




Unnamed tributary		ok-0429-r-012	Sedimentation Risk Index 26																																																																		
<u>Common:</u> 6.2mi SW of Laurel Hill <u>Drainage:</u> Murder Creek <u>GPS:</u> 30.894997, -86.535436 <u>Land owner:</u> Ralph & Carolyn Lunsford		<u>County:</u> Okaloosa <u>State:</u> Florida <u>PLSS(T-R-S):</u> 5N-23-34 <u>Parcel No.:</u> 2.002 <u>Road Name:</u> Jack Rd																																																																			
																																																																					
Crossing Structure: From Rt Approach		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>PONDED</td><td>1</td></tr> <tr><td>DS Channel Morph</td><td>WETLAND</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><5°</td><td>5</td></tr> <tr><td>Crossing fill condition</td><td>Poor/Bare soil</td><td>1</td></tr> <tr><td>Inlet/Outlet Condition</td><td>Blocked</td><td>1</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>>4%</td><td>1</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>26</td></tr> </tbody> </table>		Risk Factor	Ranking	Score	US Channel Morph	PONDED	1	DS Channel Morph	WETLAND	5	DS Bank Alteration	HIGH	1	Upstream Skew Angle	<5°	5	Crossing fill condition	Poor/Bare soil	1	Inlet/Outlet Condition	Blocked	1	Road Approach Material	All Sand/Clay	3	Potential Eroded Volume Mean	>40 y ³	1	Approach Slope Mean	>4%	1	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	26		
Risk Factor	Ranking	Score																																																																			
US Channel Morph	PONDED	1																																																																			
DS Channel Morph	WETLAND	5																																																																			
DS Bank Alteration	HIGH	1																																																																			
Upstream Skew Angle	<5°	5																																																																			
Crossing fill condition	Poor/Bare soil	1																																																																			
Inlet/Outlet Condition	Blocked	1																																																																			
Road Approach Material	All Sand/Clay	3																																																																			
Potential Eroded Volume Mean	>40 y ³	1																																																																			
Approach Slope Mean	>4%	1																																																																			
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	26																																																																			
Additional Site Features <u>Crossing Type and Quantity:</u> Culvert? <u>Crossing Materials:</u> Clay <u>Soil Types:</u> 12,23,36,39,40,42,43 <u>Rt Approach Prism Fill:</u> 2.0in <u>Lt Approach Prism Fill:</u> 1.5in		<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>Yes</td> <td>DISSOLVED OXYGEN, COLIFORMS</td> </tr> <tr> <td>Wetland Species</td> <td>No</td> <td>N/A</td> </tr> <tr> <td>Rare and Imperiled</td> <td>Yes</td> <td>BLACKTIP SHINER, IRONCOLOR SHINER</td> </tr> <tr> <td>Land Use/Cover</td> <td>Yes</td> <td>AGRICULTURAL/ FIELD CROPS</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)	Yes	DISSOLVED OXYGEN, COLIFORMS	Wetland Species	No	N/A	Rare and Imperiled	Yes	BLACKTIP SHINER, IRONCOLOR SHINER	Land Use/Cover	Yes	AGRICULTURAL/ FIELD CROPS	Candidate Mussels	No	N/A	Sturgeon C.H.	No	N/A																																													
Feature	Within Range	Descriptive Field																																																																			
303(d)	Yes	DISSOLVED OXYGEN, COLIFORMS																																																																			
Wetland Species	No	N/A																																																																			
Rare and Imperiled	Yes	BLACKTIP SHINER, IRONCOLOR SHINER																																																																			
Land Use/Cover	Yes	AGRICULTURAL/ FIELD CROPS																																																																			
Candidate Mussels	No	N/A																																																																			
Sturgeon C.H.	No	N/A																																																																			

Notes: Unknown crossing type- Flooded when accessed 2 different days.