

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

650-050-37  
ENVIRONMENTAL  
MANAGEMENT  
08/24

**PART 1: PROJECT INFORMATION**

Project Name:	McCulloch Road RCA Study
County:	Orange & Semionole County
FM Number:	N/A
Federal Aid Project No:	N/A
Brief Project Description:	Provide roadway improvments along 1.1 miles along McCulloch Road

**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: Orange County and Co Permitees and Seminole County and Co Permitees

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: Econlockhatchee River

Water Management District: St Johns WMD

Coordination meeting date: 4/19/2022

*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 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 \_\_\_\_\_

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: No Karst Conditions expected.

#### **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 through coordination or the WATERSS process?  Yes  No

If yes, describe:

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

If yes, describe:

**Increase in impermeable cover and erosion/sedimentation control during construction.**

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

**Project eventually discharges into Econlockhatchee River (OFW). However, no additional treatment is required for this project.**

#### **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):	
Title:	
Signature:	Date: <a href="#">Click here to enter a date.</a>

**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 Price Outlet	2	3012	IIIF	N/A	N/A	N	N/A	N/A	N/A

\* 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.





# MEETING MINUTES

**MEETING DATE:** April 19, 2022

**TIME:** 12:30pm

**LOCATION:** Microsoft Teams Meeting

**PURPOSE:** McCulloch Road, SJRWMD PRE-095-183309-1; Pre-App Meeting with SJRWMD

## In Attendance

NAME	ORGANIZATION	EMAIL
Richard Lee	SJRWMD	rlee@sjrwmd.com
Nicole Martin	SJRWMD	nmartin@sjrwmd.com
Jon Miller	Dewberry	jmiller@dewberry.com
Sean Carrigan	Dewberry	scarrigan@dewberry.com
Hannah Hart	Dewberry	hhart@dewberry.com
Jennifer Cummings	Orange County	jennifer.cummings@ocfl.net
Ian Phyers	Orange County	ian.phyers@ocfl.net

## Summary of Discussion

The meeting began with SJRWMD, County, and Consultant Team introductions.

The Project Description was also provided by Dewberry. Orange County is conducting a Roadway Conceptual Analysis (RCA) study for McCulloch Road from North Orion / Lockwood Boulevard to North Tanner Road. The jurisdictional boundary line between Orange County and Seminole County is aligned along McCulloch Road and the northern portion of public road right-of-way (ROW) is in Seminole County with the southern portion of public road ROW in Orange County. Orange and Seminole County have an interlocal agreement for the maintenance of McCulloch Road and coordination with Seminole County Public Works is being provided during the study. The objective of the RCA is to identify a preferred improvement alternative to address the current and future transportation needs along the corridor. The preferred improvements identified in the Final report will serve as the basis for the subsequent design (under a separate contract) of the roadway improvements.

### • Engineering

The following topics were discussed:

- Within Lake Price outlet (WBID 3012) sub-basin of the Upper St. Johns River Watershed
  - **WBID Not Impaired – Pollutant Loading Analysis is not required – Richard Lee**
- Eventually discharges to Econ River – OFW
  - **No direct discharge**
  - **Additional 50% Treatment volume not required, - Richard Lee**

- 6 existing roadway drainage basins
  - Treatment and attenuation are provided for the existing roadway
    - **If runoff from the widened portion of the roadway can be separated from the existing runoff then the existing ponds do not need to be modified. – Richard Lee**
  - Modify existing ponds
  - Alternative sites
- 1 existing cross drain: 5 - 72” pipes
  - Will require extension
- Floodplain – Zone A in 2 locations: **SJRWMD is only concerned with the 10-year floodplain impacts**
  - Impact determination – Lidar contour which follows Zone A delineation
  - Area is highly developed
    - Compensation within ponds not possible
    - Sites are limited to nonexistent
  - **Watershed model: County would have to provide the model (if any)**

- **Environmental**

The following topics were discussed:

- The approximate limits of the existing wetlands on site were discussed briefly and displayed for SJRWMD regulatory science team; the project site also contains a number of existing permitted stormwater systems, which would be classified as Other Surface Waters (OSWs).
- SJRWMD confirmed that the study area does contain Regulatory Conservation Easements, and it’s anticipated that those RCEs may need to be partially amended if additional Right-of-Way (ROW) is necessary for capacity improvements. SJRWMD is in the process of working with the Governing Board and Executive team to streamline partial amendment requests for public projects, such as this project.
- The RCE boundaries will be verified using the sketch and legal descriptions, based on Orange County book & page# 4084-909. The existing other permitted neighborhood areas will be also checked to confirm that no additional CEs exist that are unmapped but recorded in the study area.
- SJRWMD also confirmed the study area does contain Riparian Habitat Protection Zones (RHPZ). If RHPZ is not natural (i.e.: mowed ROW); then mitigation would not be required at time of permitting.
- Orange County explained that a permit application and wetland delineation schedule would follow within approximately two years, based on the current project funding and time to complete the corridor study.

- Protected Species observed within the study area include gopher tortoises (*Gopherus polyphemus*). The limited remaining natural habitat within the corridor primarily consists of floodplain and wetlands. Most of the remaining wetlands are ultimately surrounded by development in the regional area, with minimal upland habitat for large-scale, landscape-level wildlife movement.

We believe the foregoing record to be an accurate summary of the meeting and related decisions. We would appreciate notification of exceptions or corrections to these Minutes within five (5) days of receipt. Without notification, we will consider these minutes to be a record of fact.