

Appendix K: Water Quality Impact Evaluation

WQIE CHECK LIST

Project Name: SR 87 Connector
County: Santa Rosa
FIN (Financial Number): 416748-3-22-01, 416748-3-22-02
Federal Aid Project No: SF1 296 R

Short project description:

The SR 87 Connector is a new roadway facility that will directly link SR 87S with SR 87N. The 8.22 mile project will begin at the intersection of US 90 and SR 87S and will connect with SR 87N just north of the northern split of SR 87N and SR 89. New bridge construction is anticipated over the Blackwater River and over Clear Creek. The facility will begin as two lanes and ultimately widen to four lanes while utilizing a mixture of urban and rural typical sections.

PART 1: DETERMINATION OF WQIE SCOPE

Does project increase impervious surface area? Yes No

Does project alter the drainage system? Yes No

If the answer to both questions is no, complete the WQIE by checking Box A in Part 4.

Do environmental regulatory requirements apply? Yes No

PART 2: PROJECT CHARACTERISTICS

20-year design ADT: For Year 2035

US 90 to Munson Hwy 19,746

Munson Hwy to SR 87N 17,121

Expected speed limit: Urban – 45mph, Rural – 65 mph

Drainage area: 189 acres 3 % Impervious 97 % Pervious

Land Use: 5 % Residential 1 % Commercial 1 % Industrial

 % Agricultural 93 % Silviculture 15 % Wetlands

 % Other Natural

Potential large sources of pollution (identify): Agriculture runoff

Groundwater receptor (name of aquifer or N/A): NA

Designated well head protection area? Yes No Name: _____

Sole source aquifer Yes No Name: _____

Groundwater recharge mechanism: None

(Notify District Drainage Engineer if karst conditions expected)

Surface water receptor (name or N/A): Blackwater River

Classification I II **III** IV V

Special designation (check all that apply):

ONRW OFW Aquatic Preserve Wild & Scenic River

Special Water SWIM Area Local Comp Plan MS4 Area

Other (specify): _____

Conceptual storm water conveyances & system (check all that apply):

- Swales
 Curb and Gutter
 Scuppers
 Pipe
 French Drains
 Retention/Detention Ponds
 Other _____

PART 3: ENVIRONMENTAL REGULATORY REQUIREMENTS

Regulatory Agency (Check all that apply)	Reference citation for regulatory criteria (attach copy of pertinent pages)	Most stringent criteria (Check all that apply)
<input checked="" type="checkbox"/> USEPA	Clean Water Act, as amended, Public Law 92-500; Safe Drinking Water Act, as amended, Public Law 93-523	<input type="checkbox"/>
<input checked="" type="checkbox"/> FDEP	NPDES Section 403.0885 F.S; Chapters 62-25, 62-28.700, 62-40 FAC	<input type="checkbox"/>
<input checked="" type="checkbox"/> WMD (Specify) NFWWMD	Chapter 62-346 FAC, NFWWMD ERP Applicant's Handbook Volume II Chapters 5.2 and 8.2	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> OTHER (Specify) Santa Rosa County	Land Development Code, Section 4.03.06 (F)	<input type="checkbox"/>

Proceed to Part 4 and check Box C.

PART 4: WQIE DOCUMENTATION

- Water quality is not an issue.
 No regulatory requirements apply to water quality issues
 (Document by checking the "none" box for water quality in Section 6.C.3 of the **Environmental Determination Form** or Section 5.C.3 of the SEIR.
 Regulatory requirements apply to water quality issues. Water quality issues will be mitigated through compliance with the quantity design requirements placed by Florida Department of Environmental Protection, an authorized regulatory agency.
 (Document by checking the "none" box for water quality in Section 6.C.3 of the Environmental Determination Form or Section 5.C.3 of the SEIR.

Evaluator Name (print):

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Signature: J. Bloomfield

Date: 9/9/2015