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Pensacola Bay Unpaved Roads Initiative Preliminary Prioritization Report

FDEP Contract No. DH014

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INTRODUCTION

BACKGROUND

The Florida Department of Environmental Protection (FDEP), along with its partners, is conducting a project to inventory, prioritize, and develop solutions to unpaved roads, which contribute to sedimentation in the Pensacola Bay watershed with the goal of improving water quality. The project includes 1) assessing and identifying unpaved stream crossings contributing the largest sediment loads to the watershed and 2) developing 30% design plans of site-specific solutions at a minimum of 15 priority locations. The 15 locations will be the highest-prioritized sites based on a larger number of sites assessed.

The Pensacola Bay watershed encompasses over 7,000 square miles in northwest Florida and southern Alabama. The Florida portion of the watershed, which is approximately 2,300 square miles, is located within Escambia, Okaloosa, Santa Rosa, and Walton counties. The Pensacola Bay drainage area contains the Escambia, Blackwater, and Yellow River systems and is located within the Choctawhatchee-Escambia Basin (HUC0314). It is composed of eight sub-basins, each defined by an 8-digit Hydraulic Unit Code (HUCs). The Escambia River covers over 4,200 square miles, of which only ten percent is in Florida. The Blackwater River has a drainage area of approximately 860 square miles, with approximately 81 percent in Okaloosa and Santa Rosa counties. The Yellow River has a drainage area of 1,365 square miles, with almost 64 percent located in northwest Florida. Approximately 144 square miles of the Pensacola Bay watershed is considered estuarine.

Cumulatively, the 15 selected projects will help to improve water quality and habitats in the Pensacola Bay watershed by mitigating the effects of unpaved stream crossings contributing the most amount of sediment to the watershed. Unpaved roads cause significant erosion and sediment loading to nearshore water bodies [Programmatic Damage Assessment and Restoration Plan (PDARP)/ Programmatic Environmental Impact Statement (PEIS) Sec. 2-37 5.D.2.2]. While road systems typically occupy a relatively small proportion of the landscape, their construction and maintenance have a great impact on water quality in the adjacent streams and the connected, downstream, aquatic ecosystems (Gucinski, Furniss, Ziemer, & Brookes, 2011), causing loss of habitat and aquatic species decline. It has been well documented that stream-bound sediment interferes with the downstream growth and development of algae, phytoplankton, and submerged aquatic vegetation (SAV) by absorbing or scattering solar radiation necessary for photosynthesis. The 2017 Northwest Florida Water Management District (NFWFMD) Pensacola Bay System Surface Water Improvement and Management (SWIM) plan identifies unpaved roads as one of the challenges in the watershed as they contribute to nonpoint source pollution, turbidity in streams, smothering habitats and impacting water quality and the physical structure of the waterbodies.



OBJECTIVE

As noted above, FDEP and its partners are conducting this project to inventory, prioritize, and develop solutions to mitigate the adverse effects of unpaved roads (with respect to stream sedimentation) in the Pensacola Bay watershed. Task 2 (see task list at right) of the study included collating and reviewing existing inventories of unpaved road stream-crossings, crossovers (i.e., culverts/pipes), and proximity sites. The third task (Task 3) included creation of a geodatabase of sites inventoried in Task 2, focusing on GIS overlays of habitat, protected species localities, road-crossing site conditions, and resource impairments in the watershed. Task 4 encompassed determining the sediment budget of the watershed and contributions of road crossings and to establish sediment reduction goals for crossing sites.

Task 5, which is the subject of this document, describes the process by which the sites in the basin have been prioritized for future field verification, which will then lead to a final ranking of sites to receive roadway and drainage improvements. The intent of roadway and drainage improvements is to reduce sediment runoff for the benefit of fisheries and aquatic species, including those protected by federal and state laws. Therefore, “priority sites” are road stream-crossings that most adversely affect the Pensacola Bay watershed resources and habitats. The prioritization includes a list of individual sites, each with a numeric rank. Sites that were listed as a priority by project partners or scored poorly in the 2011 Yellow River Study and 2009 Eglin Air Force Base Range Road-Stream Crossings Assessment are also included for field verification regardless of the preliminary score assigned by JMT.

This prioritization list will be adjusted prior to compilation of the final priority list (Task 7). Field data from 100 sites (Task 6) and input by project partners will be used to determine the final priority list. The list in this report is therefore considered “preliminary.”

METHODS

AVAILABLE DATA

Datasets on roads, species, streams, and water quality (compiled for Tasks 2 and 3) were considered for preliminary site prioritization. The following information was considered when prioritizing road-stream crossings for field assessment.

1. Protected species information
 - a. Gulf sturgeon critical habitat
 - b. Endangered Species Act (ESA)-listed mussel critical habitat for
 - i. Round ebonyshell (*Fusconaia rotulata*),
 - ii. Southern kidneyshell (*Ptychobranhus jonesi*),
 - iii. Choctaw bean (*Villosa choctawensis*),
 - iv. Narrow pigtoe (*Fusconaia escambia*),
 - v. Southern sandshell (*Hamiota australis*), and
 - vi. Fuzzy pigtoe (*Pleurobema strodeanum*)





- c. ESA-listed Florida bog frog (*Rana okaloosae*) localities
 - d. ESA-listed Reticulated flatwoods salamander (*Ambystoma bishopi*) critical habitat
 - e. State listed species – grouped by 12-digit HUC
 - i. Blackmouth shiner (*Notropis melanostomus*),
 - ii. Bluenose shiner (*P. welaka*),
 - iii. Saltmarsh topminnow (*Fundulus jenkinsi*), and
 - iv. Florida bog frog (*R. okaloosae*)
2. Water quality information
 - a. Waters identified as an “Outstanding Florida Water”
 - b. Streams that are listed by the State of Florida as “impaired,” due to bacteria, nutrients, and/or metals
 3. Aquatic barriers
 - a. Data from the Southeast Aquatic Resource Partnership (SARP) on which crossings blocked upstream movement of aquatic organisms
 4. Sediment erosion analyses
 - a. Estimates of annual erosion from each road-stream crossing using the Revised Universal Soil Loss Equation (RUSLE), computed as part of Task 4
 - b. Spatially Referenced Regression On Watershed (SPARROW) data collected as part of Task 4
 - c. Assumptions for weighting the erosion estimates
 5. Road surface status
 - a. Whether it is currently paved
 - b. If it is scheduled/programed for upgrade
 6. Previous assessments
 - a. Project partners indicated road-stream crossings that were a priority for improvement
 - b. The 2011 Yellow River Study, which included an SRI score for all unpaved road-stream crossings in that basin
 - c. The 2009 Eglin Air Force Base Range Road-Stream Crossings Assessment, which ranked all road-stream crossings within Eglin AFB

The nature of each dataset is briefly described below.

Protected Species. Critical habitat designations/maps for gulf sturgeon, mussel species, and reticulated flatwoods salamander were obtained from USFWS websites. The USFWS Panama City field office provided localities for protected mussels and bog frogs. Bluenose shiner, blackmouth shiner, and saltmarsh topminnow watersheds were obtained from Florida Fish and Wildlife Conservation Commission (FWC) websites on each species.

Water Quality. Outstanding Florida Waters (OFWs) were designated by legislation as waters to be protected from degradation from their assigned water quality classification at the time of designation. Impaired waters are those comprising streams/reaches on the Florida’s 303(d) list. Causes for listing vary. GIS polygons were available from FDEP sources for both data sets.



Aquatic Barriers. A database of road/stream crossings and dams that act as barriers to aquatic species movement was retrieved from the SARP website on May 2nd, 2022. It included point-locations and best available data to describe the type of crossing, severity of the barrier, and other site-specific characteristics.

Sediment Erosion Analysis. JMT estimated annual erosion from each road-stream crossing with RUSLE. RUSLE, according to the USDA, predicts long-term, average-annual erosion by water for a broad range of farming, conservation, mining, construction, and forestry uses. JMT calculated an initial RUSLE value (using existing GIS collected data and assumed values) on every unpaved road-stream crossing within the Pensacola Bay Watershed in Florida to estimate the annual sediment load contributed by each crossing and delivered to each corresponding stream. The equation used to compute soil loss, per the USDA Agricultural Handbook 537 (Wischmeier & Smith, 1978), was the following:

$$A = RKLSCP$$

where:

A = soil loss (tons per acre per year)

R = rainfall erosivity (hundreds of foot-ton-inches per acre per hour)

K = soil erodibility factor (ton-acre-hours per hundred foot-tons-per inch)

LS = slope-length and gradient factor

C = crop/vegetation and management factor

P = support practice factor

By applying assumptions about soil type, management inputs, supporting practices, and base management, RUSLE can effectively estimate soil loss for each unpaved road-stream crossing. While two of these variables remained constant (R and P), others (K and C) were assigned an initial value and will be refined through field assessments. The slope-length and gradient factor (LS) was calculated from available LiDAR and topography and averaged along the length of each roadway approach.

Also, watershed modeling work (using SPARROW) shows that some sediment is stored in rivers, floodplains, and reservoirs and is not transported to Pensacola Bay. The delivery fraction, or the percentage of sediment runoff that ultimately is conveyed to Pensacola Bay, was calculated for all catchments. The sediment load calculated for each road-stream crossing was weighted by this delivery fraction. If a road-stream crossing is upstream of a reservoir such that sediment originating from the crossing is stored in the reservoir, then the sediment load from that crossing would be down-weighted which could affect the site ranking.

Road Surface Status. State and county GIS data included shape files for most county roads available for download, while other data were received directly from project partners. From this, the initial data were submitted in Task 3 for review and comment. Project partners provided additional data for roads that were programmed for upgrade or have already been upgraded. Road-stream crossings that have been improved, are either programmed for upgrade, private, or have been decommissioned were eliminated from the list of potential sites for improvement.

DATA SELECTED FOR USE

Ecological Data. All the above listed species were used as criteria to determine preliminary priority rankings. Reticulated flatwoods salamander critical habitat appeared near some unpaved road-stream crossings, so it was considered even though they do not typically inhabit running stream habitat. Some sediment runoff from crossings could deposit on floodplains, potentially impacting habitat for the salamander. Mussels, gulf sturgeon, bluenose shiner, blackmouth shiner, saltmarsh topminnow, and Florida bog frog could each be negatively affected by excessive sediment, so they are all included. The aquatic barrier data set contained



only two currently unpaved road-stream crossings within the watershed. Aquatic barriers from paved roads were not considered, because unpaved roads are the focus of this project.

Water Quality Data. Three water bodies were listed based on nutrient impairment: Pensacola Bay, the inlet to the Bay, and Bear Lake in Santa Rosa County. Sediments from all unpaved road-stream crossings may contribute to nutrient impairment in the Bay, so nutrients were not considered in the preliminary ranking system. Including them would not discriminate between unpaved road-stream crossings. Other waters within the Bay watershed are listed due to metals or bacteria levels. Unpaved road-stream crossings likely do not contribute to metal or fecal coliform impairment, so impaired waters were not used as a criterion for ranking unpaved road-stream crossings. Water bodies listed as an OFW were included in the preliminary ranking system, because excessive sediment could degrade them.

Crossing Characteristics/ Physical Data. Information regarding annual erosion at each unpaved road-stream crossing, calculated for each roadway approach using RUSLE and calibrated with field measurements, was used in the preliminary prioritization. The previously submitted sediment report (Task 4) describes how sediment yield was calculated and calibrated for each unpaved road-stream crossing.

DATA TRANSFORMATION AND ANALYSES

Using OFW, species, and annual erosion data, a scoring system for gauging the relative importance of each parameter was established. Both the species and OFW sub-scores were calculated on a 12-digit HUC basis, i.e., if the site was located inside a 12-digit HUC area having an OFW or a species locality/habitat, the score applied to that site. Those scores were assigned to each unpaved road-stream crossing in the 12-digit HUC, because any improvement in the basin would benefit downstream waters and aquatic species. Estimates of erosion from unpaved road-stream crossings were assigned a numeric score via a natural breaks analysis. The erosion score, OFW score, and species score for each site were added together to provide a final priority score. As part of this process, numeric data for certain parameters were categorized for simplicity.

Outstanding Florida Water Sub-scores

Because unpaved road-stream crossings that are closer to OFWs have a greater likelihood of causing impairment than crossings farther upstream, a system was developed to weight the proximity to the waterbody. If the 12-digit HUC contained an OFW, it was assigned a proximity value of 1. For each upstream HUC, the proximity value would be increased by 1 until reaching the upstream end of the flow path. The OFW score was calculated by dividing 2 by the watershed proximity value. Therefore, watersheds that contain OFWs have a score of 2.0, and upstream watersheds have a score less than 2.0. These scores are depicted in Figure 1.

$$OFW\ SubScore = \frac{2}{Watershed\ Proximity\ Value}$$

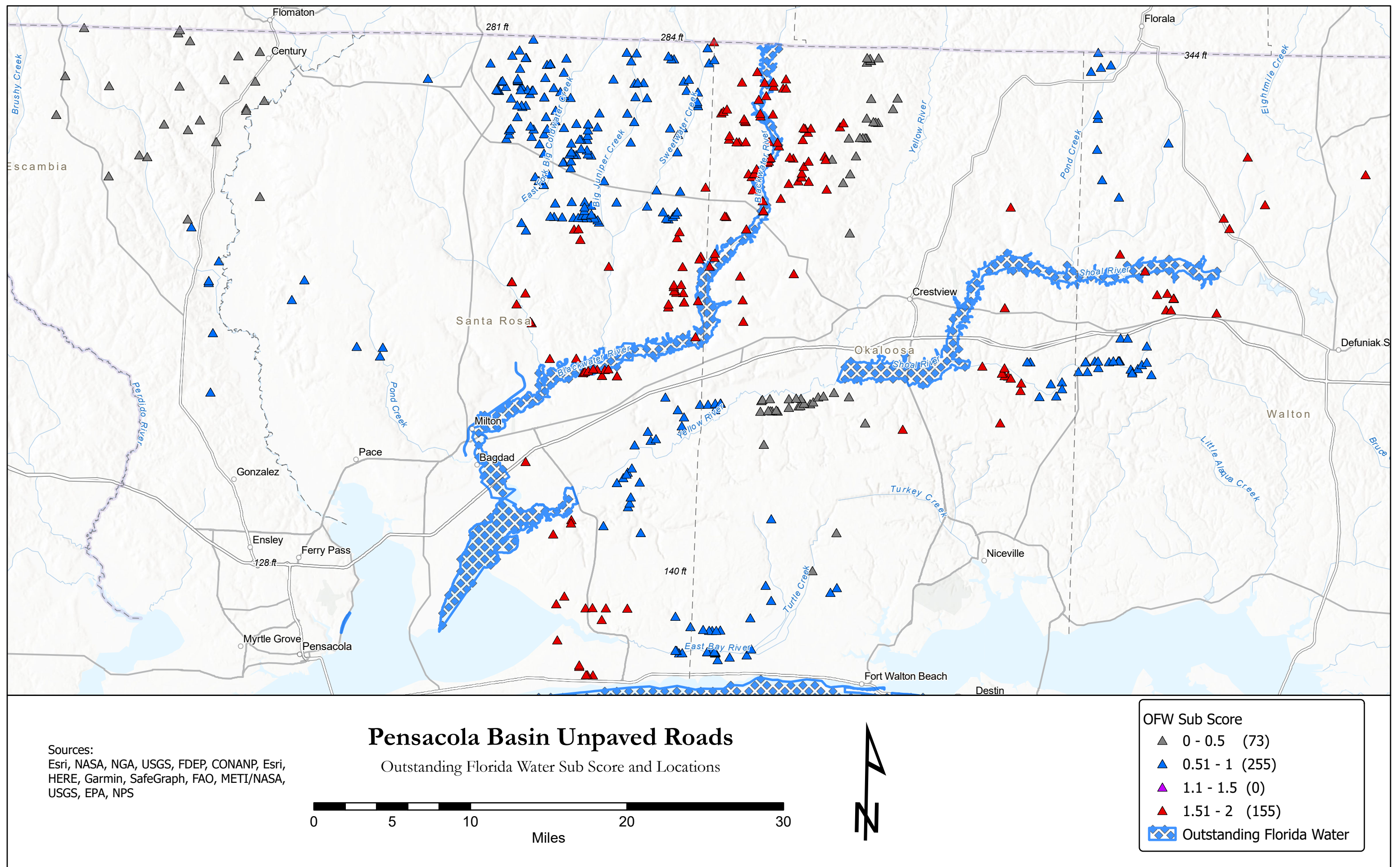


Figure 1



Species Sub-Score

For the species sub-score a single point value was assigned for each species type (gulf sturgeon, mussels, bluenose shiner, blackmouth shiner, saltmarsh topminnow, Florida bog frog, and reticulated flatwoods salamander) present in the 12-digit HUC. The value for each site was calculated; the highest possible value was 5 species in a 12-digit HUC even though 7 species or species groups were considered. To maintain a species sub-score with a maximum value of 4, the 12-digit HUC species count was multiplied by 0.8. Scores are mapped in Figure 2. Note that the OFW and species scores overlap in several rivers.

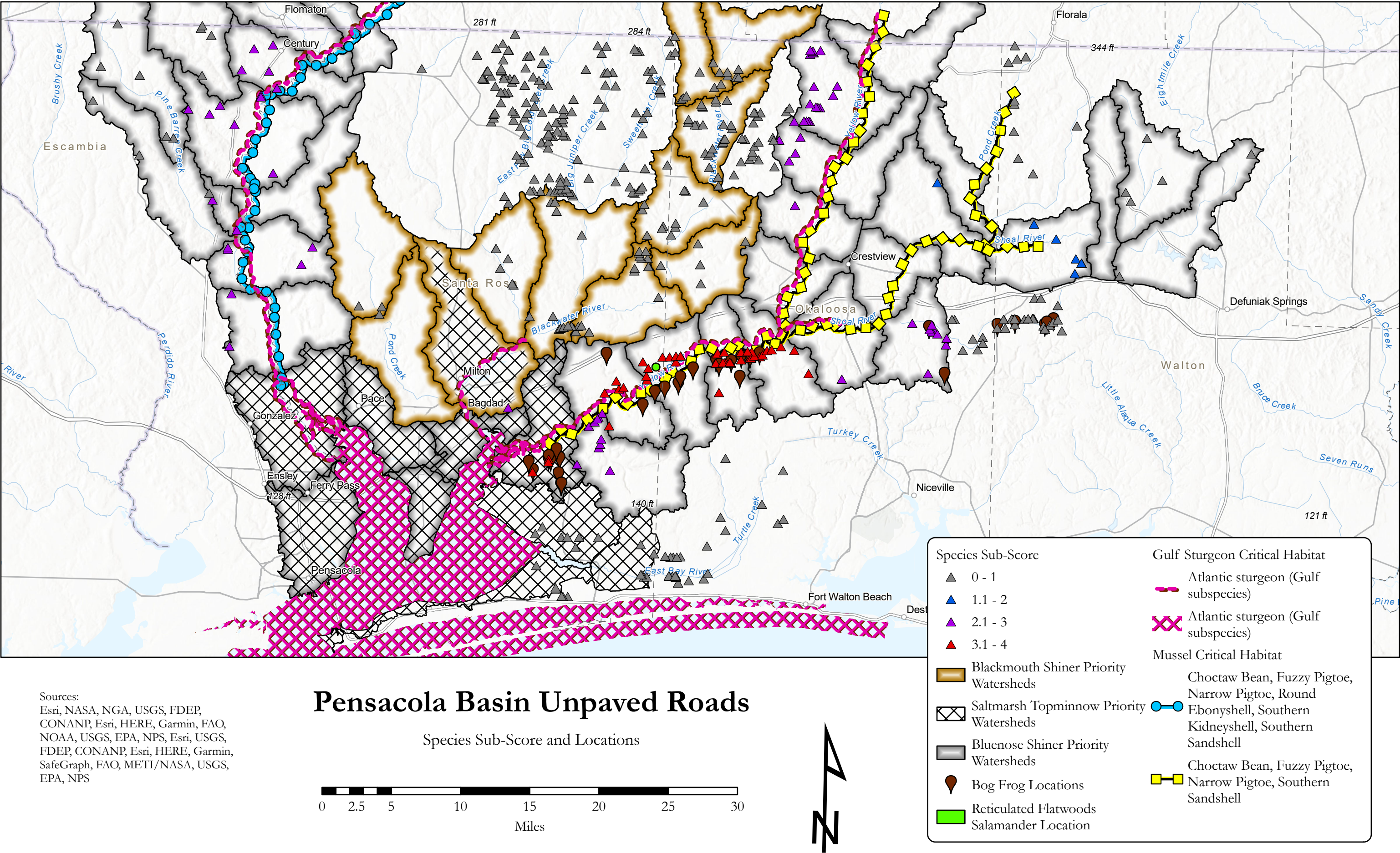


Figure 2



Erosion Sub-scores

The overall objective of the project is to reduce the water quality impact to Pensacola Bay. Not all the estimated sediment will reach the Bay from each unpaved road-stream crossing. Spatially Referenced Regression On Watershed (SPARROW) data collected as part of Task 4 shows that a fraction of suspended sediment originating from each basin is ultimately delivered downstream to Pensacola Bay. Annual erosion estimates from each unpaved road-stream crossing were multiplied by the delivered fraction associated with its catchment. Unpaved road-stream crossings that are more likely to deliver sediment to the Bay are thus given priority.

Additionally, a “use-factor” was applied to each estimate of annual erosion based on preliminary visual observations made in the field. It is assumed that unpaved roads with regular traffic are continually disturbed and are more likely to erode than a road with limited traffic. For example, some State Forest roads have vegetation growing on them which helps reduce erosion. Less routine grading also leaves fewer berms made from unconsolidated sediment on the roadsides compared to roads that are graded routinely. Conversely, many county roads with daily residential traffic display signs of constant grading, rutting, and a pattern of sediment actively filling roadside ditches. Preliminary observations at Eglin AFB indicate a mix of heavy and minimal use roads. County roads, state forest roads, and Eglin AFB roads were assigned use-factors (multiplier) of 1.0, 0.6, and 0.7 respectively.

$$\text{Adjusted Erosion} = \text{Annual Erosion Estimate} * \text{Delivery Fraction} * \text{Use Factor}$$

After adjusting annual erosion estimates based on delivered fraction and use-factor, the estimates were categorized into ten classes using a natural breaks analysis. The classes are listed in Table 1. The erosion sub-scores are mapped in Figure 3. Note that some unpaved road-stream crossings are near other unpaved road-stream crossings on the same road, such as unpaved road-stream crossings on adjacent tributaries at the bottom of a wide floodplain. JMT added the estimates of annual erosion from the roadway approaches together. However, this exercise did not change the score for any of these unpaved road-stream crossings if they were considered jointly, so the results are not included.

Table 1: Unpaved Road-stream Crossing Annual Erosion Sub-Score Categories

Annual Erosion at Unpaved Road-stream Crossing (tons/year)	Category Value
0 – 3.2	1
3.3 – 7.3	2
7.4 – 12.3	3
12.4 – 19.1	4
19.2 – 27.9	5
28.0 – 38.3	6
38.4 – 53.2	7
53.3 – 83.8	8
83.9 – 153.5	9
153.6 – 302.1	10

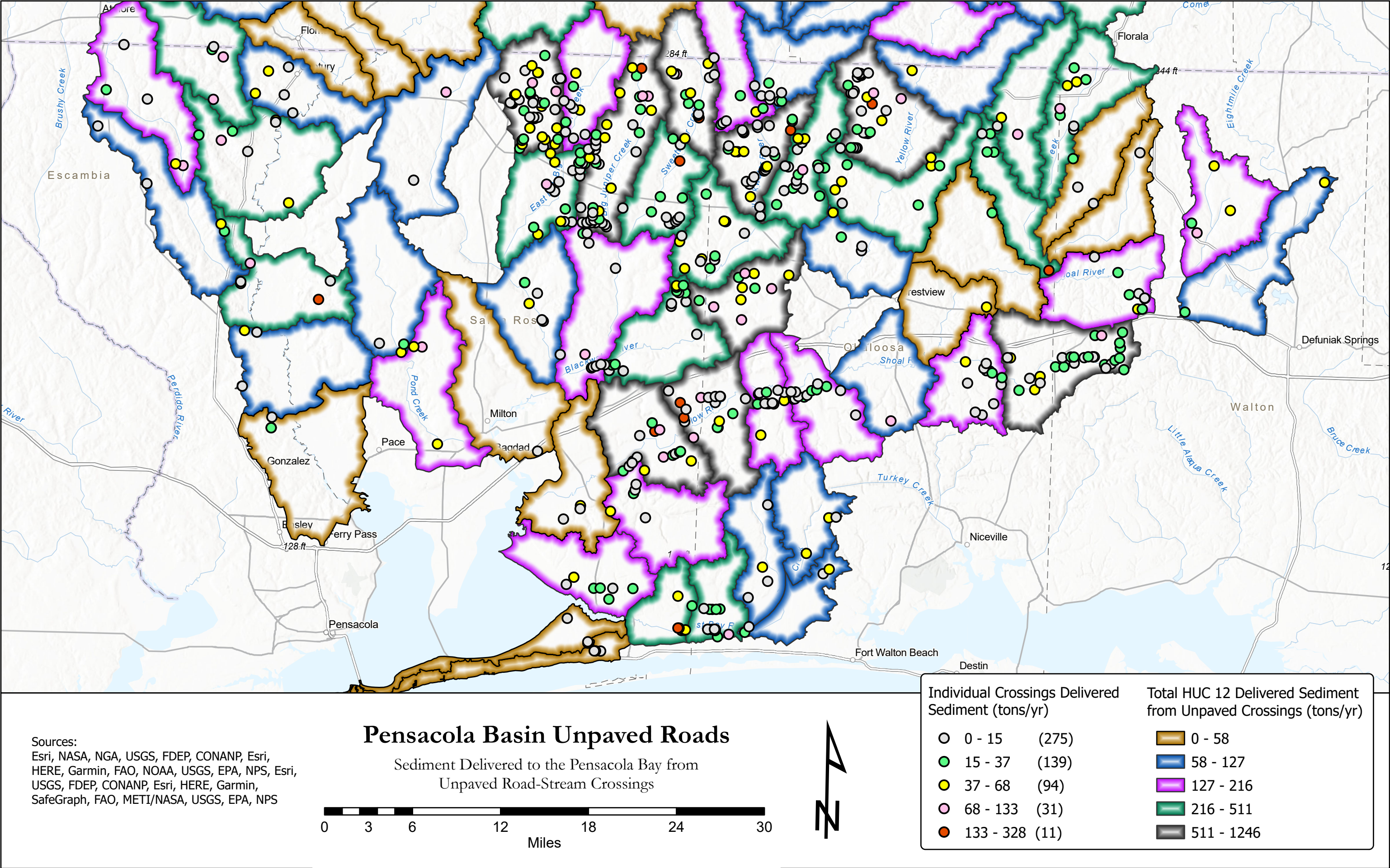


Figure 3



Prioritization Total Score

The prioritization total score is the sum of the three sub-scores (OFW, species, annual erosion). The project objective is to reduce sediment impacts to Pensacola Bay. Therefore, the schema below (Table 2) gives greatest weight to the annual erosion score. Roadway and drainage improvements to crossings with high annual erosion scores would have a positive impact on nearby aquatic species and downstream OFWs. The scores increase with the priority for restoration; a maximum score of 16 is possible.

Table 2: Sub-score Ranges

Sub-Score Group	Minimum Possible Sub-Score	Maximum Possible Sub-Score
Outstanding Florida Waters	0.2	2
Species	0	4
Annual Erosion	1	10
Total Possible Points	1.7	16

RESULTS

Annual erosion rates for the 478 road-stream crossings averaged 25.0 tons/yr (or 17.0 tons/yr after multiplying by the delivery fraction and the use-factors). Most sites had annual erosion sub-scores of less than 3; only thirteen sites scored a 9 or above (see Appendix A). When the reduced sediment amounts were summed within their respective 12-digit HUCs, the amount ranged from 0 to 1,245.8 tons/yr (average 190.0 tons/yr). Two 12-digit HUCs where unpaved road-stream crossings contribute the most sediment into Pensacola Bay (both over 1,000 tons/yr) were the Dixon Creek and Upper Big Juniper Creek watersheds in Santa Rosa County. The third highest 12-digit HUC was the Upper Sweetwater Creek (800 tons/yr), located in Santa Rosa County with a small portion in Okaloosa County and in Alabama. Figure 3 depicts the annual erosion estimates from individual unpaved road-stream crossings and from the sum of crossings within each 12-digit HUC.

Species sub-scores ranged from 0 to 4 (Figure 2), and OFW sub-scores ranged from 0.2 to 2 (Figure 1). A map showing both of these scores together is included as Figure 4. When both the species and the OFW scores were combined, there was a pattern where the higher-scored watersheds are those along the Yellow River with gulf sturgeon, bluenose shiner, and mussels. The presence of the Florida bog frog on Eglin Air Force Base along the Yellow River further increased scores along shared watersheds. Some of these locations also drain to OFWs. A higher score indicated a greater need for sediment abatement measures due to the proximity of significant resources or listed species.

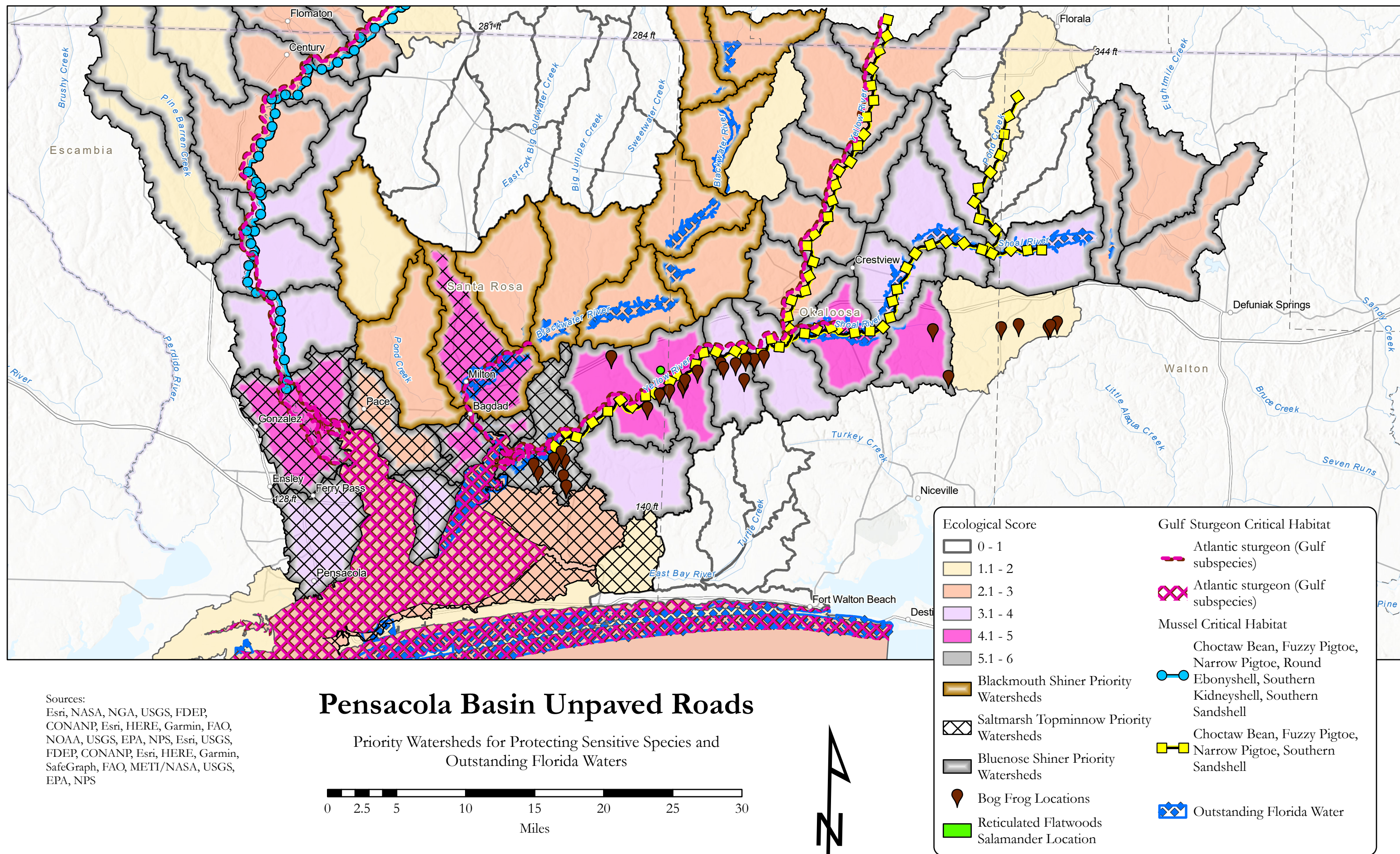


Figure 4



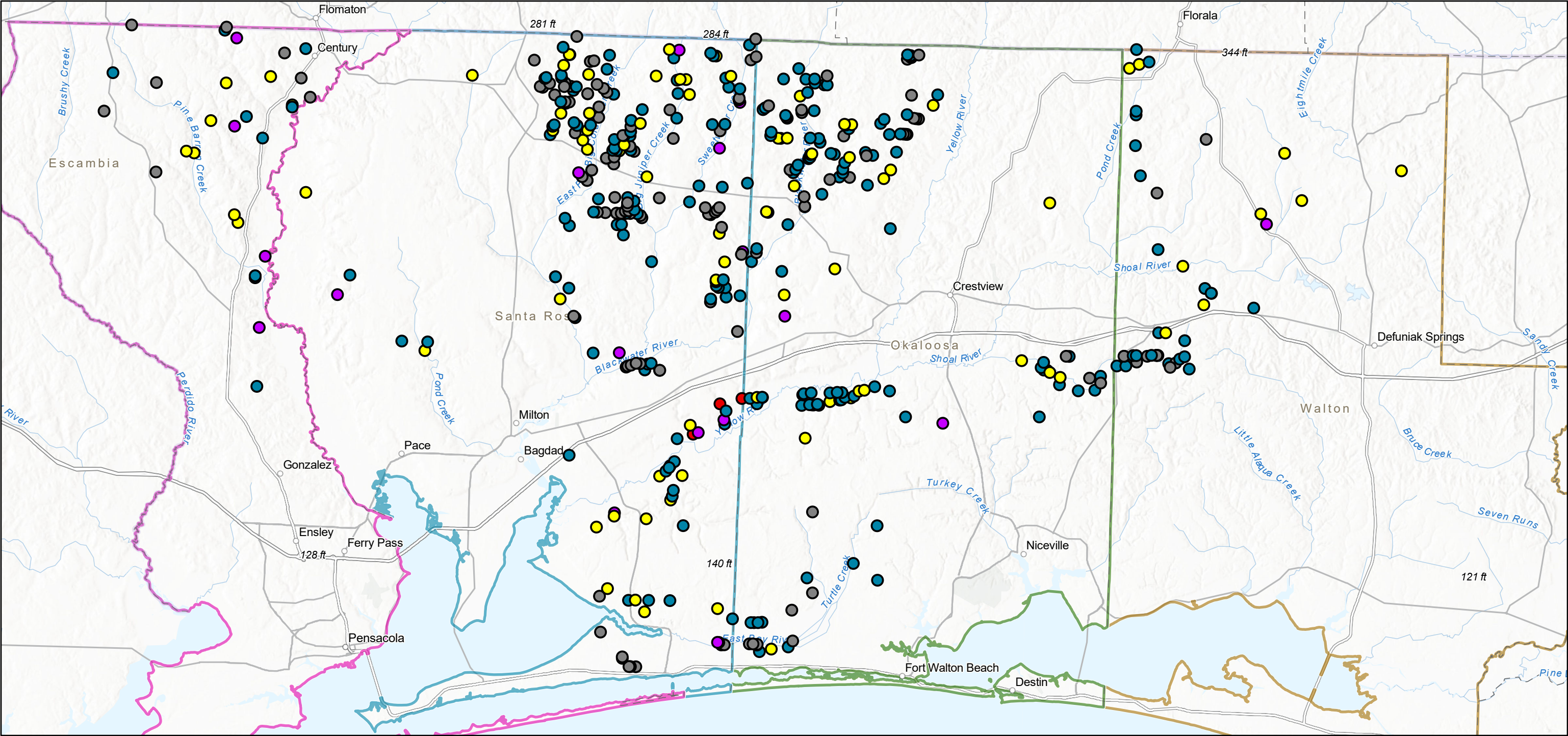
Data for 478 unpaved road-stream crossings within the Florida portion of the Pensacola Bay watershed were analyzed according to the methods described above. Total scores ranged from 1.7 (lowest priority for stream crossing restoration/retrofit projects) to 14.7 (highest priority) out of a possible 16 points. The mean score was 5.4 and the median score was 4.8 (see Table 3 and Appendix A).

Table 3: Preliminary Scoring Distributions

Total Score Range	Total Crossings	Percentage of Total
1.7 – 3.9	156	33
4 – 6.9	215	45
7 – 9.9	86	18
10 – 12.9	18	4
13 – 16	3	< 1



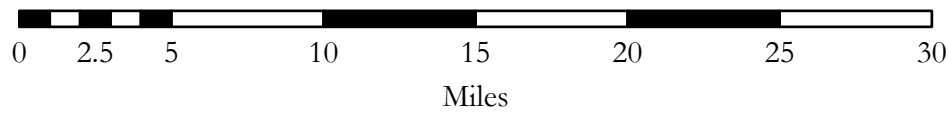
Figure 5 shows the locations of the sites and their respective priority scores (grouped and color-coded). Crossings with the highest scores (greater than 13) are located near the Yellow River in Santa Rosa County. Most of the unpaved road-stream crossings that are not programmed for improvements are located in the Blackwater River State Forest and on Eglin Air Force Base.



Sources:
Esri, NASA, NGA, USGS, FDEP,
CONANP, Esri, HERE, Garmin, FAO,
NOAA, USGS, EPA, NPS, Esri, USGS,
FDEP, CONANP, Esri, HERE, Garmin,
SafeGraph, FAO, METI/NASA, USGS,
EPA, NPS

Pensacola Basin Unpaved Roads

Preliminary Prioritization Total Scores (All Locations)



Crossing Prioritization Score				
●	1.7 - 3.9	(156)	Escambia	
●	4.0 - 6.9	(215)	Okaloosa	
●	7.0 - 9.9	(86)	Santa Rosa	
●	10.0 - 12.9	(18)	Walton	
●	13.0 - 16.0	(3)		

Figure 5

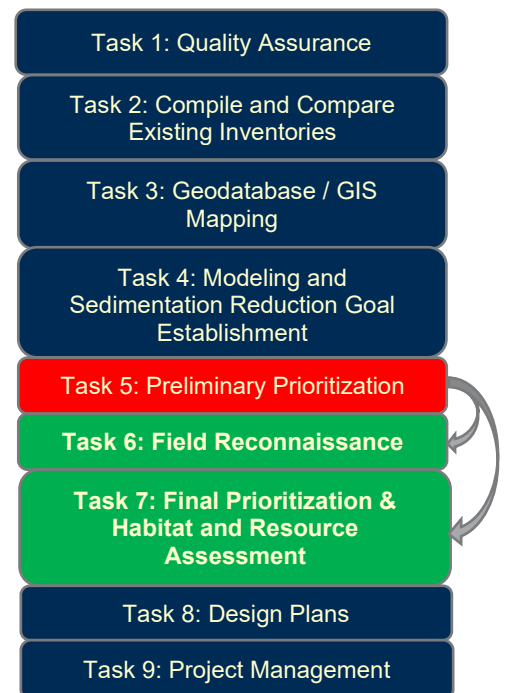


DISCUSSION

The goal of the project is to improve water quality in Pensacola Bay, specifically through mitigating the effects of sedimentation caused by unpaved roads. To ensure that this remains the focus for prioritizing sites, sediment loading (annual erosion at unpaved road-stream crossings) was weighted more than other elements in the prioritization. These scores were adjusted by sediment delivery fraction and use-factor, such that unpaved road-stream crossings that were further upstream in the watershed or were less traveled were downweighed.

The species and OFW scores were added to the prioritization effort to differentiate close rankings and to ensure that other federal and state concerns (protected waters, state-protected species, etc.) that could benefit from best management practices (BMPs) were considered. The best available data were used for listed species habitats and localities. In this study, an unpaved road-stream crossing received a score for species if it occurred in the same 12-digit HUC as the species. It may be possible to address this limitation by analyzing smaller watersheds.

It is possible to change the weighting of these factors or add additional parameters to emphasize priorities important to project partners or to help differentiate between closely ranked sites. Using slightly different criteria could alter the results of this preliminary prioritization. For example, annual erosion estimates were calculated with an assumed roadway width based on general ownership (county, Eglin AFB, and state forest) and a constant surface type for all roads. JMT will be field assessing 100 ranked sites during execution of Task 6 and will update estimates of annual erosion and associates scores. The field assessment in Task 6 will also be used to calculate Sediment Risk Index (SRI) values for each site, which will provide another factor that can be used to rank unpaved road-stream crossings or to differentiate between closely ranked crossings. The SRI protocol includes twelve metrics involving soil erodibility, roadway slope and approach conditions, roadway sedimentation and drainage abatement features, stream morphology and channel alteration, and overall condition of the structural crossing. Field assessment is necessary as most of these data are not currently available.



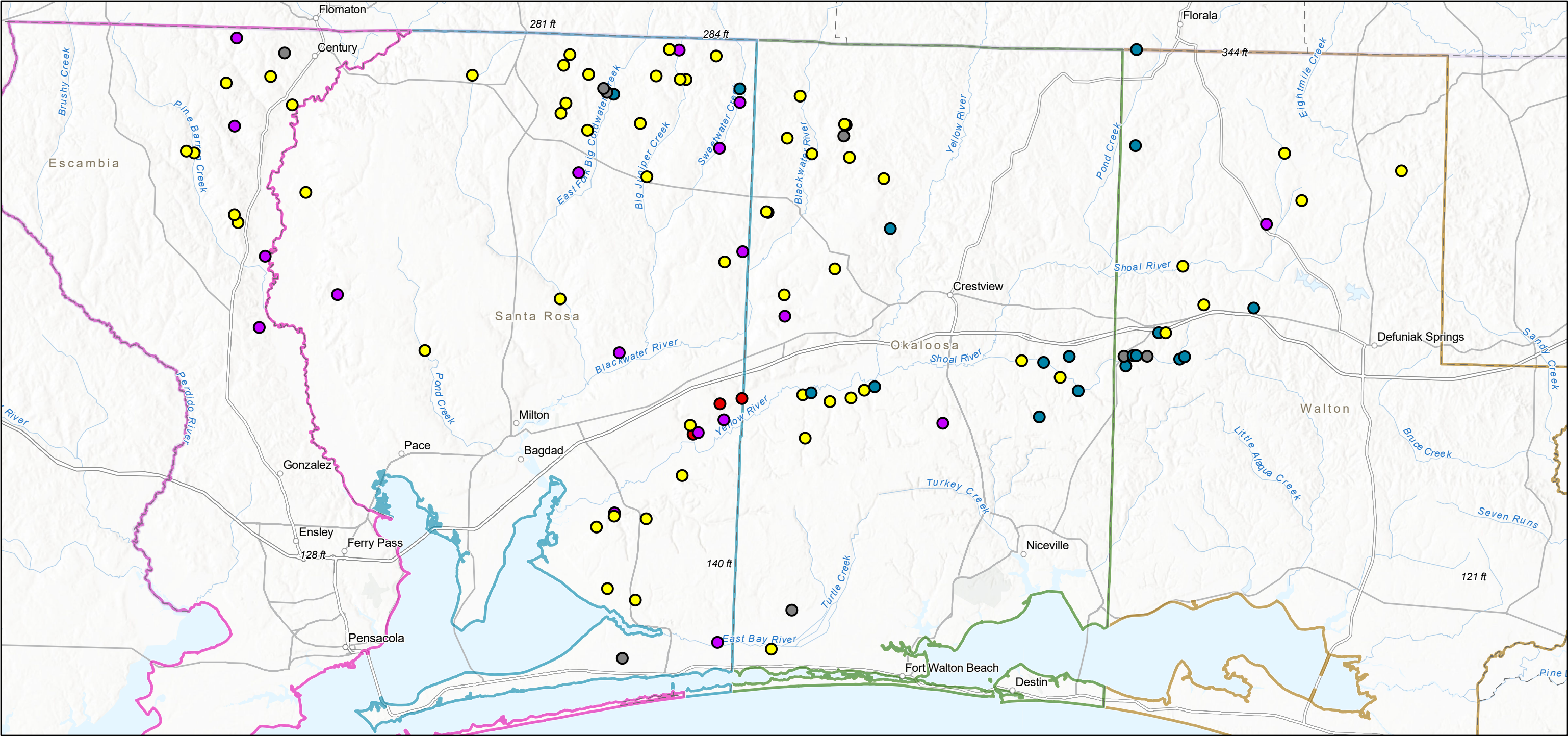
PRELIMINARY PRIORITIZATION LIST

The objective of preliminary prioritization was to rank unpaved road-stream crossings for roadway and drainage improvements that will reduce sediment draining to sensitive habitats. The data provided will help guide such planning. A list of all unpaved road-stream crossings in Florida, sorted by total prioritization score, is included in Appendix A. This list also includes the sub-scores used to calculate the total score. Appendix B lists 47 unpaved road-stream crossings that were identified by project partners as a priority for improvement. Of these, 28 crossings had a prioritization rank lower than 7.0, so they would not have been



included if only the total prioritization score were considered. Because the partner priorities have been field-assessed by the partners, they all have been included in the preliminary list for field assessment. The threshold for the selection of the remaining sites was increased to a score of 8.0. The resulting list includes 105 unpaved road-stream crossings that are not currently programmed for improvement (Appendix C). An overview of this list is depicted in Figure 6. A detailed map book of all unpaved road-stream crossings, with an indication whether a site is a stakeholder priority or a priority determined by JMT, is included in Appendix D.

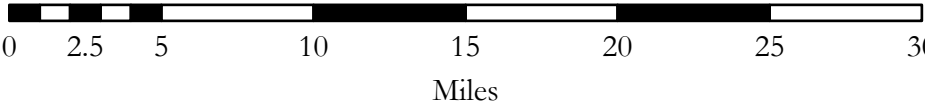
The Pensacola watershed is very large and contains hundreds of unpaved road-stream crossings. Considering groups of sites within the same watershed for improvements may yield more observable and ecologically relevant benefits than by relying solely on the ranking for site selection. Improving widely separated unpaved road-stream crossings may have less measurable benefit given that only fifteen crossings are planned for design and subsequent BMP installation under this project. The approach to site selection may depend on additional field data to be collected during execution of Task 6. Field data from the top 100 crossings and input from project partners will be used to draft the final prioritization list (Task 7).



Sources:
Esri, NASA, NGA, USGS, FDEP,
CONANP, Esri, HERE, Garmin, FAO,
NOAA, USGS, EPA, NPS, Esri, USGS,
FDEP, CONANP, Esri, HERE, Garmin,
SafeGraph, FAO, METI/NASA, USGS,
EPA, NPS

Pensacola Basin Unpaved Roads

Preliminary Prioritization Map (Top 105)



Crossing Prioritization Score				
●	1.7 - 3.9	(9)	Escambia	
●	4.0 - 6.9	(19)	Okaloosa	
●	7.0 - 9.9	(56)	Santa Rosa	
●	10.0 - 12.9	(18)	Walton	
●	13.0 - 16.0	(3)		

Figure 6



REFERENCES

- Gucinski, H., Furniss, M. J., Ziemer, R. R., & Brookes, M. H. (2011). *Forest roads: A synthesis of scientific information. General Technical Report PNW-GTR-509*. Portland: U.S. Dept. of Agriculture, Forest Service.
- Wischmeier, W. H., & Smith, D. D. (1978). *Predicting rainfall erosion losses - A guide to conservation planning*. Washington DC: U.S. Dept. of Agriculture.



Appendix A: Unpaved Road-Stream Crossings Listed by Prioritization Score

Preliminary List	Label	Latitude	Longitude	County	HUC 12	HUC Name	Road Name	Stakeholder Priority	OFW Proximity	OFW Score	Total Species	Species Score	Calculated Erosion (tons/yr)	Delivered Fraction	Use Factor	Reduced Erosion Value (tons/yr)	RUSLE Score	Total Prioritization Score
*	SR06	30.65589155	-86.81796994	Santa Rosa	031401030803	Milligan Creek-Yellow Creek	Blue Barnes Rd		3	0.67	5	4.0	197.34	0.89	1	175.73	10	14.7
*	sr-0223-r-001	30.62698652	-86.84633313	Santa Rosa	031401030804	Burnt Grocery Creek-Yellow River	Fisher Old Mill Rd		2	1.00	4	3.2	198.09	0.91	1	179.99	10	14.2
*	sr-0223-r-002	30.66128921	-86.79428844	Santa Rosa	031401030803	Milligan Creek-Yellow Creek	Gamer Landing Rd		3	0.67	5	4.0	132.82	0.88	1	116.67	9	13.7
*	BRSF98	30.6409672	-86.8133488	Santa Rosa	031401030803	Milligan Creek-Yellow Creek	FFS Y16		3	0.67	5	4.0	156.18	0.89	0.6	83.82	8	12.7
*	BRSF206	30.62655404	-86.84621114	Santa Rosa	031401030804	Burnt Grocery Creek-Yellow River	FFS Y114		2	1.00	4	3.2	106.46	0.91	0.6	58.04	8	12.2
*	SR22	30.75011297	-87.2348032	Santa Rosa	031403050503	Delaney River	Gin Rd		3	0.67	3	2.4	142.08	0.82	1	116.80	9	12.1
*	Oka34	30.73907396	-86.74960495	Okaloosa	031401040204	Penny Creek	Poplar Head Church Rd	County	1	2.00	1	0.8	107.07	0.93	1	99.04	9	11.8
*	SR04	30.70171312	-86.92812384	Santa Rosa	031401040304	Lower Big Juniper Creek	Walther Rd		1	2.00	1	0.8	91.59	0.96	1	87.52	9	11.8
*	12091_540613_3390030	30.64173272	-86.75635591	Okaloosa	031401030705	Turkey Hen Creek-Shoal River	233	Eglin AFB	1	2.00	3	2.4	79.81	0.81	0.7	45.51	7	11.4
*	Esc28	30.71761278	-87.31869265	Escambia	031403050601	Quintette Lake	Cedartown Rd		2	1.00	3	2.4	64.78	0.85	1	55.20	8	11.4
*	Esc25	30.78437119	-87.31415744	Escambia	031403050503	Delaney River	Cotton Lake Rd		3	0.67	3	2.4	78.44	0.79	1	61.60	8	11.1
*	12113_506744_3379936	30.55182081	-86.92963698	Santa Rosa	031401030806	Weaver Creek-Yellow River Frontal	736	Eglin AFB	1	2.00	5	4.0	39.14	0.97	0.7	26.51	5	11.0
*	sm12187	30.93824771	-86.80296061	Santa Rosa	031401040301	Upper Sweetwater Creek	Burned Out Bridge Rd		2	1.00	0	0.0	328.14	0.92	1	302.09	10	11.0
*	Esc36	30.9053703	-87.35061212	Escambia	031403050403	Chumukia Springs	W Roach Rd		4	0.50	3	2.4	76.24	0.75	1	57.04	8	10.9
*	12113_517732_3366745	30.43266376	-86.81533901	Santa Rosa	031401050105	Lower East Bay River	255		2	1.00	1	0.8	167.48	0.99	0.7	115.71	9	10.8
*	sm12160	30.79871717	-86.79637114	Santa Rosa	031401040203	Beaver Creek	FFS F89		1	2.00	1	0.8	61.30	0.92	1	56.50	8	10.8
*	wa-0722-r-002	30.83301365	-86.22921012	Walton	031401030501	Big Swamp Creek	Old Dairy Rd		1	2.00	1	0.8	105.90	0.76	1	80.29	8	10.8
*	Esc56	30.98787545	-87.350914	Escambia	031403050401	Canoe Creek	Wawbeek Rd	SARP	5	0.40	1	0.8	125.80	0.74	1	92.69	9	10.2
*	BRSF16	30.8950832	-86.82411253	Santa Rosa	031401040302	Lower Sweetwater Creek	FFS S152		2	1.00	0	0.0	160.07	0.93	0.6	89.15	9	10.0
*	sm12155	30.86933682	-86.79639836	Santa Rosa	031401040403	Lower East Fork of Big Coldwater Creek	Friendship Rd		2	1.00	0	0.0	104.23	0.94	1	97.54	9	10.0
*	sm12190	30.98603256	-86.87006795	Santa Rosa	031401040303	Upper Big Juniper Creek	Overstreet Rd		2	1.00	0	0.0	166.68	0.92	1	153.51	9	10.0
*	SR02	30.84504888	-87.27178922	Santa Rosa	031403050403	Chumukia Springs	Coonhill Cemetery Rd		4	0.50	3	2.4	59.88	0.72	1	42.86	7	9.9
*	Esc59	30.95263034	-87.31303885	Escambia	031403050402	Hobbs Branch	Crary Rd		5	0.40	3	2.4	62.99	0.74	1	46.53	7	9.8
*	Oka43	30.75897553	-86.75072106	Okaloosa	031401040204	Penny Creek	Poplar Head Church Rd	County	1	2.00	1	0.8	44.35	0.93	1	41.03	7	9.8
*	sm54548	30.8359256	-86.77007049	Okaloosa	031401040203	Beaver Creek	Martin Mill Rd		1	2.00	1	0.8	46.40	0.92	1	42.74	7	9.8
*	sm54549	30.83647007	-86.77179859	Okaloosa	031401040203	Beaver Creek	Martin Mill Rd		1	2.00	1	0.8	45.37	0.92	1	41.80	7	9.8
*	Wa51	30.88478002	-86.083654	Walton	031401030502	Kings Lake	Ward Tr		1	2.00	1	0.8	65.90	0.74	1	48.67	7	9.8
*	SD01	30.95827915	-86.79841915	Santa Rosa	031401040404	Upper West Fork Big Coldwater Creek	FFS F99		3	0.67	0	0.0	113.08	0.91	1	102.58	9	9.7
*	ok-0617-r-002	30.86957538	-86.84519259	Okaloosa	031401030404	Deadfall Creek-Yellow River	Lenwood Jackson Rd		8	0.25	3	2.4	61.32	0.79	1	48.49	7	9.7
*	wa-0707-r-004	30.7566035	-86.29583485	Walton	031401030504	Bottle Branch-Shoal River	Donna Ln	Yellow River Study	1	2.00	2	1.6	46.25	0.77	1	35.53	6	9.6
*	12113_510054_3379393	30.54688647	-86.89517419	Santa Rosa	031401030805	Boiling Creek	211	Eglin AFB	2	1.00	3	2.4	44.37	0.92	0.7	28.67	6	9.4
*	ok-0409-r-002	30.70162119	-86.49215678	Okaloosa	031401030703	Lower Titi Creek	Range Road 207		1	2.00	3	2.4	41.54	0.80	0.7	23.28	5	9.4
*	Esc23	30.87935707	-87.39393554	Escambia	031403050501	Sandy Hollow-Pine Barren Creek	Lambert Bridge Rd		5	0.40	1	0.8	94.83	0.77	1	73.00	8	9.2
*	sr-0401-r-001	30.63525706	-86.84966148	Santa Rosa	031401030804	Burnt Grocery Creek-Yellow River	Opossum Tr		2	1.00	4	3.2	29.57	0.91	1	26.87	5	9.2
*	sr-0414-r-002	30.58805419	-86.85725955	Santa Rosa	031401030804	Burnt Grocery Creek-Yellow River	211		2	1.00	4	3.2	41.30	0.90	0.7	26.00	5	9.2
*	12113_506717_3379591	30.54873921	-86.92992824	Santa Rosa	031401030806	Weaver Creek-Yellow River Frontal	813		1	2.00	5	4.0	13.19	0.96	0.7	8.91	3	9.0
*	BRSF161	30.88880972	-86.68287277	Okaloosa	031401040201	Narrows Creek-Panther Creek	FFS R107		1	2.00	0	0.0	79.47	0.91	0.6	43.35	7	9.0
*	BRSF88	30.95869776	-86.86831809	Santa Rosa	031401040303	Upper Big Juniper Creek	FFS S17		2	1.00	0	0.0	109.40	0.92	0.6	60.60	8	9.0
*	sm12189	30.98121053	-86.82870887	Santa Rosa	031401040301	Upper Sweetwater Creek	Bracken Rd		2	1.00	0	0.0	73.29	0.91	1	66.94	8	9.0
*	Esc39	30.9266041	-87.28863177	Escambia	031403050403	Chumukia Springs	Courtney Rd		4	0.50	3	2.4	42.21	0.75	1	32.21	6	8.9
*	12131_563503_3399858	30.7299004	-86.73667559	Walton	031401030702	Upper Titi Creek	210	Eglin AFB	2	1.00	1	0.8	88.65	0.78	0.7	48.51	7	8.8
*	BRSF105	30.94525583	-86.7376811	Okaloosa	031401040105	Rock Creek	Mashoun Forks		1	2.00	1	0.8	57.91	0.90	0.6	31.37	6	8.8
*	BRSF111	30.9056985	-86.75082718	Okaloosa	031401040202	Bulpen Branch	FFS R47		1	2.00	1	0.8	51.79	0.91	0.6	28.21	6	8.8
*	BRSF22	30.78873763	-86.81601222	Santa Rosa	031401040203	Beaver Creek	FFS F69		1	2.00	1	0.8	64.38	0.92	0.6	35.72	6	8.8
*	BRSF243	30.75087178	-86.99338414	Santa Rosa	031401040406	Big Coldwater Creek	None Located		1	2.00	1	0.8	67.38	0.95	0.6	38.28	6	8.8
*	BRSF245	30.89145425	-86.72373199	Okaloosa	031401040202	Bulpen Branch	FFS R57		1	2.00	1	0.8	53.54	0.91	0.6	29.24	6	8.8
*	sm12138	30.69970902	-87.13871858	Santa Rosa	031401040501	Upper Pond Creek-Blackwater River	None Located		2	1.00	1	0.8	44.42	0.97	1	42.94	7	8.8
*	sm12233	30.78421691	-86.69640245	Okaloosa	031401040204	Penny Creek	Tom Page Ln		1	2.00	1	0.8	38.23	0.92	1	35.20	6	8.8
*	wa-0714-r-007	30.85563407	-86.19133607	Walton	031401030501	Big Swamp Creek	Bryan Rd	Yellow River Study	1	2.00	1	0.8	41.65	0.76	1	31.45	6	8.8
*	wa-0714-r-011	30.89958802	-86.21073265	Walton	031401030501	Big Swamp Creek	Royce Gill Rd		1	2.00	1	0.8	38.80	0.75	1	29.20	6	8.8
*	12091_526009_3392597	30.66584922	-86.72859356	Okaloosa	031401030802	Metts Creek-Yellow River	697		4	0.50	4	3.2	36.68	0.87	0.7	22.21	5	8.7
*	12091_526371_3388090	30.62534064	-86.72497385	Okaloosa	031401030802	Metts Creek-Yellow River	600W		4	0.50	4	3.2	40.37	0.87	0.7	24.45	5	8.7
*	ok-0407-r-004	30.66003827	-86.69895433	Okaloosa	031401030802	Metts Creek-Yellow River	Rattlesnake Bluff Rd		4	0.50	4	3.2	43.09	0.85	0.7	25.77	5	8.7
*	12091_523319_3368175	30.42736401	-86.75713782	Okaloosa	031401050104	Middle East Bay River	668		3	0.67	0	0.0	81.58	0.96	0.7	54.73	8	8.7
*	sm12126	30.96149637	-86.96782806	Santa Rosa	031401040402	Dixon Creek	FFS C52		3	0.67	0	0.0	81.35	0.92	1	75.07	8	8.7
*	sm12143	30.93410934	-86.99180477	Santa Rosa	031401040402	Dixon Creek	Mason West Rd		3	0.67	0	0.0	65.09	0.92	1	59.91	8	8.7
*	sm12147	30.96949546	-86.99516003	Santa Rosa	031401040402	Dixon Creek	Mason West Rd		3	0.67	0	0.0	79.14	0.91	1	72.18	8	8.7
*	sm12149	30.97961356	-86.98865942	Santa Rosa	031401040402	Dixon Creek	Camp Henderson Rd		3	0.67	0	0.0	60.20	0.91	1	54.92	8	8.7
*	sm12153	30.90922539	-86.96766639	Santa Rosa	031401040402	Dixon Creek	McDaniels Rd		3	0.67	0	0.0	61.11	0.92	1	56.43	8	8.7
*	sm12208	30.92455614	-86.99695493	Santa Rosa	031401040402	Dixon Creek	Mason West Rd		3	0.67	0	0.0	59.89	0.92	1	55.21	8	8.7
*	Wal55	30.79249255	-86.31918543	Walton	031401030504	Bottle Branch-Shoal River	Plation Ln		1	2.00	2	1.6	27.10	0.77	1	20.95	5	8.6
*	12091_552666_3394996	30.68657424	-86.45013504	Okaloosa	031401030703	Lower Titi Creek	211	Eglin AFB	1	2.00	3	2.4	23.07	0.80	0.7	12.84	4	8.4
*	Esc34	30.82251019	-87.34869474	Escambia	031403050502	Little Pine Barren Creek	S Pine Barren Rd		4	0.50	1	0.8	61.67	0.78	1	48.22	7	8.3
*	Esc22	30.89089082	-87.40287913	Escambia	031403050501	Sandy Hollow-Pine Barren Creek	Cox Rd		5	0.40	1	0.8	40.78	0.77	1	40.78	7	8.2
*	Esc50	30.94559792	-87.36108502	Escambia	031403050401	Canoe Creek	Cox Rd		5	0.40	1	0.8	72.02	0.74	1	53.24	7	8.2
*	Esc33	30.81530846	-87.34455913	Escambia	031403050503	Delaney River	S Pine Barren Rd		3	0.67	3	2.4	33.01	0.78	1	25.80	5	8.1
*	12113_504911_3378418	30.53815519	-86.94879114	Santa Rosa	031401030806	Weaver Creek-Yellow River Frontal	736		1	2.00	5	4.0	6.04	0.97	0.7	4.11	2	8.0
*	BRSF89	30.95862853	-86.86190732	Santa Rosa	031401040303	Upper Big Juniper Creek	FFS S17											

Preliminary List	Label	Latitude	Longitude	County	HUC 12	HUC Name	Road Name	Stakeholder Priority	OFW Proximity	OFW Score	Total Species	Species Score	Calculated Erosion (tons/yr)	Delivered Fraction	Use Factor	Reduced Erosion Value (tons/yr)	RUSLE Score	Total Prioritization Score
	sm12148	30.97970603	-86.98933797	Santa Rosa	031401040402	Dixon Creek	Camp Henderson Rd		3	0.67	0	0.0	53.70	0.91	1	48.99	7	7.7
	sm12151	30.92518858	-86.96606456	Santa Rosa	031401040402	Dixon Creek	FFS C58		3	0.67	0	0.0	55.27	0.92	1	51.01	7	7.7
	SR120	30.90832367	-87.00538512	Santa Rosa	031401040402	Dixon Creek	Mason West Rd		3	0.67	0	0.0	43.52	0.92	1	40.07	7	7.7
	BRSF103	30.87783415	-86.63785239	Okaloosa	031401030404	Deadfall Creek-Yellow River	FFS H41		8	0.25	3	2.4	51.33	0.79	0.6	24.31	5	7.7
	BRSF199	30.93899278	-86.59306201	Okaloosa	031401030403	Big Horse Creek-Yellow River	FFS H23		9	0.22	3	2.4	52.61	0.78	0.6	24.60	5	7.6
	12091_531829_3393118	30.67030422	-86.86769309	Okaloosa	031401030801	Turkey Gobbler Creek-Yellow River	Rattlesnake Bluff Rd		5	0.40	4	3.2	28.91	0.85	0.7	17.23	4	7.6
*	ok-0318-r-004	30.67128427	-86.83208284	Okaloosa	031401030801	Turkey Gobbler Creek-Yellow River	Rattlesnake Bluff Rd	Eglin AFB	5	0.40	4	3.2	22.72	0.84	0.7	13.36	4	7.6
*	ok-0318-r-005	30.66381175	-86.67621399	Okaloosa	031401030801	Turkey Gobbler Creek-Yellow River	Rattlesnake Bluff Rd	Eglin AFB	5	0.40	4	3.2	25.95	0.85	0.7	15.47	4	7.6
	Okx46	30.84959186	-86.46462568	Okaloosa	031401030701	Poverty Creek-Shoal River	None Located		1	2.00	2	1.6	20.04	0.79	1	15.78	4	7.6
	12091_551588_3395504	30.69098695	-86.46142494	Okaloosa	031401030703	Lower Titi Creek	211		1	2.00	3	2.4	15.85	0.80	0.7	8.86	3	7.4
	12113_511343_3383854	30.5870994	-86.88164852	Santa Rosa	031401030805	Boiling Creek	Eglin Tr		2	1.00	3	2.4	21.42	0.95	0.7	14.25	4	7.4
	sr-0414-r-004	30.56494277	-86.86919581	Santa Rosa	031401030805	Boiling Creek	211		2	1.00	3	2.4	27.67	0.92	0.7	17.84	4	7.4
	BRSF125	30.96259867	-86.81333425	Santa Rosa	031401040301	Upper Sweetwater Creek	FFS S86		2	1.00	0	0.0	54.24	0.92	0.6	29.80	6	7.0
	BRSF130	30.94468803	-86.85790653	Santa Rosa	031401040303	Upper Big Juniper Creek	FFS S39		2	1.00	0	0.0	68.34	0.92	0.6	37.90	6	7.0
*	BRSF154	30.91971888	-86.68889616	Okaloosa	031401040201	Narrows Creek-Panther Creek	FFS R138	Blackwater River State Forest	1	2.00	0	0.0	39.71	0.91	0.6	21.61	5	7.0
	BRSF155	30.91948335	-86.68110708	Okaloosa	031401040201	Narrows Creek-Panther Creek	FFS R137		1	2.00	0	0.0	45.28	0.91	0.6	24.62	5	7.0
	BRSF37	30.89627902	-86.92765828	Santa Rosa	031401040303	Upper Big Juniper Creek	FFS C162		2	1.00	0	0.0	55.51	0.93	0.6	31.06	6	7.0
	BRSF78	30.89986606	-86.97256389	Santa Rosa	031401040403	Lower East Fork of Big Coldwater Creek	FFS C87		2	1.00	0	0.0	50.99	0.93	0.6	28.35	6	7.0
	sm12154	30.89129145	-86.96743455	Santa Rosa	031401040403	Lower East Fork of Big Coldwater Creek	McDaniels Rd		2	1.00	0	0.0	37.66	0.93	1	34.90	6	7.0
	sm12210	30.89055559	-86.93286055	Santa Rosa	031401040403	Lower East Fork of Big Coldwater Creek	Three Notch Tr		2	1.00	0	0.0	34.60	0.93	1	32.33	6	7.0
	sm12213	30.91918251	-86.92049451	Santa Rosa	031401040303	Upper Big Juniper Creek	Reed Lake Rd		2	1.00	0	0.0	33.00	0.93	1	30.63	6	7.0
*	sm12237	30.96133873	-86.89445874	Santa Rosa	031401040303	Upper Big Juniper Creek	New Homestead Rd	Blackwater River State Forest	2	1.00	0	0.0	52.45	0.72	1	37.80	6	7.0
	Esc46	30.9146283	-87.33824095	Escambia	031403050403	Chumukla Springs	Cox Rd		4	0.50	3	2.4	19.97	0.74	1	14.87	4	6.9
*	12091_533553_3397192	30.70634514	-86.44072655	Okaloosa	031401030702	Upper Titi Creek	Range Road 207	Eglin AFB	2	1.00	1	0.8	45.63	0.79	0.7	25.36	5	6.8
	12091_556292_3393747	30.67514624	-86.41231802	Okaloosa	031401030702	Upper Titi Creek	211		2	1.00	1	0.8	47.91	0.79	0.7	26.50	5	6.8
	12091_556855_3395210	30.68629085	-86.40642378	Okaloosa	031401030702	Upper Titi Creek	211		2	1.00	1	0.8	43.95	0.79	0.7	24.30	5	6.8
	12113_508400_3370895	30.47025941	-88.91246199	Santa Rosa	031401050201	Fundy Bayou-Dean Creek Frontal	Eglin Tr		1	2.00	1	0.8	19.58	1.00	0.7	13.71	4	6.8
	12113_512698_3370962	30.47078185	-86.86771368	Santa Rosa	031401050201	Fundy Bayou-Dean Creek Frontal	291		1	2.00	1	0.8	24.66	1.00	0.7	17.18	4	6.8
	BRSF05	30.69170189	-86.89716244	Santa Rosa	031401040205	Ninemile Creek-Blackwater River	FFS Hu9		1	2.00	1	0.8	30.74	0.95	0.6	17.54	4	6.8
	BRSF156	30.92436871	-86.75124964	Okaloosa	031401040202	Bullpen Branch	FFS R37		1	2.00	1	0.8	30.61	0.90	0.6	16.59	4	6.8
	BRSF178	30.93198685	-86.77770537	Okaloosa	031401040105	Rock Creek	FFS R27		1	2.00	1	0.8	27.31	0.90	0.6	14.75	4	6.8
	BRSF20	30.80176871	-86.78153297	Okaloosa	031401040203	Beaver Creek	FFS B39		1	2.00	1	0.8	33.68	0.92	0.6	18.65	4	6.8
	BRSF229	30.78098722	-86.75391056	Okaloosa	031401040204	Penny Creek	FFS B99		1	2.00	1	0.8	32.21	0.92	0.6	17.87	4	6.8
	BRSF257	30.77148352	-86.98980622	Santa Rosa	031401040406	Big Coldwater Creek	FFS W64		1	2.00	1	0.8	28.39	0.95	0.6	16.11	4	6.8
	BRSF27	30.75737983	-86.79859594	Santa Rosa	031401040204	Penny Creek	FFS B48		1	2.00	1	0.8	25.93	0.93	0.6	14.39	4	6.8
	BRSF93	30.90238222	-86.7150523	Okaloosa	031401040202	Bullpen Branch	FFS R114		1	2.00	1	0.8	30.85	0.91	0.6	16.83	4	6.8
	sm12137	30.70787031	-87.13592652	Santa Rosa	031401040501	Upper Pond Creek-Blackwater River	None Located		2	1.00	1	0.8	27.74	0.97	1	26.82	5	6.8
	wa-0625-r-001	30.98306731	-86.35946939	Walton	031401030601	Fleming Creek-Pond Creek	Varnum Rd		2	1.00	1	0.8	35.43	0.75	1	26.57	5	6.8
*	wa-0706-r-002	30.90458504	-86.37272017	Walton	031401030601	Fleming Creek-Pond Creek	Frost Ln	Yellow River Study	2	1.00	1	0.8	32.90	0.76	1	24.93	5	6.8
*	wa-0716-r-011	30.75436827	-86.24166425	Walton	031401030502	Kings Lake	East Larkspur Ave	Yellow River Study	1	2.00	1	0.8	21.88	0.76	1	16.53	4	6.8
*	12091_526874_3392826	30.66783669	-86.71945349	Okaloosa	031401030802	Metts Creek-Yellow River	675	Eglin AFB	4	0.50	4	3.2	15.86	0.87	0.7	9.60	3	6.7
	ok-0407-r-005	30.65593946	-86.72941777	Okaloosa	031401030802	Metts Creek-Yellow River	Rattlesnake Bluff Rd		4	0.50	4	3.2	17.04	0.87	0.7	10.32	3	6.7
*	ok-0415-r-001	30.82290962	-86.63706779	Okaloosa	031401030405	Gum Creek-Yellow River	Cotton Creek Rd	Yellow River Study	7	0.29	3	2.4	16.74	0.80	1	13.44	4	6.7
	12091_526857_3373634	30.49460209	-86.72010196	Okaloosa	031401050102	Live Oak Creek	253		3	0.67	0	0.0	47.78	0.92	0.7	30.88	6	6.7
	12091_534182_3373549	30.49371658	-86.64381064	Okaloosa	031401050103	Upper East Bay River	634		3	0.67	0	0.0	47.29	0.93	0.7	30.76	6	6.7
	BRSF205	30.64931205	-86.81118585	Santa Rosa	031401030803	Milligan Creek-Yellow Creek	None Located		3	0.67	5	4.0	7.02	0.89	0.6	3.75	2	6.7
	BRSF67	30.91611549	-86.98254872	Santa Rosa	031401040402	Dixon Creek	FFS C80		3	0.67	0	0.0	51.62	0.92	0.6	28.55	6	6.7
	BRSF68	30.91346822	-86.97918146	Santa Rosa	031401040402	Dixon Creek	FFS C83		3	0.67	0	0.0	60.07	0.92	0.6	33.29	6	6.7
*	BRSF83	30.94345297	-86.94014409	Santa Rosa	031401040401	Upper East Fork Big Coldwater Creek	Orie Nelson Rd	Blackwater River State Forest	3	0.67	0	0.0	62.94	0.92	0.6	34.64	6	6.7
	BRSF97	30.63713789	-86.8124186	Santa Rosa	031401030803	Milligan Creek-Yellow Creek	FFS Y16		3	0.67	5	4.0	10.29	0.89	0.6	5.52	2	6.7
	BRSF99	30.65662005	-86.77793152	Okaloosa	031401030803	Milligan Creek-Yellow Creek	FFS Y26		3	0.67	5	4.0	7.45	0.88	0.6	3.94	2	6.7
	ok-0223-r-003	30.66155937	-86.78568251	Okaloosa	031401030803	Milligan Creek-Yellow Creek	FFS Y30		3	0.67	5	4.0	4.92	0.88	1	4.33	2	6.7
	sm12152	30.91410334	-86.96453172	Santa Rosa	031401040402	Dixon Creek	Simmons Road		3	0.67	0	0.0	36.36	0.92	1	33.58	6	6.7
	12091_534999_3393186	30.67097069	-86.63462756	Okaloosa	031401030801	Turkey Gobbler Creek-Yellow River	610		5	0.40	4	3.2	14.69	0.84	0.7	8.62	3	6.6
*	ok-0318-r-003	30.67471077	-86.65080802	Okaloosa	031401030801	Turkey Gobbler Creek-Yellow River	Rattlesnake Bluff Rd	Eglin AFB	5	0.40	4	3.2	18.25	0.84	0.7	10.70	3	6.6
	wa-1005-r-006	30.77200457	-86.2949021	Walton	031401030504	Bottle Branch-Shoal River	Red Oak Ln		1	2.00	2	1.6	13.55	0.77	1	10.41	3	6.6
	12091_531634_3375239	30.5090163	-86.67029779	Okaloosa	031401050101	Turtle Creek	234		4	0.50	0	0.0	47.97	0.92	0.7	30.91	6	6.5
	12091_534017_3379198	30.54468166	-86.64534661	Okaloosa	031401050101	Turtle Creek	239		4	0.50	0	0.0	45.60	0.92	0.7	29.29	6	6.5
*	12091_550592_3390850	30.64924153	-86.47199094	Okaloosa	031401030703	Lower Titi Creek	456/557	Eglin AFB	1	2.00	3	2.4	8.63	0.80	0.7	4.84	2	6.4
	12091_550670_3395971	30.69541235	-86.47091963	Okaloosa	031401030703	Lower Titi Creek	211		1	2.00	3	2.4	10.79	0.80	0.7	6.03	2	6.4
	12091_552610_3394228	30.67964283	-86.45073679	Okaloosa	031401030703	Lower Titi Creek	450		1	2.00	3	2.4	6.32	0.80	0.7	3.51	2	6.4
	12113_511985_3384384	30.59181474	-86.74895916	Santa Rosa	031401030805	Boiling Creek	Eglin Tr		2	1.00	3	2.4	12.37	0.95	0.7	8.23	3	6.4
	12113_512807_3382406	30.57615947	-86.86951063	Santa Rosa	031401030805	Boiling Creek	211		2	1.00	3	2.4	9.48	0.93	0.7	9.48	3	6.4
	12113_513904_3378770	30.54120071	-86.85503959	Santa Rosa	031401030805	Boiling Creek	213		2	1.00	3	2.4	14.78	0.92	0.7	9.50	3	6.4
	Esc30	30.66247163	-87.31969444	Escambia	031403050601	Quintette Lake	Danielle Ln		2	1.00	3	2.4	8.54	0.88	1	7.48	3	6.4
	SR124	30.60484188	-86.98002792	Santa Rosa	031401040503	Wright Basin	None Located		1	2.00	3	2.4	4.34	0.98	1	4.26	2	6.4
	BRSF96	30.62240886	-86.8635368															

Preliminary List	Label	Latitude	Longitude	County	HUC 12	HUC Name	Road Name	Stakeholder	Priority	OFW Proximity	OFW Score	Total Species	Species Score	Calculated Erosion (tons/yr)	Delivered Fraction	Use Factor	Reduced Erosion Value (tons/yr)	RUSLE Score	Total Prioritization Score
*	12131_560188_3397423	30.70812293	-86.37147752	Walton	031401030702	Upper Titi Creek	Range Road 207	Eglin AFB	2	1.00	1	0.8	24.13	0.78	0.7	13.22	4	5.8	
	12131_564051_3396458	30.69923405	-86.33115224	Walton	031401030702	Upper Titi Creek	211		2	1.00	1	0.8	24.10	0.78	0.7	13.16	4	5.8	
*	12131_565482_3397417	30.70779178	-86.31576915	Walton	031401030702	Upper Titi Creek	211	Eglin AFB	2	1.00	1	0.8	23.34	0.78	0.7	12.74	4	5.8	
	BRSF06	30.68616285	-86.90005826	Santa Rosa	031401040205	Ninemile Creek-Blackwater River	FFS Hu7		1	2.00	1	0.8	19.19	0.95	0.6	10.95	3	5.8	
	BRSF104	30.94883314	-86.72971553	Okaloosa	031401040105	Rock Creek	FFS R158		1	2.00	1	0.8	22.65	0.90	0.6	12.27	3	5.8	
	BRSF115	30.68628706	-86.90005913	Santa Rosa	031401040205	Ninemile Creek-Blackwater River	FFS Hu7		1	2.00	1	0.8	13.47	0.95	0.6	7.69	3	5.8	
	BRSF134	30.86285937	-86.76302244	Santa Rosa	031401040203	Beaver Creek	None Located		1	2.00	1	0.8	22.09	0.92	0.6	12.20	3	5.8	
	BRSF146	30.95622339	-86.70854795	Okaloosa	031401040104	Middle Creek	None Located		1	2.00	1	0.8	19.93	0.90	0.6	10.77	3	5.8	
	BRSF149	30.93185898	-86.72217098	Okaloosa	031401040202	Bulpen Branch	FFS R152		1	2.00	1	0.8	14.91	0.91	0.6	8.10	3	5.8	
	BRSF164	30.90539623	-86.75783974	Okaloosa	031401040202	Bulpen Branch	FFS R47		1	2.00	1	0.8	15.22	0.91	0.6	8.29	3	5.8	
	BRSF167	30.90782543	-86.76881341	Okaloosa	031401040202	Bulpen Branch	FFS R44		1	2.00	1	0.8	20.85	0.91	0.6	11.35	3	5.8	
	BRSF174	30.96099288	-86.75606597	Okaloosa	031401040105	Rock Creek	FFS R13		1	2.00	1	0.8	19.90	0.90	0.6	10.78	3	5.8	
	BRSF21	30.78952216	-86.78687861	Okaloosa	031401040203	Beaver Creek	FFS B41		1	2.00	1	0.8	21.62	0.92	0.6	11.98	3	5.8	
	BRSF223	30.82176284	-86.92868319	Santa Rosa	031401040304	Lower Big Juniper Creek	FFS W34		1	2.00	1	0.8	14.80	0.94	0.6	8.35	3	5.8	
	BRSF224	30.82142643	-86.93304456	Santa Rosa	031401040304	Lower Big Juniper Creek	FFS W34		1	2.00	1	0.8	18.94	0.94	0.6	10.67	3	5.8	
	BRSF227	30.73362758	-86.97674754	Santa Rosa	031401040406	Big Coldwater Creek	None Located		1	2.00	1	0.8	12.92	0.95	0.6	7.38	3	5.8	
	BRSF235	30.75600804	-86.81367289	Santa Rosa	031401040205	Ninemile Creek-Blackwater River	Bud Bass Rd		1	2.00	1	0.8	20.04	0.67	0.6	8.04	3	5.8	
	BRSF24	30.76617219	-86.82446507	Santa Rosa	031401040205	Ninemile Creek-Blackwater River	FFS F74		1	2.00	1	0.8	21.35	0.67	0.6	8.56	3	5.8	
	BRSF251	30.77220421	-86.81708918	Santa Rosa	031401040205	Ninemile Creek-Blackwater River	FFS F73		1	2.00	1	0.8	21.57	0.67	0.6	8.85	3	5.8	
	BRSF253	30.69245329	-86.89339895	Santa Rosa	031401040205	Ninemile Creek-Blackwater River	FFS Hu10		1	2.00	1	0.8	18.79	0.95	0.6	10.72	3	5.8	
	BRSF26	30.76460227	-86.81467202	Santa Rosa	031401040205	Ninemile Creek-Blackwater River	FFS F87		1	2.00	1	0.8	18.60	0.67	0.6	7.46	3	5.8	
	sm12168	30.70095874	-86.95645689	Santa Rosa	031401040304	Lower Big Juniper Creek	Cabin Ln		1	2.00	1	0.8	8.26	0.96	1	7.95	3	5.8	
*	wa-0625-r-006	30.99448877	-86.37327162	Walton	031401030601	Fleming Creek-Pond Creek	Franklin Rd	Yellow River Study	2	1.00	1	0.8	19.27	0.75	1	14.47	4	5.8	
	12091_526104_3392721	30.66690044	-86.72748527	Okaloosa	031401030802	Metts Creek-Yellow River	697		4	0.50	4	3.2	6.73	0.87	0.7	4.07	2	5.7	
	12091_526732_3391594	30.65674191	-86.72097805	Okaloosa	031401030802	Metts Creek-Yellow River	Rattlesnake Bluff Rd		4	0.50	4	3.2	6.58	0.87	0.7	3.99	2	5.7	
	12091_526942_3391581	30.65661837	-86.71878462	Okaloosa	031401030802	Metts Creek-Yellow River	Rattlesnake Bluff Rd		4	0.50	4	3.2	5.97	0.87	0.7	3.61	2	5.7	
	12091_527547_3391664	30.65732823	-86.71247341	Okaloosa	031401030802	Metts Creek-Yellow River	Rattlesnake Bluff Rd		4	0.50	4	3.2	8.62	0.87	0.7	5.22	2	5.7	
	12091_521819_3366556	30.43088028	-86.77275107	Okaloosa	031401050104	Middle East Bay River	259		3	0.67	0	0.0	38.88	0.98	0.7	26.58	5	5.7	
	BRSF100	30.66271013	-86.77204814	Okaloosa	031401030803	Milligan Creek-Yellow Creek	FFS Y30		3	0.67	5	4.0	1.50	0.88	0.6	0.79	1	5.7	
	BRSF53	30.98640466	-86.99620516	Santa Rosa	031401040402	Dixon Creek	FFS C2		3	0.67	0	0.0	37.97	0.91	0.6	20.70	5	5.7	
	BRSF62	30.95775228	-87.01362906	Santa Rosa	031401040402	Dixon Creek	FFS C28		3	0.67	0	0.0	47.34	0.91	0.6	25.93	5	5.7	
	BRSF70	30.94628837	-86.98402285	Santa Rosa	031401040402	Dixon Creek	FFS C2		3	0.67	0	0.0	43.19	0.92	0.6	23.85	5	5.7	
	BRSF81	30.97987377	-86.94555747	Santa Rosa	031401040401	Upper East Fork Big Coldwater Creek	FFS C97		3	0.67	0	0.0	46.33	0.91	0.6	25.38	5	5.7	
	ok-0223-r-005	30.66283365	-86.77245532	Okaloosa	031401030803	Milligan Creek-Yellow Creek	FFS Y30		3	0.67	5	4.0	3.19	0.88	0.6	1.69	1	5.7	
	sm12146	30.9601888	-86.99747004	Santa Rosa	031401040402	Dixon Creek	Mason West Rd		3	0.67	0	0.0	22.77	0.91	1	20.82	5	5.7	
	SR121	30.91218566	-87.00558993	Santa Rosa	031401040402	Dixon Creek	Mason West Rd		3	0.67	0	0.0	23.66	0.92	1	21.78	5	5.7	
	BRSF181	30.89457984	-86.63192458	Okaloosa	031401030404	Deadfall Creek-Yellow River	FFS F63		8	0.25	3	2.4	21.11	0.79	0.6	10.01	3	5.7	
	BRSF200	30.89110352	-86.65765516	Okaloosa	031401030404	Deadfall Creek-Yellow River	FFS H34		8	0.25	3	2.4	23.15	0.79	0.6	10.95	3	5.7	
	BRSF196	30.92982828	-86.62114415	Okaloosa	031401030403	Big Horse Creek-Yellow River	FFS H27		9	0.22	3	2.4	19.04	0.78	0.6	8.89	3	5.6	
	12091_529574_3392937	30.6687874	-86.69128635	Okaloosa	031401030801	Turkey Gobbler Creek-Yellow River	665		5	0.40	4	3.2	10.34	0.85	0.7	6.18	2	5.6	
	12091_530020_3392169	30.66186139	-86.68664124	Okaloosa	031401030801	Turkey Gobbler Creek-Yellow River	Rattlesnake Bluff Rd		5	0.40	4	3.2	6.70	0.85	0.7	4.00	2	5.6	
	12091_530070_3392931	30.66866877	-86.68611801	Okaloosa	031401030801	Turkey Gobbler Creek-Yellow River	665		5	0.40	4	3.2	7.69	0.85	0.7	4.59	2	5.6	
	12091_530380_3392444	30.66427684	-86.68283102	Okaloosa	031401030801	Turkey Gobbler Creek-Yellow River	Rattlesnake Bluff Rd		5	0.40	4	3.2	11.97	0.85	0.7	7.14	2	5.6	
	12091_531322_3392596	30.6656121	-86.67299067	Okaloosa	031401030801	Turkey Gobbler Creek-Yellow River	Rattlesnake Bluff Rd		5	0.40	4	3.2	8.33	0.85	0.7	4.97	2	5.6	
	ok-0407-r-003	30.66159504	-86.68844168	Okaloosa	031401030801	Turkey Gobbler Creek-Yellow River	Rattlesnake Bluff Rd		5	0.40	4	3.2	12.14	0.85	0.7	7.25	2	5.6	
*	12091_550909_3396514	30.7003519	-86.4883667	Okaloosa	031401030703	Lower Titi Creek	220	Eglin AFB	1	2.00	3	2.4	4.31	0.80	0.7	2.41	1	5.4	
	12091_550952_3395730	30.69316	-86.4679884	Okaloosa	031401030703	Lower Titi Creek	211		1	2.00	3	2.4	3.97	0.80	0.7	2.22	1	5.4	
	12091_551311_3395698	30.69284134	-86.46425383	Okaloosa	031401030703	Lower Titi Creek	211		1	2.00	3	2.4	4.15	0.80	0.7	2.32	1	5.4	
	12113_512324_3384758	30.59522698	-86.87160932	Santa Rosa	031401030805	Boiling Creek	Eglin Tr		2	1.00	3	2.4	7.99	0.95	0.7	5.30	2	5.4	
	12113_512845_3385391	30.60093162	-86.86598828	Santa Rosa	031401030805	Boiling Creek	Eglin Tr		2	1.00	3	2.4	9.09	0.95	0.7	6.03	2	5.4	
sr-0414-r-006		30.56846268	-86.86756241	Santa Rosa	031401030805	Boiling Creek	211		2	1.00	3	2.4	9.22	0.92	0.7	5.94	2	5.4	
	Eac57	30.99491265	-87.36397079	Escambia	031403050401	Canoe Creek	Wawbeek Rd		5	0.40	1	0.8	18.41	0.74	1	13.56	4	5.2	
	sm12002	30.764043	-87.32446768	Escambia	031403050503	Delaney River	Barth Rd		3	0.67	3	2.4	5.84	0.81	1	4.72	2	5.1	
	BRSF121	30.95229032	-86.81538074	Santa Rosa	031401040301	Upper Sweetwater Creek	FFS S85		2	1.00	0	0.0	34.42	0.92	0.6	18.93	4	5.	

Preliminary List	Label	Latitude	Longitude	County	HUC 12	HUC Name	Road Name	Stakeholder Priority	OFW Proximity	OFW Score	Total Species	Species Score	Calculated Erosion (tons/yr)	Delivered Fraction	Use Factor	Reduced Erosion Value (tons/yr)	RUSLE Score	Total Prioritization Score
	BRSF168	30.91106195	-86.76836503	Okaaloosa	031401040202	Bulpen Branch	FFS R44		1	2.00	1	0.8	9.16	0.91	0.6	4.98	2	4.8
	BRSF179	30.93358379	-86.77545028	Okaaloosa	031401040105	Rock Creek	FFS R27		1	2.00	1	0.8	9.13	0.90	0.6	4.93	2	4.8
	BRSF19	30.82482987	-86.74826546	Okaaloosa	031401040203	Beaver Creek	FFS B31		1	2.00	1	0.8	10.16	0.92	0.6	5.59	2	4.8
	BRSF236	30.81195806	-86.92640657	Santa Rosa	031401040304	Lower Big Juniper Creek	FFS F8		1	2.00	1	0.8	8.71	0.94	0.6	4.92	2	4.8
	BRSF25	30.76473336	-86.82217892	Santa Rosa	031401040205	Ninemile Creek-Blackwater River	FFS F87		1	2.00	1	0.8	11.74	0.87	0.6	4.71	2	4.8
	BRSF284	30.88808082	-86.72566571	Okaaloosa	031401040202	Bulpen Branch	FFS R57		1	2.00	1	0.8	7.54	0.91	0.6	4.12	2	4.8
	BRSF286	30.76115901	-86.98420373	Santa Rosa	031401040406	Big Coldwater Creek	FFS W61		1	2.00	1	0.8	11.91	0.95	0.6	6.76	2	4.8
	BRSF29	30.75380194	-86.83026905	Santa Rosa	031401040205	Ninemile Creek-Blackwater River	FFS F81		1	2.00	1	0.8	11.69	0.87	0.6	4.69	2	4.8
	BRSF94	30.88689311	-86.72718727	Okaaloosa	031401040202	Bulpen Branch	FFS R57		1	2.00	1	0.8	12.78	0.91	0.6	6.98	2	4.8
	Eso45	30.97951867	-87.27564841	Escambia	031403050402	Hobbs Branch	Backwoods Rd		5	0.40	3	2.4	8.84	0.61	1	5.43	2	4.8
	sm12163	30.75593647	-86.81354782	Santa Rosa	031401040205	Ninemile Creek-Blackwater River	Bud Bass Rd		1	2.00	1	0.8	9.19	0.87	0.6	3.69	2	4.8
	SR03	30.70810582	-87.16395664	Santa Rosa	031401040501	Upper Pond Creek-Blackwater River	Arbor Ridge Rd		2	1.00	1	0.8	8.01	0.96	1	7.72	3	4.8
	wa-0617-r-003	30.93683762	-86.37254182	Walton	031401030601	Fleming Creek-Pond Creek	Frost Ln		2	1.00	1	0.8	13.18	0.76	1	9.98	3	4.8
	wa-0706-r-004	30.93331988	-86.37261826	Walton	031401030601	Fleming Creek-Pond Creek	Frost Ln		2	1.00	1	0.8	13.87	0.76	1	10.50	3	4.8
	12091_527133_3391580	30.65650281	-86.71678833	Okaaloosa	031401030802	Metts Creek-Yellow River	Rattlesnake Bluff Rd		4	0.50	4	3.2	2.36	0.87	0.7	1.43	1	4.7
	12091_527697_3391567	30.65640743	-86.71086937	Okaaloosa	031401030802	Metts Creek-Yellow River	Rattlesnake Bluff Rd		4	0.50	4	3.2	4.40	0.87	0.7	2.66	1	4.7
	12091_528824_3392857	30.66808803	-86.69911062	Okaaloosa	031401030802	Metts Creek-Yellow River	667		4	0.50	4	3.2	3.52	0.85	0.7	2.11	1	4.7
	12091_521159_3368868	30.45178006	-86.7795208	Okaaloosa	031401050104	Middle East Bay River	678		3	0.67	0	0.0	25.19	0.57	0.7	17.09	4	4.7
	12091_521892_3368906	30.45188913	-86.7720895	Okaaloosa	031401050104	Middle East Bay River	678		3	0.67	0	0.0	20.30	0.58	0.7	13.88	4	4.7
	12091_522092_3365882	30.42477351	-86.76903369	Okaaloosa	031401050104	Middle East Bay River	668		3	0.67	0	0.0	24.99	0.58	0.7	17.09	4	4.7
	12091_522296_3368930	30.45227957	-86.76775879	Okaaloosa	031401050104	Middle East Bay River	255678		3	0.67	0	0.0	20.71	0.96	0.7	13.90	4	4.7
	12091_525071_3368430	30.42968728	-86.73891391	Okaaloosa	031401050103	Upper East Bay River	Range Road 253		3	0.67	0	0.0	19.64	0.95	0.7	13.04	4	4.7
	BRSF48	30.9433519	-86.9683189	Santa Rosa	031401040402	Dixon Creek	FFS C44		3	0.67	0	0.0	26.73	0.92	0.6	14.80	4	4.7
	BRSF49	30.94961602	-86.98087232	Santa Rosa	031401040402	Dixon Creek	FFS C40		3	0.67	0	0.0	32.12	0.92	0.6	17.74	4	4.7
	BRSF66	30.91360948	-87.0039686	Santa Rosa	031401040402	Dixon Creek	FFS C81		3	0.67	0	0.0	34.64	0.92	0.6	19.14	4	4.7
	BRSF72	30.95778703	-86.99705222	Santa Rosa	031401040402	Dixon Creek	Mason West Rd		3	0.67	0	0.0	24.14	0.91	0.6	13.24	4	4.7
	BRSF80	30.96672948	-86.94796016	Santa Rosa	031401040401	Upper East Fork Big Coldwater Creek	FFS C55		3	0.67	0	0.0	25.95	0.91	0.6	14.22	4	4.7
	sm12144	30.93544861	-86.99734959	Santa Rosa	031401040402	Dixon Creek	FFS C37		3	0.67	0	0.0	13.75	0.92	1	12.66	4	4.7
	SR119	30.90429228	-87.00815165	Santa Rosa	031401040402	Dixon Creek	Pine Grove Rd		3	0.67	0	0.0	15.51	0.92	1	14.28	4	4.7
	BRSF190	30.98579003	-86.62193038	Okaaloosa	031401030403	Big Horse Creek-Yellow River	FSS H2		9	0.22	3	2.4	9.22	0.77	0.6	4.28	2	4.6
	BRSF201	30.91098221	-86.53897525	Okaaloosa	031401030403	Big Horse Creek-Yellow River	N Karick Lake Rd		9	0.22	3	2.4	8.88	0.77	0.6	4.10	2	4.6
	BRSF202	30.94891052	-86.58834594	Okaaloosa	031401030403	Big Horse Creek-Yellow River	FFS H23		9	0.22	3	2.4	7.90	0.79	0.6	3.63	2	4.6
	BRSF248	30.98520284	-86.81867646	Okaaloosa	031401030403	Big Horse Creek-Yellow River	FFS H2		9	0.22	3	2.4	8.32	0.77	0.6	3.86	2	4.6
	BRSF249	30.91161643	-86.62808339	Okaaloosa	031401030403	Big Horse Creek-Yellow River	FFS H75		9	0.22	3	2.4	15.84	0.77	0.6	7.32	2	4.6
	ok-0407-r-001	30.64697751	-86.61679075	Okaaloosa	031401030801	Turkey Gobbler Creek-Yellow River	Range Road 215		5	0.40	4	3.2	0.00	0.84	0.7	0.00	1	4.6
	sm17334	30.76750424	-86.28769942	Walton	031401030504	Bottle Branch-Shoal River	None Located		1	2.00	2	1.6	0.00	0.77	1	0.00	1	4.6
	wa-0707-r-002	30.7676359	-86.28807042	Walton	031401030504	Bottle Branch-Shoal River	None Located		1	2.00	2	1.6	0.00	0.77	1	0.00	1	4.6
	Wal59	30.8076806	-86.34635458	Walton	031401030504	Bottle Branch-Shoal River	None Located		1	2.00	2	1.6	0.00	0.77	1	0.00	1	4.6
	12113_512411_3384953	30.59695719	-86.87045013	Santa Rosa	031401030805	Boiling Creek	Eglin Tr		2	1.00	3	2.4	1.43	0.95	0.7	0.95	1	4.4
	sm11999	30.76578409	-87.32449475	Escambia	031403050503	Delaney River	Barth Rd		3	0.67	3	2.4	2.68	0.81	1	2.17	1	4.1
	BRSF02	30.83214553	-86.91172427	Santa Rosa	031401040303	Upper Big Juniper Creek	Coldwater Horse Tr		2	1.00	0	0.0	13.24	0.94	0.6	7.46	3	4.0
	BRSF07	30.83221193	-86.92394187	Santa Rosa	031401040303	Upper Big Juniper Creek	Coldwater Horse Tr		2	1.00	0	0.0	14.52	0.94	0.6	8.17	3	4.0
	BRSF118	30.91703983	-86.83237719	Santa Rosa	031401040302	Lower Sweetwater Creek	FFS S60		2	1.00	0	0.0	18.44	0.92	0.6	10.23	3	4.0
	BRSF122	30.9509622	-86.80333075	Santa Rosa	031401040301	Upper Sweetwater Creek	FFS S83	Blackwater River State Forest	2	1.00	0	0.0	17.83	0.92	0.6	9.81	3	4.0
	BRSF133	30.978565	-86.87572519	Santa Rosa	031401040303	Upper Big Juniper Creek	FFS S7		2	1.00	0	0.0	18.91	0.92	0.6	10.45	3	4.0
	BRSF153	30.91563711	-86.68419157	Okaaloosa	031401040201	Narrows Creek-Panther Creek	FFS R137		1	2.00	0	0.0	6.85	0.91	0.6	3.73	2	4.0
	BRSF162	30.87410766	-86.68982295	Okaaloosa	031401040201	Narrows Creek-Panther Creek	FFS R107		1	2.00	0	0.0	9.85	0.91	0.6	5.40	2	4.0
	BRSF176	30.92505104	-86.64602874	Okaaloosa	031401040201	Narrows Creek-Panther Creek	FFS R148		1	2.00	0	0.0	8.01	0.90	0.6	4.35	2	4.0
	BRSF209	30.8264871	-86.99007888	Santa Rosa	031401040403	Lower East Fork of Big Coldwater Creek	FFS W9		2	1.00	0	0.0	21.90	0.94	0.6	12.31	3	4.0
	BRSF216	30.84708043	-86.92257302	Santa Rosa	031401040303	Upper Big Juniper Creek	FFS W28		2	1.00	0	0.0	21.84	0.94	0.6	12.29	3	4.0
	BRSF244	30.85866637	-86.82022613	Santa Rosa	031401040302	Lower Sweetwater Creek	FFS S160		2	1.00	0	0.0	18.79	0.93	0.6	10.52	3	4.0
	BRSF246	30.87777546	-86.68982129	Okaaloosa	031401040201	Narrows Creek-Panther Creek	FFS R107		1	2.00	0	0.0	9.02	0.91	0.6	4.93	2	4.0
	BRSF35	30.90111751	-86.93840239	Santa Rosa	031401040403	Lower East Fork of Big Coldwater Creek	FFS C166		2	1.00	0	0.0	18.66	0.92	0.6	10.35	3	4.0
	BRSF36	30.89301637	-86.93818072	Santa Rosa	031401040403	Lower East Fork of Big Coldwater Creek	FFS C166		2	1.00	0	0.0	20.55	0.93	0.6	11.52	3	4.0
	BRSF43	30.90485297	-86.92141371	Santa Rosa	031401040303	Upper Big Juniper Creek	FFS C161		2	1.00	0	0.0	13.22	0.93	0.6	7.39	3	4.0
	BRSF44	30.90875026	-86.92089676	Santa Rosa	031401040303	Upper Big Juniper Creek	FFS C148		2	1.00	0	0.0	13.38	0.93	0.6	7.47	3	4.0
	BRSF79	30.8909817	-86.93990487	Santa Rosa	031401040403	Lower East Fork of Big Coldwater Creek	FFS C164		2	1.00	0	0.0	16.93	0.93	0.6	9.49	3	4.0
	BRSF86	30.94543008	-86.87036497	Santa Rosa	031401040303	Upper Big Juniper Creek	FFS S25		2	1.00	0	0.0	21.68	0.93	0.6	12.04	3	4.0
	BRSF87	30.95785945	-86.87162277	Santa Rosa	031401040303	Upper Big Juniper Creek	FFS S23		2	1.00	0	0.0	17.99	0.92	0.6	9.96	3	4.0
	BRSF91	30.89221978	-86.70306517	Okaaloosa	031401040201	Narrows Creek-Panther Creek	FFS R110		1	2.00	0	0.0	12.73	0.91	0.6	6.95	2	4.0
	BRSF92	30.8914176	-86.69931905	Okaaloosa	031401040201	Narrows Creek-Panther Creek	FFS R110		1	2.00	0	0.0	9.51	0.91	0.6	5.19	2	4.0
	sm12172	30.89089222	-86.9356756	Santa Rosa	031401040403	Lower East Fork of Big Coldwater Creek	FFS C164		2	1.00	0	0.0	10.29	0.93	1	9.61	3	4.0
	sm12188	30.98131389	-86.83261594	Santa Rosa	031401040301	Upper Sweetwater Creek	Bracken Rd		2	1.00	0	0.0	12.20	0.91	1	11.14	3	4.0
	Wal62	30.87646365	-86.3668316	Walton	031401030603	Pine Log Creek	None Located		2	1.00	0	0.0	9.63	0.77	1	7.42	3	4.0
	12091_553234_3397200	30.70644192	-86.44405604	Okaaloosa	031401030702	Upper Titi Creek	Range Road 207		2	1.00	1	0.8	12.72	0.79	0.7	7.07	2	3.8
	12091_555710_3394985	30.68634591	-86.41831011	Okaaloosa	031401030702	Upper Titi Creek	531		2	1.00	1	0.8	10.19	0.79	0.7	5.63	2	3.8
	12113_505334_3371297	30.47353335	-86.94391465	Santa Rosa	031401050201	Fundy Bayou-Dean Creek Frontal	Eglin Tr		1	2.00	1	0.8	3.53	1.00	0.7	2.47	1	3.8
	12131_559232_3397332	30.70736111	-86.3814374	Walton	031401030702	Upper Titi Creek												

Preliminary List	Label	Latitude	Longitude	County	HUC 12	HUC Name	Road Name	Stakeholder Priority	OFW Proximity	OFW Score	Total Species	Species Score	Calculated Erosion (tons/yr)	Delivered Fraction	Use Factor	Reduced Erosion Value (tons/yr)	RUSLE Score	Total Prioritization Score
	BRSF23	30.77006399	-86.82495119	Santa Rosa	031401040205	Ninemile Creek-Blackwater River	FFS F74		1	2.00	1	0.8	4.90	0.67	0.6	1.96	1	3.8
	BRSF232	30.82107943	-86.82004222	Santa Rosa	031401040203	Beaver Creek	FFS F53		1	2.00	1	0.8	4.29	0.92	0.6	2.37	1	3.8
	BRSF237	30.69221305	-86.90966805	Santa Rosa	031401040304	Lower Big Juniper Creek	None Located		1	2.00	1	0.8	0.70	0.96	0.6	0.40	1	3.8
	BRSF238	30.69035792	-86.91505776	Santa Rosa	031401040304	Lower Big Juniper Creek	None Located		1	2.00	1	0.8	3.12	0.96	0.6	1.80	1	3.8
	BRSF239	30.68940762	-86.91859521	Santa Rosa	031401040304	Lower Big Juniper Creek	None Located		1	2.00	1	0.8	2.61	0.96	0.6	1.50	1	3.8
	BRSF240	30.68844222	-86.92039421	Santa Rosa	031401040304	Lower Big Juniper Creek	None Located		1	2.00	1	0.8	5.47	0.96	0.6	3.15	1	3.8
	BRSF252	30.72389965	-86.80056277	Santa Rosa	031401040205	Ninemile Creek-Blackwater River	FFS J221		1	2.00	1	0.8	2.55	0.94	0.6	1.44	1	3.8
	BRSF258	30.77142796	-86.99918657	Santa Rosa	031401040406	Big Coldwater Creek	FFS W64		1	2.00	1	0.8	4.43	0.95	0.6	2.52	1	3.8
	BRSF28	30.75100971	-86.83048631	Santa Rosa	031401040205	Ninemile Creek-Blackwater River	FFS F81		1	2.00	1	0.8	8.02	0.67	0.6	3.22	1	3.8
	BRSF95	30.89077959	-86.72528382	Oakaloosa	031401040202	Bulpen Branch	FFS R57		1	2.00	1	0.8	3.57	0.91	0.6	1.95	1	3.8
	Esc41	30.93418839	-87.26953411	Escambia	031403050402	Hobbs Branch	Bluff Springs Rd		5	0.40	3	2.4	3.24	0.74	1	2.41	1	3.8
	Esc43	30.95189508	-87.27982044	Escambia	031403050402	Hobbs Branch	Findley Rd		5	0.40	3	2.4	1.63	0.73	1	1.19	1	3.8
	Oka41	30.96475126	-86.70884295	Oakaloosa	031401040104	Middle Creek	None Located		1	2.00	1	0.8	1.19	0.90	1	1.07	1	3.8
*	sm11997	30.97499632	-87.29857424	Escambia	031403050402	Hobbs Branch	None Located	SARP	5	0.40	3	2.4	48.90	0.02	1	1.04	1	3.8
	sm12162	30.79607925	-86.97799528	Santa Rosa	031401040203	Beaver Creek	None Located		1	2.00	1	0.8	0.00	0.92	1	0.00	1	3.8
	SR103	30.41719424	-86.91793083	Santa Rosa	031401050202	Tom King Bayou-Butcher Pen Cove Frontal	None Located		1	2.00	1	0.8	1.41	1.00	1	1.41	1	3.8
	SR108	30.43998953	-86.94196956	Santa Rosa	031401050202	Tom King Bayou-Butcher Pen Cove Frontal	None Located		1	2.00	1	0.8	0.00	1.00	1	0.00	1	3.8
*	SR13	30.41588039	-86.91784264	Santa Rosa	031401050202	Tom King Bayou-Butcher Pen Cove Frontal	Tafton St	County	1	2.00	1	0.8	2.09	1.00	1	2.09	1	3.8
	12091_521414_3366665	30.43185857	-86.77698667	Oakaloosa	031401050104	Middle East Bay River	Range Road 255		3	0.67	0	0.0	10.87	0.98	0.7	7.43	3	3.7
	12091_521466_3368872	30.43517763	-86.77640502	Oakaloosa	031401050104	Middle East Bay River	678		3	0.67	0	0.0	10.95	0.98	0.7	7.49	3	3.7
	12091_521847_3366624	30.43157155	-86.77427214	Oakaloosa	031401050104	Middle East Bay River	259		3	0.67	0	0.0	12.77	0.98	0.7	8.73	3	3.7
*	12091_525360_3370251	30.46417201	-86.73581798	Oakaloosa	031401050102	Live Oak Creek	253	Eglin AFB	3	0.67	0	0.0	11.43	0.94	0.7	7.49	3	3.7
	12091_525517_3367064	30.43536004	-86.73421547	Oakaloosa	031401050102	Live Oak Creek	Range Road 253		3	0.67	0	0.0	12.44	0.95	0.7	8.26	3	3.7
	12091_527273_3380491	30.55641995	-86.71550104	Oakaloosa	031401050102	Live Oak Creek	660		3	0.67	0	0.0	12.80	0.92	0.7	8.26	3	3.7
	12091_527463_3372087	30.48068904	-86.71385767	Oakaloosa	031401050102	Live Oak Creek	253		3	0.67	0	0.0	12.33	0.93	0.7	8.02	3	3.7
	BRSF108	30.93130942	-86.95590325	Santa Rosa	031401040401	Upper East Fork Big Coldwater Creek	FFS C66		3	0.67	0	0.0	20.43	0.92	0.6	11.29	3	3.7
	BRSF50	30.97362893	-86.96632186	Santa Rosa	031401040402	Dixon Creek	FFS C50		3	0.67	0	0.0	14.87	0.92	0.6	8.23	3	3.7
	BRSF57	30.94168563	-87.00417017	Santa Rosa	031401040402	Dixon Creek	FFS C36		3	0.67	0	0.0	16.84	0.92	0.6	9.30	3	3.7
	BRSF63	30.97374854	-87.02715772	Santa Rosa	031401040402	Dixon Creek	FFS C20		3	0.67	0	0.0	14.36	0.91	0.6	7.87	3	3.7
	BRSF65	30.94997959	-86.98675645	Santa Rosa	031401040402	Dixon Creek	FFS C40		3	0.67	0	0.0	13.64	0.92	0.6	7.53	3	3.7
	BRSF85	30.99676582	-86.98154928	Santa Rosa	031401040402	Dixon Creek	FFS C45		3	0.67	0	0.0	17.09	0.90	0.6	9.27	3	3.7
	BRSF183	30.91157866	-86.62498588	Oakaloosa	031401030403	Big Horse Creek-Yellow River	FFS H75		9	0.22	3	2.4	5.89	0.77	0.6	2.72	1	3.6
	BRSF184	30.91150366	-86.62244926	Oakaloosa	031401030403	Big Horse Creek-Yellow River	FFS H75		9	0.22	3	2.4	2.82	0.77	0.6	1.31	1	3.6
	BRSF185	30.91133482	-86.62084438	Oakaloosa	031401030403	Big Horse Creek-Yellow River	FFS H75		9	0.22	3	2.4	5.60	0.77	0.6	2.59	1	3.6
	BRSF188	30.98583239	-86.6095653	Oakaloosa	031401030403	Big Horse Creek-Yellow River	FFS H4		9	0.22	3	2.4	3.44	0.77	0.6	1.60	1	3.6
	BRSF189	30.98332372	-86.61768469	Oakaloosa	031401030403	Big Horse Creek-Yellow River	FFS H2		9	0.22	3	2.4	2.04	0.77	0.6	0.94	1	3.6
	BRSF191	30.98168545	-86.62206636	Oakaloosa	031401030403	Big Horse Creek-Yellow River	FFS H2		9	0.22	3	2.4	3.46	0.77	0.6	1.60	1	3.6
	BRSF192	30.94809611	-86.61674704	Oakaloosa	031401030403	Big Horse Creek-Yellow River	FSS H11		9	0.22	3	2.4	4.93	0.77	0.6	2.29	1	3.6
	BRSF193	30.92597748	-86.60869402	Oakaloosa	031401030403	Big Horse Creek-Yellow River	FFS H27		9	0.22	3	2.4	1.71	0.78	0.6	0.80	1	3.6
	BRSF194	30.92620225	-86.61149592	Oakaloosa	031401030403	Big Horse Creek-Yellow River	FFS H27		9	0.22	3	2.4	6.91	0.78	0.6	3.23	1	3.6
	BRSF195	30.92658337	-86.61391655	Oakaloosa	031401030403	Big Horse Creek-Yellow River	FFS H27		9	0.22	3	2.4	6.53	0.78	0.6	3.05	1	3.6
	BRSF200	30.96355431	-86.61838704	Oakaloosa	031401030403	Big Horse Creek-Yellow River	FFS H2		9	0.22	3	2.4	0.77	0.77	0.6	0.34	1	3.6
	Esc07	30.91634268	-87.49290369	Escambia	031403050502	Little Pine Barren Creek	Smith Ln		4	0.50	1	0.8	6.38	0.59	1	3.77	2	3.3
	Esc05	30.94428803	-87.43685877	Escambia	031403050501	Sandy Hollow-Pine Barren Creek	Toler Rd		5	0.40	1	0.8	9.57	0.76	1	7.29	2	3.2
	Esc58	30.99783771	-87.36226444	Escambia	031403050401	Canoe Creek	Wawbeek Rd		5	0.40	1	0.8	6.90	0.74	1	5.08	2	3.2
	BRSF01	30.83219622	-86.91950853	Santa Rosa	031401040303	Upper Big Juniper Creek	Coldwater Horse Tr		2	1.00	0	0.0	8.63	0.94	0.6	4.85	2	3.0
	BRSF03	30.83273666	-86.95514184	Santa Rosa	031401040403	Lower East Fork of Big Coldwater Creek	Coldwater Horse Tr		2	1.00	0	0.0	12.55	0.93	0.6	7.03	2	3.0
	BRSF09	30.83227235	-86.93429881	Santa Rosa	031401040303	Upper Big Juniper Creek	Coldwater Horse Tr		2	1.00	0	0.0	8.03	0.94	0.6	4.52	2	3.0
	BRSF10	30.83249981	-86.94649991	Santa Rosa	031401040403	Lower East Fork of Big Coldwater Creek	Coldwater Horse Tr		2	1.00	0	0.0	11.96	0.93	0.6	6.70	2	3.0
	BRSF12	30.83267089	-86.8322214	Santa Rosa	031401040302	Lower Sweetwater Creek	FFS F26		2	1.00	0	0.0	7.33	0.93	0.6	4.10	2	3.0
	BRSF120	30.90327233	-86.8744671	Santa Rosa	031401040303	Upper Big Juniper Creek	FFS S45		2	1.00	0	0.0	12.33	0.93	0.6	6.88	2	3.0
	BRSF123	30.911281515	-86.82833368	Santa Rosa	031401040303	Lower Sweetwater Creek	FFS S88		2	1.00	0	0.0	7.52	0.92	0.6	7.20	2	3.0
	BRSF128	30.97819593	-86.79189805	Santa Rosa	031401040301	Upper Sweetwater Creek	FFS S116		2	1.00	0	0.0	10.42	0.91	0.6	5.71	2	3.0
	BRSF13	30.83508901	-86.82739124	Santa Rosa	031401040302	Lower Sweetwater Creek	FFS F26		2	1.00	0	0.0	9.01	0.93	0.6	5.04	2	3.0
	BRSF15	30.83945217	-86.8230083	Santa Rosa	031401040302	Lower Sweetwater Creek	FFS F26		2	1.00	0	0.0	8.99	0.93	0.6	5.03	2	3.0
	BRSF169	30.87009418	-86.6823559	Oakaloosa	031401040201	Narrows Creek-Panther Creek	FFS R105		1	2.00	0	0.0	4.65	0.91	0.6	2.55	1	3.0
	BRSF170	30.89068508	-86.66446648	Oakaloosa	031401040201	Narrows Creek-Panther Creek	None Located		1	2.00	0	0.0	3.10	0.91	0.6	1.69	1	3.0
*	BRSF172	30.90876782	-86.6894583	Oakaloosa	031401040201	Narrows Creek-Panther Creek	FFS R135	Blackwater River State Forest	1	2.00	0	0.0	4.06	0.91	0.6	2.21	1	3.0
	BRSF210	30.86574992	-86.97246475	Santa Rosa	031401040403	Lower East Fork of Big Coldwater Creek	FFS W12		2	1.00	0	0.0	12.12	0.94	0.6	6.81	2	3.0
	BRSF212	30.83434478	-86.92488033	Santa Rosa	031401040303	Upper Big Juniper Creek	FFS W23		2	1.00	0	0.0	7.51	0.94	0.6	4.23	2	3.0
	BRSF213	30.8347445	-86.92116972	Santa Rosa	031401040303	Upper Big Juniper Creek	FFS W23		2	1.00	0	0.0	8.82	0.94	0.6	4.96	2	3.0
	BRSF214	30.83692256	-86.9227861	Santa Rosa	031401040303	Upper Big Juniper Creek	None Located		2	1.00	0	0.0	8.36	0.92	0.6	4.04	2	3.0
	BRSF215	30.84216715	-86.82268286	Santa Rosa	031401040303	Upper Big Juniper Creek	None Located		2	1.00	0	0.0	8.22	0.94	0.6	4.63	2	3.0
	BRSF217	30.84733149	-86.88832188	Santa Rosa	031401040302	Lower Sweetwater Creek	FFS W41		2	1.00	0	0.0	9.04	0.94	0.6	5.09	2	3.0
	BRSF219	30.87203857	-86.96221595	Santa Rosa	031401040403	Lower East Fork of Big Coldwater Creek	None Located		2	1.00	0	0.0	8.42	0.93	0.6	4.72	2	3.0
	BRSF225	30.86229338	-86.96699435	Santa Rosa	031401040403	Lower East Fork of Big Coldwater Creek	FFS W13		2	1.00	0	0.0	11.68	0.93	0.6	6.55	2	3.0
*	BRSF247	30.91908846	-86.68721551	Oakaloosa	031401040201	Narrows Creek-Panther Creek	FFS R138	Blackwater River State Forest	1	2.00	0	0.0	4.52	0.91	0.6	2.46	1	3.0
	BRSF31	30.88471184	-86.93821909	Santa Rosa	031401040403	Lower East Fork of Big Coldwater Creek	FFS C166		2	1.00	0	0.0	6.04	0.93	0.6	3.38	2	3.0

Preliminary List	Label	Latitude	Longitude	County	HUC 12	HUC Name	Road Name	Stakeholder Priority	OFW Proximity	OFW Score	Total Species	Species Score	Calculated Erosion (tons/yr)	Delivered Fraction	Use Factor	Reduced Erosion Value (tons/yr)	RUSLE Score	Total Prioritization Score
	12131_560561_3396760	30.70212892	-86.36759567	Walton	031401030702	Upper Titi Creek	211		2	1.00	1	0.8	4.15	0.78	0.7	2.28	1	2.8
	12131_562587_3397493	30.70865169	-86.34638464	Walton	031401030702	Upper Titi Creek	Range Road 207		2	1.00	1	0.8	0.59	0.78	0.7	0.32	1	2.8
	12131_562634_3397494	30.70865008	-86.34589438	Walton	031401030702	Upper Titi Creek	Range Road 207		2	1.00	1	0.8	0.18	0.78	0.7	0.10	1	2.8
	12131_562665_3397493	30.70864632	-86.34557293	Walton	031401030702	Upper Titi Creek	Range Road 207		2	1.00	1	0.8	0.32	0.78	0.7	0.17	1	2.8
	12131_564048_3396290	30.69769175	-86.33122335	Walton	031401030702	Upper Titi Creek	None Located		2	1.00	1	0.8	2.08	0.78	0.7	1.14	1	2.8
	12091_521038_3366664	30.43182819	-86.7869264	Okaloosa	031401050104	Middle East Bay River	Range Road 255		3	0.67	0	0.0	8.10	0.98	0.7	5.54	2	2.7
	BRSF241	30.94942330	-86.98182857	Santa Rosa	031401040402	Dixon Creek	FFS C40		3	0.67	0	0.0	10.78	0.92	0.6	5.95	2	2.7
	BRSF47	30.95227935	-86.95842904	Santa Rosa	031401040402	Dixon Creek	FFS C61		3	0.67	0	0.0	7.16	0.92	0.6	3.96	2	2.7
	BRSF52	30.97433326	-86.96237341	Santa Rosa	031401040402	Dixon Creek	FFS C50		3	0.67	0	0.0	12.30	0.92	0.6	6.81	2	2.7
	BRSF55	30.93538338	-86.99265782	Santa Rosa	031401040402	Dixon Creek	FFS C37		3	0.67	0	0.0	10.63	0.92	0.6	5.87	2	2.7
	BRSF58	30.94852749	-87.01740803	Santa Rosa	031401040402	Dixon Creek	FFS C30		3	0.67	0	0.0	12.47	0.91	0.6	6.83	2	2.7
	BRSF60	30.94927496	-87.02011167	Santa Rosa	031401040402	Dixon Creek	FFS C30		3	0.67	0	0.0	8.29	0.91	0.6	4.54	2	2.7
	BRSF61	30.95685571	-87.0152646	Santa Rosa	031401040402	Dixon Creek	FFS C30		3	0.67	0	0.0	11.02	0.91	0.6	6.04	2	2.7
	BRSF64	30.94963499	-86.99400072	Santa Rosa	031401040402	Dixon Creek	None Located		3	0.67	0	0.0	6.65	0.92	0.6	3.66	2	2.7
	BRSF69	30.93531611	-86.98820564	Santa Rosa	031401040402	Dixon Creek	FFS C37		3	0.67	0	0.0	7.19	0.92	0.6	3.97	2	2.7
	BRSF71	30.95308045	-86.99321116	Santa Rosa	031401040402	Dixon Creek	FFS C40		3	0.67	0	0.0	12.09	0.92	0.6	6.65	2	2.7
	BRSF76	30.92152594	-86.95592315	Santa Rosa	031401040401	Upper East Fork Big Coldwater Creek	FFS C69		3	0.67	0	0.0	9.78	0.92	0.6	5.42	2	2.7
	BRSF77	30.90654769	-86.98109563	Santa Rosa	031401040402	Dixon Creek	FFS C84		3	0.67	0	0.0	11.16	0.92	0.6	6.18	2	2.7
*	BRSF82	30.94867608	-86.95127325	Santa Rosa	031401040401	Upper East Fork Big Coldwater Creek	Orie Nelson Rd	Blackwater River State Forest Blackwater River State Forest	3	0.67	0	0.0	8.51	0.92	0.6	4.69	2	2.7
*	BRSF84	30.94507924	-86.94751576	Santa Rosa	031401040401	Upper East Fork Big Coldwater Creek	FFS C130		3	0.67	0	0.0	7.46	0.92	0.6	4.11	2	2.7
	BRSF90	30.95234932	-87.00998088	Santa Rosa	031401040402	Dixon Creek	FFS C34		3	0.67	0	0.0	7.41	0.91	0.6	4.06	2	2.7
	sm12150	30.94341379	-86.96844494	Santa Rosa	031401040402	Dixon Creek	FFS C44		3	0.67	0	0.0	6.60	0.92	0.6	3.66	2	2.7
	Esc06	30.86062808	-87.43445012	Escambia	031403050502	Little Pine Barren Creek	Howell Rd		4	0.50	1	0.8	0.00	0.77	1	0.00	1	2.3
	sm1193	30.99756587	-87.4653535	Escambia	031403050501	Sandy Hollow-Pine Barren Creek	Hodges Rd		5	0.40	1	0.8	2.57	0.76	1	1.95	1	2.2
	BRSF08	30.83226695	-86.92924925	Santa Rosa	031401040303	Upper Big Juniper Creek	Coldwater Horse Tr		2	1.00	0	0.0	5.56	0.94	0.6	3.13	1	2.0
	BRSF102	30.8469499	-86.93654363	Santa Rosa	031401040303	Upper Big Juniper Creek	FFS W26		2	1.00	0	0.0	5.31	0.94	0.6	2.99	1	2.0
	BRSF127	30.98129975	-86.78629386	Santa Rosa	031401040301	Upper Sweetwater Creek	FFS S115		2	1.00	0	0.0	4.62	0.91	0.6	2.53	1	2.0
	BRSF14	30.83702679	-86.82536028	Santa Rosa	031401040302	Lower Sweetwater Creek	FFS F26		2	1.00	0	0.0	4.81	0.93	0.6	2.69	1	2.0
	BRSF17	30.83330793	-86.83458475	Santa Rosa	031401040302	Lower Sweetwater Creek	FFS F33		2	1.00	0	0.0	5.75	0.93	0.6	3.22	1	2.0
	BRSF18	30.83912932	-86.83820211	Santa Rosa	031401040302	Lower Sweetwater Creek	FFS F33		2	1.00	0	0.0	5.18	0.93	0.6	2.90	1	2.0
	BRSF220	30.86229406	-86.96698547	Santa Rosa	031401040403	Lower East Fork of Big Coldwater Creek	FFS W13		2	1.00	0	0.0	1.14	0.93	0.6	0.64	1	2.0
	BRSF233	30.83050361	-86.90827314	Santa Rosa	031401040303	Upper Big Juniper Creek	FFS F6		2	1.00	0	0.0	1.80	0.94	0.6	1.02	1	2.0
	BRSF234	30.82844138	-86.90671107	Santa Rosa	031401040303	Upper Big Juniper Creek	FFS F6		2	1.00	0	0.0	1.64	0.94	0.6	0.92	1	2.0
	BRSF255	30.94205574	-86.80379503	Santa Rosa	031401040301	Upper Sweetwater Creek	FFS S78		2	1.00	0	0.0	2.68	0.92	0.6	1.48	1	2.0
	BRSF261	30.94060386	-86.80409005	Santa Rosa	031401040301	Upper Sweetwater Creek	FFS S78		2	1.00	0	0.0	0.72	0.92	0.6	0.40	1	2.0
	BRSF34	30.88352976	-86.94667218	Santa Rosa	031401040403	Lower East Fork of Big Coldwater Creek	FFS C170		2	1.00	0	0.0	2.85	0.93	0.6	1.60	1	2.0
	BRSF39	30.8903986	-86.91664634	Santa Rosa	031401040303	Upper Big Juniper Creek	FFS C162		2	1.00	0	0.0	2.28	0.93	0.6	1.28	1	2.0
	BRSF40	30.89515213	-86.92132512	Santa Rosa	031401040303	Upper Big Juniper Creek	FFS C163		2	1.00	0	0.0	2.16	0.93	0.6	1.21	1	2.0
	BRSF41	30.9049801	-86.92931635	Santa Rosa	031401040303	Upper Big Juniper Creek	FFS C161		2	1.00	0	0.0	5.54	0.93	0.6	3.15	1	2.0
	BRSF42	30.90490829	-86.92775964	Santa Rosa	031401040303	Upper Big Juniper Creek	FFS C161		2	1.00	0	0.0	2.99	0.93	0.6	1.67	1	2.0
	sm12238	30.92984861	-86.87877756	Santa Rosa	031401040303	Upper Big Juniper Creek	Odum Young Ln		2	1.00	0	0.0	0.00	0.93	1	0.00	1	2.0
	Wal35	30.91149612	-86.29611304	Walton	031401030604	Long Creek	None Located		2	1.00	0	0.0	0.00	0.77	1	0.00	1	2.0
	Wal60	30.86055862	-86.34851805	Walton	031401030603	Pine Log Creek	None Located		2	1.00	0	0.0	0.00	0.77	1	0.00	1	2.0
	12091_520504_3368984	30.45249323	-86.78611901	Okaloosa	031401050104	Middle East Bay River	678		3	0.67	0	0.0	2.09	0.97	0.7	1.42	1	1.7
	12091_521004_3366678	30.43195186	-86.78128555	Okaloosa	031401050104	Middle East Bay River	Range Road 255		3	0.67	0	0.0	2.66	0.98	0.7	1.82	1	1.7
	12091_521014_3366670	30.43191147	-86.7811719	Okaloosa	031401050104	Middle East Bay River	Range Road 255		3	0.67	0	0.0	0.07	0.98	0.7	0.05	1	1.7
	12091_521744_3366700	30.43219259	-86.77356357	Okaloosa	031401050104	Middle East Bay River	Range Road 255		3	0.67	0	0.0	0.28	0.98	0.7	0.19	1	1.7
	12091_521829_3366582	30.43111445	-86.77265238	Okaloosa	031401050104	Middle East Bay River	259		3	0.67	0	0.0	0.26	0.98	0.7	0.18	1	1.7
	12091_521831_3366694	30.43212665	-86.77265228	Okaloosa	031401050104	Middle East Bay River	259		3	0.67	0	0.0	1.03	0.98	0.7	0.70	1	1.7
	12091_533538_3373026	30.48921148	-86.65062892	Okaloosa	031401050103	Upper East Bay River	653		3	0.67	0	0.0	4.67	0.93	0.7	3.04	1	1.7
	BRSF116	30.91546267	-86.94663298	Santa Rosa	031401040401	Upper East Fork Big Coldwater Creek	FFS C159		3	0.67	0	0.0	5.82	0.92	0.6	3.23	1	1.7
	BRSF46	30.91948345	-86.93332812	Santa Rosa	031401040401	Upper East Fork Big Coldwater Creek	FFS C153		3	0.67	0	0.0	3.81	0.92	0.6	1.99	1	1.7
	BRSF51	30.97439542	-86.96296948	Santa Rosa	031401040402	Dixon Creek	FFS C50		3	0.67	0	0.0	3.07	0.92	0.6	1.70	1	1.7
	BRSF54	30.95889058	-86.99750269	Santa Rosa	031401040402	Dixon Creek	Mason West Rd		3	0.67	0	0.0	1.50	0.91	0.6	0.82	1	1.7
	BRSF59	30.94889509	-87.01884511	Santa Rosa	031401040402	Dixon Creek	FFS C30		3	0.67	0	0.0	1.79	0.91	0.6	0.98	1	1.7
	BRSF73	30.98141195	-87.00383454	Santa Rosa	031401040402	Dixon Creek	FFS C6		3	0.67	0	0.0	2.39	0.91	0.6	1.31	1	1.7
	sm12145	30.95829167	-86.99717935	Santa Rosa	031401040402	Dixon Creek	Mason West Rd		3	0.67	0	0.0	0.62	0.91	0.6	0.34	1	1.7



Appendix B: Stakeholder Priorities for Improvement

	Label	Latitude	Longitude	County	HUC 12	HUC Name	Road Name	OFW Proxy	OFW Score	Total Species	Species Score	Calculated Erosion (tons/yr)	Delivered Fraction	Use Factor	Reduced Erosion Value (tons/yr)	RUSLE Score	Total Prioritization Score
Eglin Listed Priorities	12091_540613_3390030	30.64173272	-86.57635591	Okaloosa	031401030705	Turkey Hen Creek-Shoal River	233	1	2.00	3	2.4	79.81	0.81	0.7	45.51	7	11.4
	12113_506744_3379936	30.55182081	-86.92963698	Santa Rosa	031401030806	Weaver Creek-Yellow River Frontal Pensacola Bay	736	1	2.00	5	4.0	39.14	0.97	0.7	26.51	5	11.0
	12131_563503_3399858	30.7299004	-86.33667559	Walton	031401030702	Upper Titi Creek	210	2	1.00	1	0.8	88.65	0.78	0.7	48.51	7	8.8
	12113_510054_3379393	30.54688647	-86.89517419	Santa Rosa	031401030805	Boiling Creek	211	2	1.00	3	2.4	44.37	0.92	0.7	28.67	6	9.4
	12091_552666_3394996	30.68657424	-86.45013504	Okaloosa	031401030703	Lower Titi Creek	211	1	2.00	3	2.4	23.07	0.80	0.7	12.84	4	8.4
	ok-0318-r-004	30.67126429	-86.66200864	Okaloosa	031401030801	Turkey Gobbler Creek-Yellow River	Rattlesnake Bluff Rd	5	0.40	4	3.2	22.72	0.84	0.7	13.36	4	7.6
	ok-0318-r-005	30.66381175	-86.67621399	Okaloosa	031401030801	Turkey Gobbler Creek-Yellow River	Rattlesnake Bluff Rd	5	0.40	4	3.2	25.95	0.85	0.7	15.47	4	7.6
	12091_553553_3397192	30.70634514	-86.44072655	Okaloosa	031401030702	Upper Titi Creek	Range Road 207	2	1.00	1	0.8	45.63	0.79	0.7	25.36	5	6.8
	12113_506191_3372065	30.48079826	-86.93546325	Santa Rosa	031401050201	Fundy Bayou-Dean Creek Frontal	726	1	2.00	1	0.8	39.43	1.00	0.7	27.54	5	7.8
	12113_509104_3371018	30.47062056	-86.90507199	Santa Rosa	031401050201	Fundy Bayou-Dean Creek Frontal	Eglin Tr	1	2.00	1	0.8	28.75	1.00	0.7	20.04	5	7.8
	12091_526874_3392826	30.66783669	-86.71945349	Okaloosa	031401030802	Metts Creek-Yellow River	675	4	0.50	4	3.2	15.86	0.87	0.7	9.60	3	6.7
	ok-0318-r-003	30.67471077	-86.65080802	Okaloosa	031401030801	Turkey Gobbler Creek-Yellow River	Rattlesnake Bluff Rd	5	0.40	4	3.2	18.25	0.84	0.7	10.70	3	6.6
	12091_550592_3390850	30.64924153	-86.47199094	Okaloosa	031401030703	Lower Titi Creek	456/557	1	2.00	3	2.4	8.63	0.80	0.7	4.84	2	6.4
	12131_559447_3396330	30.69828874	-86.37924431	Walton	031401030702	Upper Titi Creek	211	2	1.00	1	0.8	29.32	0.78	0.7	16.10	4	5.8
	12131_560188_3397423	30.70812293	-86.37147752	Walton	031401030702	Upper Titi Creek	Range Road 207	2	1.00	1	0.8	24.13	0.78	0.7	13.22	4	5.8
	12131_565482_3397417	30.70779178	-86.31576915	Walton	031401030702	Upper Titi Creek	211	2	1.00	1	0.8	23.34	0.78	0.7	12.74	4	5.8
	12091_550909_3396514	30.7003519	-86.4683667	Okaloosa	031401030703	Lower Titi Creek	220	1	2.00	3	2.4	4.31	0.80	0.7	2.41	1	5.4
	12091_554569_3393643	30.67427167	-86.43030782	Okaloosa	031401030702	Upper Titi Creek	211	2	1.00	1	0.8	20.25	0.79	0.7	11.22	3	4.8
	12131_559264_3397331	30.70733035	-86.38109916	Walton	031401030702	Upper Titi Creek	Range Road 207	2	1.00	1	0.8	19.55	0.78	0.7	10.74	3	4.8
	12131_560505_3397428	30.70814282	-86.36806258	Walton	031401030702	Upper Titi Creek	Range Road 207	2	1.00	1	0.8	15.99	0.78	0.7	8.76	3	4.8
	12131_562770_3399846	30.72985326	-86.34429263	Walton	031401030702	Upper Titi Creek	210	2	1.00	1	0.8	18.86	0.78	0.7	10.32	3	4.8
	12131_565021_3397160	30.7055117	-86.32101979	Walton	031401030702	Upper Titi Creek	211	2	1.00	1	0.8	16.40	0.78	0.7	8.95	3	4.8
	12131_559232_3397332	30.70736111	-86.3814374	Walton	031401030702	Upper Titi Creek	Range Road 207	2	1.00	1	0.8	6.99	0.78	0.7	3.84	2	3.8
	12131_561642_3397388	30.70770766	-86.35624519	Walton	031401030702	Upper Titi Creek	Range Road 207	2	1.00	1	0.8	11.61	0.78	0.7	6.36	2	3.8
	12091_525360_3370251	30.46417201	-86.73581798	Okaloosa	031401050102	Live Oak Creek	253	3	0.67	0	0.0	11.43	0.94	0.7	7.49	3	3.7
Blackriver State Forest Listed Priorities	BRSF154	30.91971888	-86.68889616	Okaloosa	031401040201	Narrows Creek-Panther Creek	FFS R138	1	2.00	0	0.0	39.71	0.91	0.6	21.61	5	7.0
	sm12237	30.96133873	-86.89445874	Santa Rosa	031401040303	Upper Big Juniper Creek	New Homestead Rd	2	1.00	0	0.0	52.45	0.72	1.0	37.80	6	7.0
	BRSF83	30.94345297	-86.94014409	Santa Rosa	031401040401	Upper East Fork Big Coldwater Creek	Orie Nelson Rd	3	0.67	0	0.0	62.94	0.92	0.6	34.64	6	6.7
	BRSF122	30.9509622	-86.80333075	Santa Rosa	031401040501	Upper Sweetwater Creek	FFS S83	2	1.00	0	0.0	17.83	0.92	0.6	9.81	3	4.0
	BRSF172	30.90876782	-86.6894583	Okaloosa	031401040201	Narrows Creek-Panther Creek	FFS R135	1	2.00	0	0.0	4.06	0.91	0.6	2.21	1	3.0
	BRSF247	30.91908846	-86.68721551	Okaloosa	031401040201	Narrows Creek-Panther Creek	FFS R138	1	2.00	0	0.0	4.52	0.91	0.6	2.46	1	3.0
	BRSF82	30.94867608	-86.95127325	Santa Rosa	031401040401	Upper East Fork Big Coldwater Creek	Orie Nelson Rd	3	0.67	0	0.0	8.51	0.92	0.6	4.69	2	2.7
	BRSF84	30.94507924	-86.94751576	Santa Rosa	031401040401	Upper East Fork Big Coldwater Creek	FFS C130	3	0.67	0	0.0	7.46	0.92	0.6	4.11	2	2.7
SABP Potential Barriers	Esc56	30.98787545	-87.350914	Escambia	031403050401	Canoe Creek	Wawbeek Rd	5	0.40	1	0.8	125.80	0.74	1.0	92.69	9	10.2
	sm11997	30.97499632	-87.29857424	Escambia	031403050402	Hobbs Branch	None Located	5	0.40	3	2.4	48.90	0.02	1.0	1.04	1	3.8
Yellow River Study Listed Priorities	wa-0707-r-004	30.75666035	-86.29583485	Walton	031401030504	Bottle Branch-Shoal River	Donna Ln	1	2.00	2	1.6	46.25	0.77	1.0	35.53	6	9.6
	wa-0625-r-002	30.98069737	-86.37012269	Walton	031401030601	Fleming Creek-Pond Creek	Varnum Rd	2	1.00	1	0.8	39.46	0.75	1.0	29.71	6	7.8
	wa-0625-r-003	30.97682948	-86.38064977	Walton	031401030601	Fleming Creek-Pond Creek	Varnum Rd	2	1.00	1	0.8	39.90	0.75	1.0	30.06	6	7.8
	wa-0714-r-007	30.85563407	-86.19133607	Walton	031401030501	Big Swamp Creek	Bryan Rd	1	2.00	1	0.8	41.65	0.76	1.0	31.45	6	8.8
	wa-0706-r-002	30.90458504	-86.37272017	Walton	031401030601	Fleming Creek-Pond Creek	Frost Ln	2	1.00	1	0.8	32.90	0.76	1.0	24.93	5	6.8
	ok-0415-r-001	30.82290962	-86.63706779	Okaloosa	031401030405	Gum Creek-Yellow River	Cotton Creek Rd	7	0.29	3	2.4	16.74	0.80	1.0	13.44	4	6.7
	wa-0625-r-006	30.99448877	-86.37327162	Walton	031401030601	Fleming Creek-Pond Creek	Franklin Rd	2	1.00	1	0.8	19.27	0.75	1.0	14.47	4	5.8
	wa-0716-r-011	30.75438287	-86.24166425	Walton	031401030502	Kings Lake	East Larkspur Ave	1	2.00	1	0.8	21.68	0.76	1.0	16.53	4	6.8
County Listed Priorities	Oka34	30.73907396	-86.74960495	Okaloosa	031401040204	Penny Creek	Poplar Head Church Rd	1	2.00	1	0.8	107.07	0.93	1.0	99.04	9	11.8
	Oka43	30.75897553	-86.75072106	Okaloosa	031401040204	Penny Creek	Poplar Head Church Rd	1	2.00	1	0.8	44.35	0.93	1.0	41.03	7	9.8
	SR13	30.41588039	-86.91784264	Santa Rosa	031401050202	Tom King Bayou-Butcher Pen Cove Frontal	Tafton St	1	2.00	1	0.8	2.09	1.00	1.0	2.09	1	3.8



Appendix C: Preliminary Priority List (105 Road-Stream Crossings)

Preliminary List	Label	Latitude	Longitude	County	HUC 12	HUC Name	Road Name	Stakeholder Priority	OFW Proximity	OFW Score	Total Species	Species Score	Calculated Erosion (tons/yr)	Delivered Fraction	Use Factor	Reduced Erosion Value (tons/yr)	RUSLE Score	Total Prioritization Score
*	Esc28	30.71761278	-87.31869265	Escambia	031403050601	Quintette Lake	Cedartown Rd		2	1.00	3	2.4	64.78	0.85	1	55.20	8	11.4
*	Esc25	30.78437119	-87.31415744	Escambia	031403050503	Delaney River	Cotton Lake Rd		3	0.67	3	2.4	78.44	0.79	1	61.60	8	11.1
*	Esc39	30.9266041	-87.28863177	Escambia	031403050403	Chumukla Springs	Courtney Rd		4	0.50	3	2.4	42.99	0.75	1	32.21	6	8.9
*	Esc50	30.94559792	-87.38108502	Escambia	031403050401	Canoe Creek	Cox Rd		5	0.40	1	0.8	72.02	0.74	1	53.24	7	8.2
*	Esc59	30.95263034	-87.31303885	Escambia	031403050402	Hobbs Branch	Gray Rd		5	0.40	3	2.4	62.99	0.74	1	46.63	7	9.8
*	Esc23	30.87935707	-87.39393554	Escambia	031403050501	Sandy Hollow-Pine Barren Creek	Lambert Bridge Rd		5	0.40	1	0.8	94.83	0.77	1	73.00	8	9.2
*	sm11997	30.97499632	-87.29857424	Escambia	031403050402	Hobbs Branch	None Located	SARP	5	0.40	3	2.4	48.90	0.02	1	1.04	1	3.8
*	Esc34	30.82251019	-87.34869474	Escambia	031403050502	Little Pine Barren Creek	S Pine Barren Rd		4	0.50	1	0.8	61.67	0.78	1	48.22	7	8.3
*	Esc33	30.81530846	-87.34455913	Escambia	031403050503	Delaney River	S Pine Barren Rd		3	0.67	3	2.4	33.01	0.78	1	25.80	5	8.1
*	Esc22	30.88068082	-87.40249375	Escambia	031403050501	Sandy Hollow-Pine Barren Creek	Velor Rd		5	0.40	1	0.8	52.98	0.77	1	40.78	7	8.2
*	Esc36	30.9053703	-87.35081212	Escambia	031403050403	Chumukla Springs	W Roach Rd		4	0.50	3	2.4	76.24	0.75	1	57.04	8	10.9
*	Esc56	30.98787545	-87.350914	Escambia	031403050401	Canoe Creek	Wawbeek Rd	SARP	5	0.40	1	0.8	125.80	0.74	1	92.69	9	10.2
*	12091_552666_3394996	30.68657424	-86.45013504	Okaloosa	031401030703	Lower Titi Creek	211	Eglin AFB	1	2.00	3	2.4	23.07	0.80	0.7	12.84	4	8.4
*	12091_554569_3393643	30.67427167	-86.43030782	Okaloosa	031401030702	Upper Titi Creek	211	Eglin AFB	2	1.00	1	0.8	20.25	0.79	0.7	11.22	3	4.8
*	12091_550909_3396514	30.7003519	-86.4683667	Okaloosa	031401030703	Lower Titi Creek	220	Eglin AFB	1	2.00	3	2.4	4.31	0.80	0.7	2.41	1	5.4
*	12091_540613_3390030	30.64173272	-86.57635591	Okaloosa	031401030705	Turkey Hen Creek-Shoal River	233	Eglin AFB	1	2.00	3	2.4	79.81	0.81	0.7	45.51	7	11.4
*	12091_525360_3370251	30.46417201	-86.73581798	Okaloosa	031401050102	Live Oak Creek	253	Eglin AFB	3	0.67	0	0.0	11.43	0.94	0.7	7.49	3	3.7
*	12091_523319_3366175	30.42736401	-86.75713782	Okaloosa	031401050104	Middle East Bay River	668		3	0.67	0	0.0	81.58	0.96	0.7	54.73	8	8.7
*	12091_526874_3392826	30.66783669	-86.71945349	Okaloosa	031401030802	Metts Creek-Yellow River	675	Eglin AFB	4	0.50	4	3.2	15.86	0.87	0.7	9.60	3	6.7
*	12091_526009_3392597	30.66584922	-86.72858356	Okaloosa	031401030802	Metts Creek-Yellow River	697		4	0.50	4	3.2	36.68	0.87	0.7	22.21	5	8.7
*	12091_550592_3390850	30.64924153	-86.47199094	Okaloosa	031401030703	Lower Titi Creek	456/557	Eglin AFB	1	2.00	3	2.4	8.63	0.80	0.7	4.84	2	6.4
*	12091_526371_3388090	30.62534064	-86.72497385	Okaloosa	031401030802	Metts Creek-Yellow River	600W		4	0.50	4	3.2	40.37	0.87	0.7	24.45	5	8.7
*	ok-0415-r-001	30.62290962	-86.63706779	Okaloosa	031401030405	Gum Creek-Yellow River	Cotton Creek Rd	Yellow River Study	7	0.29	3	2.4	16.74	0.80	1	13.44	4	6.7
*	BRSF161	30.8880972	-86.68287277	Okaloosa	031401040201	Narrows Creek-Panther Creek	FFS R107		1	2.00	0	0.0	79.47	0.91	0.6	43.35	7	9.0
*	BRSF172	30.90876782	-86.6894583	Okaloosa	031401040201	Narrows Creek-Panther Creek	FFS R135	Blackwater River	1	2.00	0	0.0	4.06	0.91	0.6	2.21	1	3.0
*	BRSF154	30.91971888	-86.6889616	Okaloosa	031401040201	Narrows Creek-Panther Creek	FFS R138	Blackwater River	1	2.00	0	0.0	39.71	0.91	0.6	21.61	5	7.0
*	BRSF247	30.91908846	-86.58721551	Okaloosa	031401040201	Narrows Creek-Panther Creek	FFS R138	Blackwater River	1	2.00	0	0.0	4.52	0.91	0.6	2.46	1	3.0
*	BRSF111	30.90505985	-86.7502718	Okaloosa	031401040201	Bulpen Branch	FFS R47		1	2.00	1	0.8	51.79	0.91	0.6	28.21	6	8.6
*	BRSF245	30.89145425	-86.72373199	Okaloosa	031401040202	Bulpen Branch	FFS R57		1	2.00	1	0.8	53.54	0.91	0.6	29.24	6	8.8
*	ok-0617-r-002	30.88957538	-86.64519259	Okaloosa	031401030404	Deadfall Creek-Yellow River	Lenwood Jackson Rd		8	0.25	3	2.4	61.32	0.79	1	48.49	7	9.7
*	sm54548	30.8359256	-86.77007049	Okaloosa	031401040203	Beaver Creek	Martin Mill Rd		1	2.00	1	0.8	46.40	0.92	1	42.74	7	9.8
*	sm54549	30.83647007	-86.77179859	Okaloosa	031401040203	Beaver Creek	Martin Mill Rd		1	2.00	1	0.8	45.37	0.92	1	41.80	7	9.8
*	BRSF105	30.94525583	-86.7376811	Okaloosa	031401040105	Rock Creek	Mashoun Forks		1	2.00	1	0.8	57.91	0.90	0.6	31.37	6	8.8
*	Oka34	30.73907396	-86.74960495	Okaloosa	031401040204	Penny Creek	Poplar Head Church Rd	County	1	2.00	1	0.8	107.07	0.93	1	99.04	9	11.8
*	Oka43	30.75897553	-86.75072106	Okaloosa	031401040204	Penny Creek	Poplar Head Church Rd	County	1	2.00	1	0.8	44.35	0.93	1	41.03	7	9.8
*	ok-0409-r-002	30.70162119	-86.49215678	Okaloosa	031401030703	Lower Titi Creek	Range Road 207		1	2.00	3	2.4	41.54	0.80	0.7	23.28	5	9.4
*	12091_553553_3397192	30.70634514	-86.44072655	Okaloosa	031401030702	Upper Titi Creek	Range Road 207	Eglin AFB	2	1.00	1	0.8	45.63	0.79	0.7	25.36	5	6.8
*	ok-0407-r-004	30.69003827	-86.59895433	Okaloosa	031401030802	Metts Creek-Yellow River	Rattlesnake Bluff Rd		4	0.50	4	3.2	43.09	0.85	0.7	25.77	5	8.7
*	ok-0318-r-004	30.67126826	-86.6200864	Okaloosa	031401030801	Turkey Gobbler Creek-Yellow River	Rattlesnake Bluff Rd	Eglin AFB	5	0.40	4	3.2	22.72	0.84	0.7	13.36	4	7.6
*	ok-0318-r-005	30.65381175	-86.75213399	Okaloosa	031401030801	Turkey Gobbler Creek-Yellow River	Rattlesnake Bluff Rd	Eglin AFB	5	0.40	4	3.2	25.05	0.85	0.7	15.47	4	7.6
*	ok-0318-r-003	30.67471077	-86.65080802	Okaloosa	031401030801	Turkey Gobbler Creek-Yellow River	Rattlesnake Bluff Rd	Eglin AFB	5	0.40	4	3.2	18.25	0.84	0.7	10.70	3	6.6
*	sm12233	30.78421691	-86.69640245	Okaloosa	031401040204	Penny Creek	Tom Page Ln		1	2.00	1	0.8	38.23	0.92	1	35.20	6	8.8
*	12113_510054_3379393	30.54688647	-86.89517419	Santa Rosa	031401030805	Boiling Creek	211	Eglin AFB	2	1.00	3	2.4	44.37	0.92	0.7	28.67	6	9.4
*	sr-0414-r-002	30.58805419	-86.85725955	Santa Rosa	031401030804	Burnt Grocery Creek-Yellow River	211		2	1.00	4	3.2	41.30	0.90	0.7	26.00	5	9.2
*	12113_517732_3366745	30.43266376	-86.81533901	Santa Rosa	031401050105	Lower East Bay River	255		2	1.00	1	0.8	167.48	0.99	0.7	115.71	9	10.8
*	12113_506191_3372065	30.48079826	-86.93546325	Santa Rosa	031401050201	Fundy Bayou-Dean Creek Frontal	726	Eglin AFB	1	2.00	1	0.8	39.43	1.00	0.7	27.54	5	7.8
*	12113_506744_3379936	30.55182081	-86.92963698	Santa Rosa	031401030806	Weaver Creek-Yellow River Frontal	736	Eglin AFB	1	2.00	5	4.0	39.14	0.97	0.7	26.51	5	11.0
*	12113_504911_3378418	30.53815519	-86.94879114	Santa Rosa	031401030806	Weaver Creek-Yellow River Frontal	736		1	2.00	5	4.0	6.04	0.97	0.7	4.11	2	8.0
*	12113_506717_3379591	30.54873921	-86.92992824	Santa Rosa	031401030806	Weaver Creek-Yellow River Frontal	813		1	2.00	5	4.0	13.19	0.96	0.7	8.91	3	9.0
*	SR06	30.65589155	-86.81796994	Santa Rosa	031401030803	Milligan Creek-Yellow Creek	Blue Barnes Rd		3	0.67	5	4.0	197.34	0.89	1	175.73	10	14.7
*	sm12189	30.58121093	-86.82970687	Santa Rosa	031401040301	Upper Sweetwater Creek	Bracken Rd		2	1.00	0	0.0	73.29	0.91	1	66.94	8	9.0
*	sm12187	30.93824771	-86.80296061	Santa Rosa	031401040301	Upper Sweetwater Creek	Burned Out Bridge Rd		2	1.00	0	0.0	328.14	0.92	1	302.09	10	11.0
*	sm12149	30.97961356	-86.98865942	Santa Rosa	031401040402	Dixon Creek	Camp Henderson Rd		3	0.67	0	0.0	60.20	0.91	1	54.92	8	8.7
*	SR02	30.84504888	-87.27178922	Santa Rosa	031403050403	Chumukla Springs	Coonhill Cemetery Rd		4	0.50	3	2.4	59.88	0.72	1	42.86	7	9.9
*	12113_509104_3371018	30.47062056	-86.90507199	Santa Rosa	031401050201	Fundy Bayou-Dean Creek Frontal	Eglin Tr	Eglin AFB	1	2.00	1	0.8	28.75	1.00	0.7	20.04	5	7.8
*	BRSF84	30.94507924	-86.94751576	Santa Rosa	031401040401	Upper East Fork Big Coldwater Creek	FFS C130	Blackwater River	3	0.67	0	0.0	7.46	0.92	0.6	4.11	2	2.7
*	sm12122	30.86689172	-86.90225111	Santa Rosa	031401040303	Upper Big Juniper Creek	FFS C178		2	1.00	0	0.0	53.41	0.94	1	49.97	7	8.0
*	sm12126	30.96149637	-86.96782806	Santa Rosa	031401040402	Dixon Creek	FFS C52		3	0.67	0	0.0	81.35	0.92	1	75.07	8	8.7
*	BRSF22	30.78873763	-86.81601222	Santa Rosa	031401040203	Beaver Creek	FFS F69		1	2.00	1	0.8	64.38	0.92	0.6	35.72	6	8.8
*	sm12160	30.79867117	-86.79663714	Santa Rosa	031401040203	Beaver Creek	FFS F89		1	2.00	1	0.8	61.30	0.92	1	56.50	8	10.0
*	BRSF16	30.8950832	-86.82411253	Santa Rosa	031401040302	Lower Sweetwater Creek	FFS S152		2	1.00	0	0.0	160.07	0.93	0.6	89.15	9	10.8
*	BRSF88	30.95869776	-86.86831809	Santa Rosa	031401040303	Upper Big Juniper Creek	FFS S17		2	1.00	0	0.0	109.40	0.92	0.6	60.60	8	9.0
*	BRSF89	30.95862853	-86.86190732	Santa Rosa	031401040303	Upper Big Juniper Creek	FFS S17		2	1.00	0	0.0	81.13	0.92	0.6	44.94	7	8.0
*	BRSF122	30.9659622	-86.90330375	Santa Rosa	031401040303	Upper Sweetwater Creek	FFS C130	Blackwater River	2	1.00	0	0.0	17.00	0.92	0.6	9.81	3	4.8
*	BRSF206	30.62855404	-86.84082114	Santa Rosa	031401030804	Burnt Grocery Creek-Yellow River	FFS Y15		2	1.00	4	3.2	106.46	0.91	0.6	58.04	8	12.2
*	BRSF98	30.6409672	-86.8133488	Santa Rosa	031401030803	Milligan Creek-Yellow Creek	FFS Y16		3	0.67	5	4.0	156.18	0.89	0.6	83.82	8	12.7
*	SR01	30.95827915	-87.094109</															

Preliminary List	Label	Latitude	Longitude	County	HUC 12	HUC Name	Road Name	Stakeholder Priority	OFW Proximity	OFW Score	Total Species	Species Score	Calculated Erosion (tons/yr)	Delivered Fraction	Use Factor	Reduced Erosion Value (tons/yr)	RUSLE Score	Total Prioritization Score
*	sm12203	30.98644496	-86.8807052	Santa Rosa	031401040303	Upper Big Juniper Creek	Overstreet Rd		2	1.00	0	0.0	47.86	0.92	1	44.07	7	8.0
*	sm12170	30.91666543	-86.9105829	Santa Rosa	031401040303	Upper Big Juniper Creek	Reed Lake Rd		2	1.00	0	0.0	46.82	0.93	1	43.45	7	8.0
*	SR13	30.41588039	-86.91784264	Santa Rosa	031401050202	Tom King Bayou-Butcher Pen Cove	Tafton St	County	1	2.00	1	0.8	2.09	1.00	1	2.09	1	3.8
*	SR04	30.70171312	-86.92812384	Santa Rosa	031401040304	Lower Big Juniper Creek	Walther Rd		1	2.00	1	0.8	91.59	0.96	1	87.52	9	11.8
*	12131_563503_3399858	30.7299004	-86.33667559	Walton	031401030702	Upper Titi Creek	210	Eglin AFB	2	1.00	1	0.8	88.65	0.78	0.7	48.51	7	8.8
*	12131_562770_3399846	30.72985326	-86.34429263	Walton	031401030702	Upper Titi Creek	210	Eglin AFB	2	1.00	1	0.8	18.86	0.78	0.7	10.32	3	4.8
*	12131_559447_3396330	30.69828874	-86.37924431	Walton	031401030702	Upper Titi Creek	211	Eglin AFB	2	1.00	1	0.8	29.32	0.78	0.7	16.10	4	5.8
*	12131_565482_3397417	30.70779178	-86.31576915	Walton	031401030702	Upper Titi Creek	211	Eglin AFB	2	1.00	1	0.8	23.34	0.78	0.7	12.74	4	5.8
*	12131_565021_3397160	30.7055117	-86.32101979	Walton	031401030702	Upper Titi Creek	211	Eglin AFB	2	1.00	1	0.8	16.40	0.78	0.7	8.95	3	4.8
*	wa-0714-r-007	30.85563407	-86.19133607	Walton	031401030501	Big Swamp Creek	Bryan Rd	Yellow River Study	1	2.00	1	0.8	41.65	0.76	1	31.45	6	8.8
*	wa-0707-r-004	30.75666035	-86.29583485	Walton	031401030504	Bottle Branch-Shoal River	Donna Ln	Yellow River Study	1	2.00	2	1.6	46.25	0.77	1	35.53	6	9.6
*	wa-0716-r-011	30.75438287	-86.24166425	Walton	031401030502	Kings Lake	East Larkspur Ave	Yellow River Study	1	2.00	1	0.8	21.68	0.76	1	16.53	4	6.8
*	wa-0625-r-006	30.99448877	-86.37327162	Walton	031401030601	Fleming Creek-Pond Creek	Franklin Rd	Yellow River Study	2	1.00	1	0.8	19.27	0.75	1	14.47	4	5.8
*	wa-0706-r-002	30.90458504	-86.37272017	Walton	031401030601	Fleming Creek-Pond Creek	Frost Ln	Yellow River Study	2	1.00	1	0.8	32.90	0.76	1	24.93	5	6.8
*	wa-0722-r-002	30.83301365	-86.22921012	Walton	031401030501	Big Swamp Creek	Old Dairy Rd		1	2.00	1	0.8	105.90	0.76	1	80.29	8	10.8
*	Wal55	30.79249255	-86.31918543	Walton	031401030504	Bottle Branch-Shoal River	Plantation Ln		1	2.00	2	1.6	27.10	0.77	1	20.95	5	8.6
*	12131_560188_3397423	30.70812293	-86.37147752	Walton	031401030702	Upper Titi Creek	Range Road 207	Eglin AFB	2	1.00	1	0.8	24.13	0.78	0.7	13.22	4	5.8
*	12131_559264_3397331	30.70733035	-86.38109916	Walton	031401030702	Upper Titi Creek	Range Road 207	Eglin AFB	2	1.00	1	0.8	19.55	0.78	0.7	10.74	3	4.8
*	12131_560505_3397428	30.70814282	-86.36806258	Walton	031401030702	Upper Titi Creek	Range Road 207	Eglin AFB	2	1.00	1	0.8	15.99	0.78	0.7	8.76	3	4.8
*	12131_559232_3397332	30.70736111	-86.3814374	Walton	031401030702	Upper Titi Creek	Range Road 207	Eglin AFB	2	1.00	1	0.8	6.99	0.78	0.7	3.84	2	3.8
*	12131_561642_3397388	30.70770766	-86.35624519	Walton	031401030702	Upper Titi Creek	Range Road 207	Eglin AFB	2	1.00	1	0.8	11.61	0.78	0.7	6.36	2	3.8
*	wa-0714-r-011	30.89958802	-86.21073265	Walton	031401030501	Big Swamp Creek	Royce Gill Rd		1	2.00	1	0.8	38.80	0.75	1	29.20	6	8.8
*	Wal51	30.88478002	-86.083654	Walton	031401030502	Kings Lake	Ward Tr		1	2.00	1	0.8	65.90	0.74	1	48.87	7	9.8



Appendix D: Map Book Depicting Prioritization Score, JMT and Stakeholder Priorities