

WQIE CHECK LIST

Project Name: SR 862/I-595 PD&E Study

County: Broward

FIN (Financial Number): 409354-1-22-01

Federal Aid Project No: 5951 539 I

Short project description: The proposed project involves widening of I-595, constructing new reversible lanes, and constructing new ramps to improve traffic flow along all of the major interchanges along the corridor.

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

PART 2: PROJECT CHARACTERISTICS

20-year design ADT: 355,360 * Expected speed limit: 70 mph

Drainage area: 486 acres; 70 % Impervious; 30 % Pervious

Land Use: 70 % Residential; 20 % Commercial; 7 % Industrial
0 % Agricultural; 1% Wetlands; 2% Other Natural

* Highest ADT on corridor (between University Drive and Davie Road)

Potential large sources of pollution: Traffic accidents/spills within the roadway corridor; gas stations; auto repair facilities; and/or contamination plumes associated with industrial zones within the proximity of the corridor.

Groundwater receptor: Biscayne

Designated well head protection area: Yes No
Name: City of Sunrise System 3 Wellfield (Proposed)
Sole source aquifer: Yes No Name: Biscayne

Groundwater recharge mechanism: Infiltration

Surface water receptor: North New River Canal and South Fork New 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): Other Surface Waters

Conceptual storm water conveyances & system:

- Swales Curb and Gutter Scuppers Pipe French Drains
 Retention/Detention Ponds Other: Valley Gutter and Barrier Wall Inlets

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 type="checkbox"/>	Clean Water Act, as amended (40 CFR)	<input type="checkbox"/>
FDEP <input checked="" type="checkbox"/>	Chapters 62-25, 62-40 F.A.C.	<input type="checkbox"/>
SFWMD <input checked="" type="checkbox"/>	Chapters 40A through E, -4, -40, -42, -44.	<input checked="" type="checkbox"/>
BCEPD <input checked="" type="checkbox"/>	SFWMD/DEP/BCEPD Delegation Agreement	<input type="checkbox"/>

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 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 5.C.3 of the SEIR.)

Evaluator Name: Christian B. Jackson, PE

Office: Reynolds, Smith & Hills, Inc.
 300 South Pine Island Road, Suite 300
 Plantation, FL 33324-2619

Signature:

Date: August 18, 2005