

## WATER QUALITY IMPACT EVALUATION CHECKLIST

### PART 1: PROJECT INFORMATION

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Project Name:              | Florida's Turnpike (SR 91) direct connection to Interstate 95 (I-95)<br>MP 123.44 to 127.53                                                                                                                                                                                                                                                                                                                                 |
| County:                    | Martin                                                                                                                                                                                                                                                                                                                                                                                                                      |
| FM Number:                 | 446975-1-22-01                                                                                                                                                                                                                                                                                                                                                                                                              |
| Federal Aid Project No:    | N/A                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Brief Project Description: | Florida's Turnpike Enterprise is conducting a Project Development and Environment (PD&E) study to evaluate a system-to-system direct connection between SR 91 and I-95. The proposed interchange concept aims to improve traffic operations for the north-south through trips in the project area and to enhance traffic conditions on existing local roadways that currently serve as a connection between SR 91 and I-95. |

### PART 2: DETERMINATION OF WQIE SCOPE

Does project discharge to surface or groundwater? ☒ Yes ☐ No

*Project discharges to various creeks, tributaries, and wet ponds with potentiometric connection to groundwater.*

Does project alter the drainage system? ☒ Yes ☐ No

*Project currently flows through open systems with limited treatment. Any volume lost due to impacts on existing treatment systems will be replaced with the proposed stormwater management approach. Closed conveyance systems will be constructed to convey runoff to existing stormwater management facilities.*

Is the project located within a permitted MS4? ☒ Yes ☐ No

Name: Martin County (FLR04R013)

If the answers to the questions above are no, complete the applicable sections of Part 3 and 4, and then check Box A in Part 5.

### **PART 3: PROJECT BASIN AND RECEIVING WATER CHARACTERISTICS**

#### **Surface Water**

Receiving water names:

*South Fork St. Lucie River, Cypress Creek, Moonshine Creek*

Water Management District:

*SFWMD*

Environmental Look Around meeting date:\_\_\_\_/\_\_\_\_/\_\_\_\_ (TBD)

Water Control District Name(s) (list all that apply):

*Hobe-St. Lucie Conservancy District*

#### **Groundwater**

Sole Source Aquifer (SSA)? ☐ Yes ☒ No Name\_\_\_\_\_

If yes, complete Part 5, D and complete SSA Checklist from EPA website ([Figure 11-1](#))

Other Aquifer? ☐ Yes ☒ No Name\_\_\_\_\_

Springs vents? ☐ Yes ☒ No Name\_\_\_\_\_

Well head protection area? ☐ Yes ☒ No Name\_\_\_\_\_

Groundwater recharge? ☐ Yes ☒ No Name\_\_\_\_\_

Notify District Drainage Engineer if karst conditions are expected or if a higher level of treatment may be needed due to a project being located within a WBID verified as Impaired in accordance with Chapter 62-303, F.A.C.

Date of notification: \_\_/\_\_/\_\_\_\_

#### PART 4: WATER QUALITY CRITERIA

List all WBIDs and all parameters for which a WBID has been verified impaired or has a TMDL in **Table 1**. This information should be updated during each re-evaluation as required.

Note: If BMAP or RAP has been identified in **Table 1**, **Table 2** must also be completed. *Attach notes or minutes from all coordination meetings identified in Table 2.*

EST recommendations confirmed with agencies? ☐ Yes ☒ No

BMAP Stakeholders contacted? ☐ Yes ☒ No

TMDL program contacted? ☐ Yes ☒ No

RAP Stakeholders contacted? ☐ Yes ☒ No

Regional water quality projects identified in the ELA? ☐ Yes ☒ No

If yes, describe: N/A

Potential direct effects associated with project construction and/or operation identified? ☐ Yes ☒ No

If yes, describe: N/A

Discuss any other relevant information related to water quality including Regulatory Agency Water Quality Requirements. N/A

## PART 5: WQIE DOCUMENTATION

- ☐ A. No involvement with water quality
- ☐ B. No water quality regulatory requirements apply.
- ☒ C. Water quality regulatory requirements apply to this project (provide Evaluator's information below). Water quality and stormwater issues will be mitigated through compliance with the design requirements of authorized regulatory agencies.
- ☐ D. EPA Ground/Drinking Water Branch review required. ☐ Yes ☐ No  
Concurrence received?  
If Yes, Date of EPA Concurrence: \_\_\_\_/\_\_\_\_/\_\_\_\_ (Attach the concurrence letter)

The environmental review, consultation, and other actions required by applicable state and federal environmental laws for this project are being, or have been, carried out by Florida's Turnpike Enterprise.

|                                                                                                |                     |
|------------------------------------------------------------------------------------------------|---------------------|
| Evaluator Name (print): Michael A. Holt                                                        |                     |
| Title: Tampa Drainage Group Leader                                                             |                     |
| Signature:  | Date: July 21, 2025 |

**Table 1: Water Quality Criteria**

| Receiving Waterbody Name<br>(list all that apply)  | FDEP Group Number / Name    | WBID(s) Numbers | Classification (I,II,III,IIIL,IV,V) | Special Designations* | NNC limits** | Verified Impaired (Y/N) | TMDL (Y/N) | Pollutants of concern | BMAP, RA Plan or SSAC |
|----------------------------------------------------|-----------------------------|-----------------|-------------------------------------|-----------------------|--------------|-------------------------|------------|-----------------------|-----------------------|
| South Fork St. Lucie River<br>(freshwater segment) | 2 / St. Lucie - Loxahatchee | 3210D           | 3F                                  | MS4 Area<br>FLR04R013 | N/A          | N                       | N          | N/A                   | N/A                   |
| Cypress Creek                                      | 2 / St. Lucie - Loxahatchee | 3224C1          | 3F                                  | MS4 Area<br>FLR04R013 | N/A          | N                       | N          | N/A                   | N/A                   |
| Moonshine Creek                                    | 2 / St. Lucie - Loxahatchee | 3224C2          | 3F                                  | MS4 Area<br>FLR04R013 | N/A          | N                       | N          | N/A                   | N/A                   |
|                                                    |                             |                 |                                     |                       |              |                         |            |                       |                       |
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|                                                    |                             |                 |                                     |                       |              |                         |            |                       |                       |

\* ONRW, OFW, Aquatic Preserve, Wild and Scenic River, Special Water, SWIM Area, Local Comp Plan, MS4 Area, Other

\*\* Lakes, Spring vents, Streams, Estuaries

Note: If BMAP or RAP has been identified in Table 1, Table 2 must also be completed.

**Table 2: Regulatory Agencies/Stakeholders Contacted**

| <b>Receiving Water Name<br/>(list all that apply)</b> | <b>Agency's Contact and Title</b> | <b>Date Contacted</b> | <b>Follow-up Required (Y/N)</b> | <b>Comments</b> |
|-------------------------------------------------------|-----------------------------------|-----------------------|---------------------------------|-----------------|
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