MIX  |                                       |
| Candidate Mussels   | No                                    | N/A  |                                       |
| Sturgeon C.H.   | No                                    | N/A  |                                       |

Notes: Appears to be sediment loading from US? Source unknown