

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
WATER QUALITY IMPACT EVALUATION CHECKLIST

650-050-37
 ENVIRONMENTAL
 MANAGEMENT
 08/22

PART 1: PROJECT INFORMATION

Project Name:	Broad Causeway Bridge Replacement - Bridge No. 875101
County:	Miami-Dade County
FM Number:	452428-1-21-01
Federal Aid Project No:	N/A
Brief Project Description:	<p>Replacement of the Existing Broad Causeway Bridge - SR 922 over the Intracoastal Waterway in the Town of Bay Harbor Islands.</p> <p>The project discharges to the Biscayne Bay Aquatic Preserve. The receiving waters will be protected during construction of the bridge by appropriate temporary erosion and sediment control Best Management Practices (BMPs). The project will include required permanent stormwater management BMPs for long term protection of the Bay.</p>

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: _____

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: Biscayne Bay Aquatic Preserve

Water Management District: South Florida Water Management District

Environmental Look Around meeting date: [Click here to enter a date.](#)

Attach meeting minutes/notes to the checklist.

Water Control District Name(s) (list all that apply): Miami-Dade County's Department of Regulatory Economic Resources' (DRER) Division of Environmental Resource Management (DERM)

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 _____

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: [Click here to enter a date.](#)

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:

During construction, Best Management Practices (BMPs) will be followed to reduce or eliminate impacts from sedimentation and runoff.

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

The design of the stormwater facilities will comply with the standards set forth by SFWMD and FDOT. An Environmental Resource Permit (ERP) will need to be acquired from SFWMD during the design of this project. Stormwater captured by the stormwater collection system will be conveyed to wet detentions facilities or French Drains. BMPs should be implemented during construction, including the installation and regular maintenance of erosion control structures. Additionally, stormwater collection and treatment mechanisms will be designed to protect the function of surrounding surface waters

Miami-Dade County's Department of Regulatory Economic Resources' (DRER) Division of Environmental Resource Management (DERM) also has jurisdiction within the project area. A permit will be obtained from DERM.

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): Rick Renna

Title: Stormwater Management Engineer-of-Record

Signature:



Date: 9/25/2023

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
Biscayne Bay Aquatic Preserve	4 / Southeast Coast - Biscayne Bay	3226H, 3226H2	III	OFW	Estuaries	Yes	No	Mercury and chlorophyll-a	None

* 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

Receiving Water Name (list all that apply)	Contact and Title	Date Contacted	Follow-up Required (Y/N)	Comments
Biscayne Bay Aquatic Preserve	Chris Stahl, FDEP ETAT Member	5/25/23	No	
Biscayne Bay Aquatic Preserve	Caitlin Westerfield, SFWMD ETAT Member	5/22/23	No	
Biscayne Bay Aquatic Preserve	Terry Adelsbach, USEPA ETAT Member	6/8/23	No	