

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 417 (Seminole Expressway) Sanford Airport Connector Project Development and Environment (PD&E) Study
County:	Seminole
FM Number:	Not Applicable
Federal Aid Project No:	Not Applicable
Brief Project Description:	This PD&E Study is to evaluate the proposed State Road (SR) 417 Sanford Airport Connector improvements from SR 417 to the entrance of the Orlando Sanford International Airport (SFB) at Red Cleveland Boulevard in Seminole County, FL.

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: Seminole County and Co Permittees

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: Navy Canal (WBID 2982) basin; Phelps Creek; Six Mile Creek

Water Management District: St. Johns River Water Management District

Environmental Look Around meeting date: This meeting has not yet occurred

Attach meeting minutes/notes to the checklist.

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

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 Surficial Aquifer

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: N/A

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.


SJRWMD water quality for wet detention applies whichever is greater (1" of runoff over the drainage area or the total runoff of 2.5" times the impervious areas). The eventual outfall is Lake Jesup, which has an adopted Basin Management Action Plan (BMAP). Therefore, nutrient loading analysis is required for all basins for Total Nitrogen and Total Phosphorus.

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

Evaluator Name (print): Renato Chuw, P.E.

Title: Senior Drainage Engineer

Signature: 

Date: 6/19/2025

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
Lake Jesup	2	2982	III	N/A	Lakes	Yes	Yes	TN & TP	BMAP

* 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.

