




Unnamed tributary		wa-0727-r-004b	Sedimentation Risk Index 34																																																																		
<u>Common:</u> 4.5mi E of Mossy Head <u>Drainage:</u> Gum Creek <i>GPS:</i> 30.755019, -86.240897 <u>Land owner:</u> Vicki and Michael Dekoninck-US, Thelma Adams-DS		<u>County:</u> Walton <u>State:</u> Florida <u>PLSS (T-R-S):</u> 3N-20-16-28060 <u>Parcel No.:</u> 7.10050;6.80010 <u>Road Name:</u> Blue Ridge Blvd																																																																			
																																																																					
Crossing Structure: DS		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>DA</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°</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>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><21 y³</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><0.20</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>Other</td><td>0</td></tr> <tr><td>Downstream Lt Outlet</td><td>Other</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>34</td></tr> </tbody> </table>		Risk Factor	Ranking	Score	US Channel Morph	DA	3	DS Channel Morph	DA	3	DS Bank Alteration	HIGH	1	Upstream Skew Angle	<5°	5	Crossing fill condition	Poor/Bare soil	1	Inlet/Outlet Condition	Sed Islands/Scouring	3	Road Approach Material	All Sand/Clay	3	Potential Eroded Volume Mean	<21 y ³	5	Approach Slope Mean	2.1-4%	3	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	Other	0	Downstream Lt Outlet	Other	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	34		
Risk Factor	Ranking	Score																																																																			
US Channel Morph	DA	3																																																																			
DS Channel Morph	DA	3																																																																			
DS Bank Alteration	HIGH	1																																																																			
Upstream Skew Angle	<5°	5																																																																			
Crossing fill condition	Poor/Bare soil	1																																																																			
Inlet/Outlet Condition	Sed Islands/Scouring	3																																																																			
Road Approach Material	All Sand/Clay	3																																																																			
Potential Eroded Volume Mean	<21 y ³	5																																																																			
Approach Slope Mean	2.1-4%	3																																																																			
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	Other	0																																																																			
Downstream Lt Outlet	Other	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	34																																																																			
Additional Site Features <u>Crossing Type and Quantity:</u> Cuvert,1 <u>Crossing Materials:</u> Metal <u>Soil Types:</u> 8,17,18,33,36 <u>Rt Approach Prism Fill:</u> 0.100 <u>Lt Approach Prism Fill:</u> 0.250		<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>Yes</td> <td>1-3 FOCAL SPECIES IN UPLAND AREAS</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/ MDC-INACTIVE LAND WITH STREET PATTERNS BUT WITHOUT STRUCTURES</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	Yes	1-3 FOCAL SPECIES IN UPLAND AREAS	Rare and Imperiled	No	N/A	Land Use/Cover	Yes	N/A/ MDC-INACTIVE LAND WITH STREET PATTERNS BUT WITHOUT STRUCTURES	Candidate Mussels	No	N/A	Sturgeon C.H.	No	N/A																																													
Feature	Within Range	Descriptive Field																																																																			
303(d)	No	N/A																																																																			
Wetland Species	Yes	1-3 FOCAL SPECIES IN UPLAND AREAS																																																																			
Rare and Imperiled	No	N/A																																																																			
Land Use/Cover	Yes	N/A/ MDC-INACTIVE LAND WITH STREET PATTERNS BUT WITHOUT STRUCTURES																																																																			
Candidate Mussels	No	N/A																																																																			
Sturgeon C.H.	No	N/A																																																																			

Notes: DS BMP fill.