




Yellow River		co-1102-r-001	Sedimentation Risk Index 48																																																																		
<u>Common:</u> 1.8mi SW of Five Points <u>Drainage:</u> Blackwater Bay <u>GPS:</u> 31.428717623,-86.330150140 <u>Land owner:</u> Royce & Barbara Harrison-US, W&T Mitchell –DS East, Lucky Hack – DS West		<u>County:</u> Covington <u>State:</u> Alabama <u>PLSS (T-R-S):</u> 6N-17E-35 <u>Parcel No.:</u> Unknown <u>Road Name:</u> Prestwood Rd																																																																			
																																																																					
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>BEAVER DAM</td><td>3</td></tr> <tr><td>DS Channel Morph</td><td>WETLAND</td><td>5</td></tr> <tr><td>DS Bank Alteration</td><td>MINOR/PARTIAL</td><td>3</td></tr> <tr><td>Upstream Skew Angle</td><td><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>21-40 y³</td><td>3</td></tr> <tr><td>Approach Slope Mean</td><td><2%</td><td>5</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>Vegetated</td><td>1</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>Partially Improved Drainage System</td><td>3</td></tr> <tr><td>SRI Total</td><td>Low Risk</td><td>48</td></tr> </tbody> </table>		Risk Factor	Ranking	Score	US Channel Morph	BEAVER DAM	3	DS Channel Morph	WETLAND	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	21-40 y ³	3	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	Vegetated	1	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	Partially Improved Drainage System	3	SRI Total	Low Risk	48		
Risk Factor	Ranking	Score																																																																			
US Channel Morph	BEAVER DAM	3																																																																			
DS Channel Morph	WETLAND	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	21-40 y ³	3																																																																			
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	Vegetated	1																																																																			
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	Partially Improved Drainage System	3																																																																			
SRI Total	Low Risk	48																																																																			
Additional Site Features <u>Crossing Type and Quantity:</u> Bridge,1 <u>Crossing Materials:</u> Reinforced Concrete <u>Soil Types:</u> MBA,OrB,OrC,OrE,TrD <u>Rt Approach Prism Fill:</u> 0.10in <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>N/A/ PASTURE/HAY</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/ PASTURE/HAY	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	N/A/ PASTURE/HAY																																																																			
Candidate Mussels	No	N/A																																																																			
Sturgeon C.H.	No	N/A																																																																			

Notes: None