



Gum Creek		wa-1026-001	Severity Score 10.5																																				
<u>Common:</u> 7.3mi NE of De Funiak Springs, .04mi DS HWY 331 <u>Drainage:</u> Shoal River <u>GPS:</u> 30.801519827, -86.194956251 <u>Land owner:</u> Christopher Marshall		<u>County:</u> Walton <u>State:</u> Florida <u>PLSS(T-R-S):</u> 4N-20W-36 <u>Parcel No.:</u> 1																																					
																																							
RB																																							
Risk Factor	Ranking	Score	<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>RESIDENTIAL/ STREAMS AND WATERWAYS</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> <tr> <td colspan="3">Additional Site Features</td> </tr> <tr> <td colspan="2"><u>Stream Channel Woody Material:</u></td> <td>Moderate</td> </tr> <tr> <td colspan="2"><u>Impoundments:</u></td> <td>Rip Rap</td> </tr> <tr> <td colspan="2"><u>Substrate Composition:</u></td> <td>Medium Sand</td> </tr> <tr> <td colspan="2"><u>Bank Material:</u></td> <td>Sand and Clay</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	RESIDENTIAL/ STREAMS AND WATERWAYS	Candidate Mussels	No	N/A	Sturgeon C.H.	No	N/A	Additional Site Features			<u>Stream Channel Woody Material:</u>		Moderate	<u>Impoundments:</u>		Rip Rap	<u>Substrate Composition:</u>		Medium Sand	<u>Bank Material:</u>		Sand and Clay
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Channel Stability	Fair	1																																					
Channel Alteration	In Recovery	1																																					
Bank Erosion	Active	1																																					
BEHI	High	0.5																																					
Local NPSP	Obvious Sources	1.5																																					
Shoring Structures	Present	1.5																																					
Pipe Discharge	Not Present	0																																					
Water Odors	Not Present	0																																					
Fish Passage Barrier	Present	1.5																																					
RB: Riparian Buffer	0-29 ft	0.75																																					
LB: Riparian Buffer	0-29 ft	0.75																																					
RB: Floodplain Access	None	0.75																																					
LB: Floodplain Access	None	0.25																																					
River Threat Index:		10.5																																					

Notes: Rip rap has been used as a shoring structure around the bridge and large quantities have fallen in the stream channel causing a fish passage blockage during low flow stages. A house nearby is also noted as a source of NSPS.