

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

650-050-37  
ENVIRONMENTAL  
MANAGEMENT  
08/24

**PART 1: PROJECT INFORMATION**

Project Name:	Old Dixie Trail from Auburndale to Haines City
County:	Polk
FM Number:	435391-1
Federal Aid Project No:	N/A
Brief Project Description:	The FDOT is conducting this PD&E Study to provide regional connectivity, contribute to safe multimodal access to community and recreational destinations, enhance quality of life and foster economic development in the area for the Old Dixie Trail.

**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: Polk County, City of Auburndale, and City of Lake Alfred

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 Haines (WBID 1488C), Lake Hamilton Canal (WBID 1500A), Lake Lena Run (WBID 1501A), Lake Ariana Drain (WBID 1501F), Lake Van Outlet (WBID 1503A), Lake Hamilton Outlet (WBID 1504), Lake Hamilton Drain (WBID 1504B), and Lake Lulu Outlet (WBID 1521C1)

Water Management District: Southwest Florida Water Management District (SWFWMD)

Coordination meeting date: August 5, 2020

*Attach meeting minutes/notes to the checklist.*

Water Control District Name(s) (list all that apply): None

**Groundwater**

Sole Source Aquifer (SSA)?  Yes  No

Name N/A

If yes, complete Part 5, D and the [EPA Region 4 Sole Source Aquifer Project Review Form](#)

Other Aquifer?  Yes  No

Name Surficial Aquifer System

Springs vents?  Yes  No  
Name N/A

Well head protection area?  Yes  No  
Name N/A

Groundwater recharge?  Yes  No  
Name Floridan Aquifer

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 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:

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

This trail project is not anticipated to require format water quality treatment and is expected to be exempt from permitting pursuant to Rule 62-330.051(10), F.A.C.

#### 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: N/A  
*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): Hong Ting Chiu, P.E.

Title: Stormwater Engineer, HNTB Corporation

Signature:

Date: 9/27/2024

**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
Lake Haines	3/Saraso ta Bay-Peace - Myakka	1488C	3F			No	Yes	Nutrients (Total Phosphorous) ; Biology; Nutrients (Chlorophyll-a); Nutrients (Total Nitrogen)	
Lake Hamilton Canal	3/Saraso ta Bay-Peace - Myakka	1500A	3F			No	No		
Lake Lena Run	3/Saraso ta Bay-Peace - Myakka	1501	3F			Yes	No	Escherichia coli	
Lake Ariana Drain	3/Saraso ta Bay-Peace - Myakka	1501F	3F			No	No		
Lake Van Outlet	3/Saraso ta Bay-Peace - Myakka	1503A	3F			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.

**Table 1 (Continued): 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 Hamilton Outlet	3/Saraso ta Bay-Peace - Myakka	1504	3F			No	No		
Lake Hamilton Drain	3/Saraso ta Bay-Peace - Myakka	1504B	3F			No	No		
Lake Lulu Outlet	3/Saraso ta Bay-Peace - Myakka	1521C1	3F			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.

**Table 2: REGULATORY Agencies/Stakeholders Contacted**

<b>Receiving Water Name (list all that apply)</b>	<b>Contact and Title</b>	<b>Date Contacted</b>	<b>Follow-up Required (Y/N)</b>	<b>Comments</b>
Lake Haines; Lake Hamilton Canal; Lake Lena Run; Lake Ariana Drain; Lake Van Outlet; Lake Hamilton Outlet; Lake Hamilton Drain; and Lake Lulu Outlet	SWFWMD	8/5/2020	No	Pre-Application Meeting