




Indigo Creek		ok-0429-r-002	Sedimentation Risk Index <b>36</b>																																																																																							
<u>Common:</u> 4.1mi E of Holt <u>Drainage:</u> Yellow River <u>GPS:</u> 30.729581195, -86.677171871 <u>Land owner:</u> Dorothy Kennedy		<u>County:</u> Okaloosa <u>State:</u> Florida <u>PLSS(T-R-S):</u> 3N-24-30 <u>Parcel No.:</u> 6 <u>Road Name:</u> Gilmore Rd																																																																																								
																																																																																										
<p>Crossing Structure: US</p> <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>BEAVER DAM</td><td>3</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>5-30°</td><td>3</td></tr> <tr><td>Crossing fill condition</td><td>Fair/Rip Rap</td><td>3</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>&lt;21 y<sup>3</sup></td><td>5</td></tr> <tr><td>Approach Slope Mean</td><td>2.1-4%</td><td>3</td></tr> <tr><td>Soil K Factor</td><td>0.21-0.40</td><td>3</td></tr> <tr><td>Upstream Rt Outlet</td><td>Rip Rap</td><td>1</td></tr> <tr><td>Upstream Lt Outlet</td><td>Rip Rap</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>Rip Rap</td><td>1</td></tr> <tr><td>Downstream Lt Outlet</td><td>Rip Rap</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>High Risk</b></td><td><b>36</b></td></tr> </tbody> </table>		Risk Factor	Ranking	Score	US Channel Morph	BEAVER DAM	3	DS Channel Morph	DA	3	DS Bank Alteration	HIGH	1	Upstream Skew Angle	5-30°	3	Crossing fill condition	Fair/Rip Rap	3	Inlet/Outlet Condition	Sed Islands/Scouring	3	Road Approach Material	All Sand/Clay	3	Potential Eroded Volume Mean	<21 y <sup>3</sup>	5	Approach Slope Mean	2.1-4%	3	Soil K Factor	0.21-0.40	3	Upstream Rt Outlet	Rip Rap	1	Upstream Lt Outlet	Rip Rap	1	Upstream Rt Ditch	Bare soil	0	Upstream Lt Ditch	Bare soil	0	Downstream Rt Outlet	Rip Rap	1	Downstream Lt Outlet	Rip Rap	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>High Risk</b>	<b>36</b>	<p>DS</p>  <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/ FRESHWATER MARSHES</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/ FRESHWATER MARSHES	Candidate Mussels	No	N/A	Sturgeon C.H.	No	N/A
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<p><b>Additional Site Features</b></p> <p><u>Crossing Type and Quantity:</u> Culvert, 2</p> <p><u>Crossing Materials:</u> Metal</p> <p><u>Soil Types:</u> 12,13,23,24,25,34,36,37,43,49</p> <p><u>Rt Approach Prism Fill:</u> 0.25in</p> <p><u>Lt Approach Prism Fill:</u> 0.1in</p>																																																																																										

Notes: Turbidity curtain DS and silt fencing in place both US/DS. Failing BMPs.