

WQIE CHECKLIST

Project Name: I-75 PD&E Study from Moccasin Wallow Road (CR 6) to south of Highway 301 (SR 43)

County: Hillsborough and Manatee Counties, Florida

FIN (Financial Number): 419235-2-22-01

Federal Aid Project No: N/A

Short project description: The Florida Department of Transportation (FDOT) is conducting a Project Development and Environment (PD&E) Study to evaluate alternate improvements for I-75 (SR 93A) from Moccasin Wallow Road in Manatee County to south of US 301 (SR 43) in Hillsborough County. Interim improvements could include adding general use lanes to the mainline as well as interim interchange improvements. The ultimate improvements could include adding special-use lanes (SUL) such as express lanes for long-distance travelers, use by bus-rapid transit (BRT) or accommodation of future transit modes and/or high occupancy toll (HOT) lanes. Additional improvements may include interchange modifications and stormwater management facilities.

PART 1: DETERMINATION OF WQIE SCOPE

Does project increase impermeable 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

If no, proceed to Part 4 and check Box B.

PART 2: PROJECT CHARACTERISTICS

20-year design ADT: 132,000 – 206,000 Expected speed limit: 70 mi/hr

Drainage area: 1331.62 acres 74.65 % impervious 25.35 % Pervious (Under ultimate build out)

Land Use: 30 % Residential 10 % Commercial 0 % Industrial
40 % Agricultural 5 % Wetlands 15 % Other Natural

Potential large sources of pollution (identify): Twenty-seven sites were evaluated for potential sources of petroleum or chemical contamination. Nine of these sites were ranked "No", and fourteen of these sites were ranked "Low" for potential contamination. The four sites that were ranked "Medium" include the South Hillsborough County

Regional Wastewater Treatment Plant, Hillsborough County Maintenance Unit 3, a diesel fuel spill, and a phosphoric acid sludge spill. These sites all have known contamination and there is a lack of evidence of proper clean up according to the Florida Department of Environmental Protection.

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

Designated well head protection areas: Yes No Name:

Sole source aquifer: Yes No Name:

Groundwater recharge mechanism: Infiltration

(Notify district Drainage Engineer if karst conditions are expected)

Surface water receptor (name or N/A): Alafia River^{2,3}, Little Manatee River^{1,2}, Bullfrog Creek, Cabbage Slough, unnamed wetlands

Classification(s): I II III IV V

Special designation (check all that apply):

ONRW OFW¹ Aquatic Preserve Wild & Scenic Rivers
 Special Water SWIM Area Local Comp Plan MS4 Area
 Other (specify): Impaired water², Planning List for Dissolved Oxygen and Nutrients³

Conceptual storm water conveyances (check all that apply):

Swales Curb and Gutter Scuppers Pipe French Drains
 Retention/Detention Ponds Other (specify):

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)
USEPA <input checked="" type="checkbox"/>	Safe Drinking Water Act Clean Water Act NPDES 40 CFR 122.26 and 122.28	<input type="checkbox"/>
FDEP <input checked="" type="checkbox"/>	Chapter 62-25 F.A.C.	<input type="checkbox"/>
WMD <input checked="" type="checkbox"/> SWFWMD	Chapter 40D-400	<input checked="" type="checkbox"/>
OTHER <input checked="" type="checkbox"/> USACE	Section 404 of Clean Water Act	<input type="checkbox"/> <input type="checkbox"/>

Proceed to Part 4 and check Box C.

PART 4: WQIE DOCUMENTATION


- A. Water quality is not an issue.

- B. 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.

- C. Regulatory requirements apply to water quality issues. Water quality issues will be mitigated through compliance with the quantity design requirements placed by Southwest Florida Water Management District, 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): Anna Peterfreund

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Signature: 

Date: December 19, 2008