




Pigpen Creek		cr-1102-r-012	Sedimentation Risk Index <b>42</b>																																																																		
<u>Common:</u> 3.6mi SW of Pine Level <u>Drainage:</u> Yellow River <u>GPS:</u> 31.458812845,-86.244201161 <u>Land owner:</u> Doris Mitchell Halacker		<u>County:</u> Crenshaw <u>State:</u> Alabama <u>PLSS (T-R-S):</u> 6N-18E-28 <u>Parcel No.:</u> 9 <u>Road Name:</u> Settlement 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>DA</td><td>3</td></tr> <tr><td>DS Channel Morph</td><td>C</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>&lt;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 y<sup>3</sup></td><td>3</td></tr> <tr><td>Approach Slope Mean</td><td>&gt;4%</td><td>1</td></tr> <tr><td>Soil K Factor</td><td>&lt;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>Rip Rap</td><td>1</td></tr> <tr><td>Upstream Rt Ditch</td><td>Rip Rap</td><td>1</td></tr> <tr><td>Upstream Lt Ditch</td><td>Rip Rap</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>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>Rip Rap</td><td>1</td></tr> <tr><td>Outlet Total</td><td>Partially Improved Outlet System</td><td>3</td></tr> <tr><td>Ditches Total</td><td>Partially Improved Drainage System</td><td>3</td></tr> <tr><td><b>SRI Total</b></td><td><b>Medium Risk</b></td><td><b>42</b></td></tr> </tbody> </table>		Risk Factor	Ranking	Score	US Channel Morph	DA	3	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	21-40 y <sup>3</sup>	3	Approach Slope Mean	>4%	1	Soil K Factor	<0.20	5	Upstream Rt Outlet	Bare soil	0	Upstream Lt Outlet	Rip Rap	1	Upstream Rt Ditch	Rip Rap	1	Upstream Lt Ditch	Rip Rap	1	Downstream Rt Outlet	Vegetated	1	Downstream Lt Outlet	Rip Rap	1	Downstream Rt Ditch	Bare soil	0	Downstream Lt Ditch	Rip Rap	1	Outlet Total	Partially Improved Outlet System	3	Ditches Total	Partially Improved Drainage System	3	<b>SRI Total</b>	<b>Medium Risk</b>	<b>42</b>		
Risk Factor	Ranking	Score																																																																			
US Channel Morph	DA	3																																																																			
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	21-40 y <sup>3</sup>	3																																																																			
Approach Slope Mean	>4%	1																																																																			
Soil K Factor	<0.20	5																																																																			
Upstream Rt Outlet	Bare soil	0																																																																			
Upstream Lt Outlet	Rip Rap	1																																																																			
Upstream Rt Ditch	Rip Rap	1																																																																			
Upstream Lt Ditch	Rip Rap	1																																																																			
Downstream Rt Outlet	Vegetated	1																																																																			
Downstream Lt Outlet	Rip Rap	1																																																																			
Downstream Rt Ditch	Bare soil	0																																																																			
Downstream Lt Ditch	Rip Rap	1																																																																			
Outlet Total	Partially Improved Outlet System	3																																																																			
Ditches Total	Partially Improved Drainage System	3																																																																			
<b>SRI Total</b>	<b>Medium Risk</b>	<b>42</b>																																																																			
<b>Additional Site Features</b> <u>Crossing Type and Quantity:</u> Bridge,1 <u>Crossing Materials:</u> Reinforced Concrete <u>Soil Types:</u> BbA,DoB,NsE,OrB,TaB <u>Rt Approach Prism Fill:</u> 0.25in <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>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/ SUCCESIONAL SHRUB/SCRUB (OTHER)</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/ SUCCESIONAL SHRUB/SCRUB (OTHER)	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/ SUCCESIONAL SHRUB/SCRUB (OTHER)																																																																			
Candidate Mussels	No	N/A																																																																			
Sturgeon C.H.	No	N/A																																																																			

Notes: None