

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
TECHNICAL REPORT COVERSHEET

650-050-38
ENVIRONMENTAL
MANAGEMENT
08/22

DRAFT WATER QUALITY IMPACT EVALUATION CHECKLIST

Florida Department of Transportation

District 5

S.R. 60 Project Development and Environment (PD&E) Study

Limits of Project: Prairie Lake Road to Florida's Turnpike

Osceola County, Florida

Financial Management Number: 452574-1

ETDM Number: 14563

Date: June 2025

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.

Authorized Signature

Daniel P. Shull, P.E.

Print/Type Name

Drainage Engineer

Title

220 West Garden Street, Suite 700

Address

Pensacola, FL 32502

Address

Seal

WATER QUALITY IMPACT EVALUATION CHECKLIST

PART 1: PROJECT INFORMATION

Project Name:	SR 60 Project Development and Environment Study
County:	Osceola
FM Number:	452574-1-22-01
Federal Aid Project No:	
Brief Project Description:	Reconstructing SR 60 to be four-lane facility between the Kissimmee River Bridge and Florida's Turnpike

PART 2: DETERMINATION OF WQIE SCOPE

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

Does project alter the drainage system? ☐ Yes ☒ No

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

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: Lake Kissimmee, Blanket Bay Slough, Skeeter Slough, Lokosee Ditches, Unnamed Ditch near Yeehaw Junction, Unnamed Tributary to Cow Log Branch

Water Management District: SFWMD and SJRWMD

Coordination meeting date: ____/____/____
Attach meeting minutes/notes to the checklist. A coordination meeting with the water management districts will be held early in the design phase.

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

Groundwater
Sole Source Aquifer (SSA)? ☒ Yes ☐ No Name Biscayne Aquifer SSA Streamflow and Recharge Source Zones
If yes, complete Part 5, D and the [EPA Region 4 Sole Source Aquifer Project Review Form](#)

Other Aquifer? ☐ Yes ☒ No Name _____

Springs vents? ☐ Yes ☒ No Name _____

Well head protection area? ☐ Yes ☒ No Name _____

Figure 11-2 Water Quality Impact Evaluation

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: 06 / 23 / 25

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 through coordination or the WATERSS process? ☒ Yes ☐ No

If yes, describe: There is a project that was completed between SFWMD, FDEP, Florida Department of Agriculture and Consumer Services and Garcia Land Management, LLC that diverted water from Kissimmee River and Blanket Bay Slough for treatment onto on approximately 7,000 acres of private land.

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.

Based upon an agreement between FDOT and SFWMD, FDOT projects located within a WBID verified as impaired will not be subject to the additional 50% treatment volume requirement, but must show a net reduction in pollutant loading.

Figure 11-2 Water Quality Impact Evaluation (Page 2 of 5)

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: ___/___/___ (Attach the concurrence letter)

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Evaluator Name (print):	
Title:	
Signature:	Date:

Figure 11-2 Water Quality Impact Evaluation (Page 3 of 5)

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 Kissimmee	4 / Kissimmee River	3183B, 3183E2	III		TP 126,517 lbs/yr TN 2,795,484 lbs/yr	Yes (Kissimmee River)	Yes	BOD, Nitrogen, Phosphorus	Yes (BMAP - Lake Okeechobee)
Blanket Bay Slough	4 / Kissimmee River	3186G	III		Stream	Yes	Yes	BOD, Nitrogen, Phosphorus	Yes (BMAP - Lake Okeechobee)
Skeeter Slough	4 / Kissimmee River	3186F	III		Stream	No	Yes	BOD, Nitrogen, Phosphorus	Yes (BMAP - Lake Okeechobee)
Lokosee Ditches	3 / Upper St. Johns	3143	III		Stream	No	No		Yes (BMAP - Lake Okeechobee)
Unnamed Ditch Near Yeehaw Junction	3 / Upper St. Johns	3148	III		Stream	No	No		Yes (BMAP - Lake Okeechobee)
Unnamed Tributary to Cow Log Branch	3 / Upper St. Johns	3151	III		Stream	No	No		Yes (BMAP - Lake Okeechobee)

* 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.

Figure 11-2 Water Quality Impact Evaluation (Page 4 of 5)

Table 2: Regulatory Agencies/Stakeholders Contacted

Receiving Water Name (list all that apply)	Agency's Contact and Title	Date Contacted	Follow-up Required (Y/N)	Comments
Lake Kissimmee	SFWMD	6/11/2025	Yes	
Blanket Bay Slough	↓			
Skeeter Slough	↓			
Lokosee Ditches	SJRWMD			
Unnamed Ditch Near Yeehaw Junction	↓			
Unnamed Tributary to Cow Log Branch	↓			

Figure 11-2 Water Quality Impact Evaluation (Page 5 of 5)