Malone Creek

ok-0407-r-004

Sedimentation Risk Index

44

Florida

State:

4.7mi SE of Holt Common:

Yellow River GPS: 30.660061, -86.698961 <u>Drainage</u>:

US Government- Eglin AFB Land owner:

County: Okaloosa $\overline{PLSS(T-R-S)}$: 2N-25-22

Parcel No.:

Road Name: Rattlesnake Bluff Rd





Downstream Lt Ditch

Outlet Total Ditches Total

SRI Total

Crossing Materials:

Soil Types:

Additional Site Features Crossing Type and Quantity:

Rt Approach Prism Fill:

Lt Approach Prism Fill:

Risk Factor	Ranking	Score
US Channel Morph	WETLAND	5
DS Channel Morph	E	5
DS Bank Alteration	NATURAL	5
Upstream Skew Angle	5-30°	3
Crossing fill condition	Fair/Riprap	3
Inlet/Outlet Condition	Blocked	1
Road Approach Material	All Sand/Clay	3
Potential Eroded Volume Mean	$21-40 \text{ y}^3$	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	Bare soil	0
Downstream Rt Outlet	Vegetated	1
Downstream Lt Outlet	Rip Rap	1
Downstream Rt Ditch	Bare soil	0



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	INSTITUTIONAL/ N/A		
Candidate Mussels	No	N/A		
Sturgeon C.H.	No	N/A		

Notes: Rip rap in stream causing potential fish passage barrier.

Bare soil

Improved Outlet System
Unimproved Drainage System

Medium Risk

Culvert, 1

Metal 4,8,6,12

0.75in

0

44

		330