

## Water Quality Impact Evaluation (WQIE) Checklist

Project Name: Project Development and Environment (PD&E) Study for SR 9/I-95 at Central Boulevard Interchange

County: Palm Beach County

FIN (Financial Number): 413265-1-22-01

Federal Aid Project No: N/A

Short project description: The study evaluates the construction of a new interchange at I-95 and Central Boulevard to enhance the operational capacity and relieve congestion at the existing I-95 and PGA Boulevard interchange located within the City of Palm Beach Gardens

### 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: 182,400 vpd Expected speed limit: 45 (ramp) 70 (mainline) mi/hr

Drainage area: 86.28 acres 57 % Impervious 43 % Pervious

Land Use: 2.84 % Residential 0.68 % Commercial 0.99 % Industrial

0.83 % Agricultural 0.11 % Wetlands 13.41 % Other Natural

Potential large sources of pollution

(identify): *None.*

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

- Designated well head protection area?  Yes  No Name: \_\_\_\_\_
- Sole source aquifer  Yes  No Name: Biscayne Aquifer

Groundwater recharge mechanism: Infiltration through dry retention ponds and exfiltration trenches.

(Notify District Drainage Engineer if karst conditions expected)

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Surface water receptor (name or N/A): Earman Canal, Thompson Canal

- 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)
USEPA <input checked="" type="checkbox"/>	Clean Water Act, as amended (40 CFR)	<input type="checkbox"/>
FDEP <input checked="" type="checkbox"/>	NPDES Section 403.0885 F.S.	<input type="checkbox"/>
WMD (Specify) South Florida Water Management District (SFWMD) <input checked="" type="checkbox"/>	Chapters 40E-4, 40E-40, 62-302, F.A.C.	<input checked="" type="checkbox"/>
OTHER (Specify)		<input type="checkbox"/>

Proceed to Part 4 and check Box C

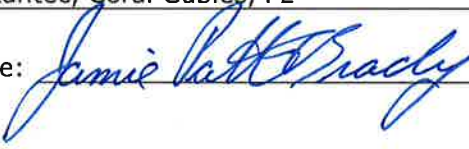
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**PART 4: WQIE DOCUMENTATION**

- 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 6.C.3 of the Type II Categorical Exclusion)
- Regulatory requirements apply to water quality issues. Water quality issues will be mitigated through compliance with the quantity design requirements placed by South Florida Water Management District (SFWMD), 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 6.C.3 of the Type II Categorical Exclusion)

Evaluator Name (print): Jamie Patterson-Brady

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Signature:  Date: July 18, 2016