

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION  
**WATER QUALITY IMPACT EVALUATION CHECKLIST**

650-050-37  
ENVIRONMENTAL  
MANAGEMENT  
08/22

**PART 1: PROJECT INFORMATION**

Project Name:	Bradenton Palmeto Connector PD&E
County:	Manatee
FM Number:	444843-1-22-01
Federal Aid Project No:	TBD
Brief Project Description:	Provide additional capacity for US 41/US 301/SR 55 from US 301/SR 683 at 9th Street East to North of 25th Street East

**PART 2: DETERMINATION OF WQIE SCOPE**

Does project discharge to surface or ground water?  Yes  No

Does project alter the drainage system?  Yes  No

Is the project located within a permitted MS4?  Yes  No

Name: FDOT D1, Manatee County and Cities of Palmetto and Bredenton, MS4 Permits FLS000036 and FLS000037

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: Manatee River

Water Management District: SWFWMD

Environmental Look Around meeting date: [Click here to enter a date.](#)  
*Attach meeting minutes/notes to the checklist.*

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

**Groundwater**

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

If yes, complete Part 5, D and complete SSA Checklist shown in Part 2, Chapter 11 of the PD&E Manual

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: [Click here to enter a date.](#)

#### **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:

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

If yes, describe:

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

The project is expected to comply with the requirements of the new stormwater quality regulations:

a 95 percent reduction of average annual loading of TP and TN from the projected project.

No water quantity requirement of areas directly draining to Manatee River which is tidal.

Use based flood elevation from the City of Bradenton Watershed Riverine Model as the floodplain elevation/limit.

No floodplain compensation is required for the tidal floodplain. The tidal limit north of the bridge coincides with the FEMA floodplain boundary.

## PART 5: WQIE DOCUMENTATION

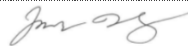
- A. No involvement with water quality
- B. No water quality regulatory requirements apply.
- C. Water quality regulatory requirements apply to this project (provide Evaluator's information below). Water quality and stormwater issues will be mitigated through compliance with the design requirements of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

The environmental review, consultation, and other actions required by applicable federal environmental laws for this project are being, or have been, carried out by the Florida Department of Transportation (FDOT) pursuant to 23 U.S.C. § 327 and a Memorandum of Understanding dated May 26, 2022 and executed by the Federal Highway Administration and FDOT.

Evaluator Name (print): Jianyun Wang

Title: Drainage Engineer

Signature:



Date: 4/15/2026

**Table 1: Water Quality Criteria**

Receiving Waterbody Name (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
Manatee River	Group 2 /Tampa Bay Tributaries	1848A	3M	Special OFW	Estuary	Yes	No	Nutrients	BMAP, RA Plan
Manatee River	Group 2 /Tampa Bay Tributaries	1848D1	3M	No	Estuary	Yes	No	Dissolved Oxygen, Nutrients, Bacteria	BMAP, RA Plan
Manatee River	Group 2 /Tampa Bay Tributaries	1848D2	3F	No	Stream	Yes	No	Nutrients, Bacteria, Biology	BMAP, RA Plan

\* 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.**

