

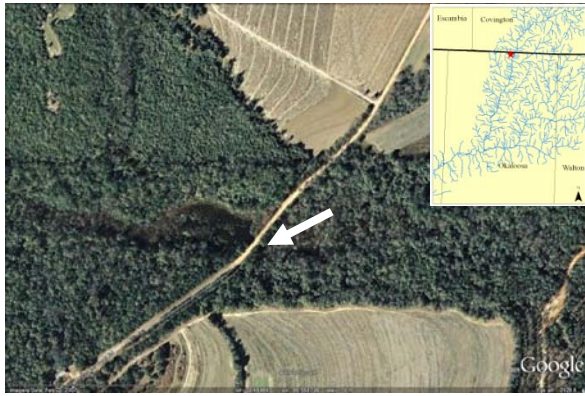


Moores Mill Creek		ok-0526-r-002	Sedimentation Risk Index 40																																																																		
<u>Common:</u> 6.1mi NW of Laurel Hill <u>Drainage:</u> Yellow River <u>GPS:</u> 30.989228, -86.559067 <u>Land owner:</u> J.D. Hughes Jr.		<u>County:</u> Okaloosa <u>State:</u> Florida <u>PLSS(T-R-S):</u> 6N-23-29 <u>Parcel No.:</u> 5 <u>Road Name:</u> Moores Mill Creek Rd																																																																			
																																																																					
Crossing Structure: DS		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>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>Good/Vegetated</td><td>5</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 Aggregate</td><td>5</td></tr> <tr><td>Potential Eroded Volume Mean</td><td><21 y³</td><td>5</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>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>Synthetic</td><td>1</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>Partially Improved Drainage System</td><td>3</td></tr> <tr><td>SRI Total</td><td>Medium Risk</td><td>40</td></tr> </tbody> </table>		Risk Factor	Ranking	Score	US Channel Morph	PONDED	1	DS Channel Morph	DA	3	DS Bank Alteration	HIGH	1	Upstream Skew Angle	5-30°	3	Crossing fill condition	Good/Vegetated	5	Inlet/Outlet Condition	Sed Islands/Scouring	3	Road Approach Material	All Aggregate	5	Potential Eroded Volume Mean	<21 y ³	5	Approach Slope Mean	>4%	1	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	Synthetic	1	Downstream Lt Ditch	Bare soil	0	Outlet Total	Improved Outlet System	5	Ditches Total	Partially Improved Drainage System	3	SRI Total	Medium Risk	40		
Risk Factor	Ranking	Score																																																																			
US Channel Morph	PONDED	1																																																																			
DS Channel Morph	DA	3																																																																			
DS Bank Alteration	HIGH	1																																																																			
Upstream Skew Angle	5-30°	3																																																																			
Crossing fill condition	Good/Vegetated	5																																																																			
Inlet/Outlet Condition	Sed Islands/Scouring	3																																																																			
Road Approach Material	All Aggregate	5																																																																			
Potential Eroded Volume Mean	<21 y ³	5																																																																			
Approach Slope Mean	>4%	1																																																																			
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	Synthetic	1																																																																			
Downstream Lt Ditch	Bare soil	0																																																																			
Outlet Total	Improved Outlet System	5																																																																			
Ditches Total	Partially Improved Drainage System	3																																																																			
SRI Total	Medium Risk	40																																																																			
Additional Site Features <u>Crossing Type and Quantity:</u> Culvert, 2 <u>Crossing Materials:</u> Metal <u>Soil Types:</u> 13,16,23,24,43,45,46,49,51,55 <u>Rt Approach Prism Fill:</u> 0.5in <u>Lt Approach Prism Fill:</u> 0.5in		<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>COLIFORMS, TURBIDITY, MERCURY</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>BLUENOSE SHINER, ALABAMA SHAD, ALLIGATOR GAR, GULF STURGEON, SPECKLED CHUB, IRONCOLOR SHINER, SPOTTED BULLHEAD, SPECKLED DARTER</td> </tr> <tr> <td>Land Use/Cover</td> <td>Yes</td> <td>AGRICULTURAL / WETLAND FORESTED MIX</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	COLIFORMS, TURBIDITY, MERCURY	Wetland Species	No	N/A	Rare and Imperiled	Yes	BLUENOSE SHINER, ALABAMA SHAD, ALLIGATOR GAR, GULF STURGEON, SPECKLED CHUB, IRONCOLOR SHINER, SPOTTED BULLHEAD, SPECKLED DARTER	Land Use/Cover	Yes	AGRICULTURAL / WETLAND FORESTED MIX	Candidate Mussels	No	N/A	Sturgeon C.H.	No	N/A																																													
Feature	Within Range	Descriptive Field																																																																			
303(d)	Yes	COLIFORMS, TURBIDITY, MERCURY																																																																			
Wetland Species	No	N/A																																																																			
Rare and Imperiled	Yes	BLUENOSE SHINER, ALABAMA SHAD, ALLIGATOR GAR, GULF STURGEON, SPECKLED CHUB, IRONCOLOR SHINER, SPOTTED BULLHEAD, SPECKLED DARTER																																																																			
Land Use/Cover	Yes	AGRICULTURAL / WETLAND FORESTED MIX																																																																			
Candidate Mussels	No	N/A																																																																			
Sturgeon C.H.	No	N/A																																																																			

Notes: Rt approach paved until last 40yards.