

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

650-050-37  
ENVIRONMENTAL  
MANAGEMENT  
08/22

**PART 1: PROJECT INFORMATION**

Project Name:	SR 524 PD&E Study
County:	Brevard
FM Number:	437983-1-22-01
Federal Aid Project No:	
Brief Project Description:	The SR 524 PD&E Study consists of reviewing widening alternatives from two to four lanes divided and the no build alternative from Friday Road (south) to Industry Road in Brevard County.

**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 District Five Phase II MS4

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: St. Johns River

Water Management District: SJRWMD

Environmental Look Around meeting date: 8/10/2022  
*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 Florida Surficial Aquifer System

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: 8/10/2022

#### **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:

Regional Pond A alternative in Basin 3 has been identified and located west of Industry Road, north of SR 524, south of SR 528, and west of SR 501/Clearlake Road and 15.74 acres in size.

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 proposed stormwater management will provide the required water quality and attenuation requirements for the project in accordance with SJRWMD ERP regulations.


### 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): Raichel Gulde, EI

Title: Environmental Scientist II

Signature: 

Date: 12/30/2024

**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
SJR	Group 3	28935	III			Yes	No	FC, Ag	
SJR	Group 3	3056	III			No	No		

\* 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.

