
WATER QUALITY IMPACT EVALUATION CHECKLIST

PART 1: PROJECT INFORMATION

Project Name:	SR 934/NE 79th Street Bridges
County:	Miami-Dade County
FM Number:	449007-1-22-01
Federal Aid Project No:	NA
Brief Project Description:	Replacing four existing bridges over Biscayne Bay with no increase in vehicle capacity

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: Miami-Dade County and Co-permittees, and City of Miami

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

Water Management District: South Florida Water Management District

Environmental Look Around meeting date: ____/____/____ To Be Determined

Attach meeting minutes/notes to the checklist.

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

Groundwater

Sole Source Aquifer (SSA)? No If yes, complete Part 5, D and complete SSA

Checklist from EPA website ([Figure 11-1](#))

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: 10/16/2023

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: [Increased impermeable cover to accomodate widened roadway/bridges, additional bike lanes and sidewalk, erosion/sedimentation during construction, bridge replacements in Biscayne Bay. Project requires stormwater treatment.](#)

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

[The project would outfall into Biscayne Bay, which is tidally influenced and is an Aquatic Preserve and an Outstanding Florida Water \(OFW\), requiring 50% greater treatment of stormwater above the amounts required pursuant to Section 4.2.1, A.H. Volume 2. Additionally, a site-specific pre- vs. post-development nutrient analysis will be required in accordance with the procedures outlined in Appendix E , A.H. Volume 2. Project activities, including drainage improvements, that occur on County property will require a Class I permit from Miami-Dade County.](#)

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. No
Concurrence received? Yes
If Yes, Date of EPA Concurrence: 1 / 17 / 2024 (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): Rob Myers	
Title: Environmental Manager, Metric Engineering	
Signature:	Date:

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
ICWW-Northern North Bay	Southeast Coast-Biscayne Bay Group 4	3226H5	IIIM	OFW, Aquatic preserve	Estuary	Y	N	Nutrients (Chlorophyll-a), Bacteria	NA
ICWW Southern North Bay	Southeast Coast Biscayne Bay; Group 4	3226H6	IIIM	OFW Aquatic Preserve	Estuary	Y	N	Nutrients: (Cholorphyll-a) Bacteria	NA

* 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)	Agency's Contact and Title	Date Contacted	Follow-up Required (Y/N)	Comments
NA	NA	NA	NA	NA

Rob Myers

From: Martinez, Paola <Paola.Martinez@dot.state.fl.us>
Sent: Thursday, January 18, 2024 6:33 AM
To: Rob Myers; Schnell, Steven
Subject: FW: Webform submission from: EPA Region 4 Sole Source Aquifer Project Review Form - Section A: Project Description

CAUTION: EXTERNAL EMAIL - DO NOT click links unless you recognize the sender and know it is safe.

FYI below

Paola Martinez, P.E.
Project Manager
Consultant Management Office - FDOT District VI
1000 NW 111 Avenue
Miami, Florida 33172
Office: 305-470-5210
Email:paola.martinez@dot.state.fl.us

-----Original Message-----

From: US EPA <drupal_admin@epa.gov>
Sent: Wednesday, January 17, 2024 8:14 PM
To: R4_SSA@epa.gov
Cc: Martinez, Paola <Paola.Martinez@dot.state.fl.us>
Subject: Webform submission from: EPA Region 4 Sole Source Aquifer Project Review Form - Section A: Project Description

EXTERNAL SENDER: Use caution with links and attachments.

Submitted on January 17, 2024 8:12 pm EST Submitted by: Anonymous

Submitted values are:

Start

Section A: Project Description

Name of Entity: Florida Department of Transportation District 6 Section A: Contact Information

Contact Person:: Paola Martinez

Contact Email Address: paola.martinez@dot.state.fl.us Contact Mailing Address::

1000 NW 111 Avenue

Miami, FL. 33172

Contact Phone Number: 305-470-5210

Please enter the name of the project: SR 934/NE 79th Street Bridges Please enter the project address (physical location - Street, City, State, ZIP) and geographic coordinates, if available.:

The project is located along State Road 934/NE 79th Street, from milepost (MP) 1.077 (Pelican Harbor Drive) to MP 1.947 (Adventure Avenue). The westernmost project terminus is on an island that is part of the City of Miami and is occupied by Pelican Harbor Park and Marina, Miami, FL 33138. The project extends to the east to North Bay Island and Treasure Island, which make up North Bay Village, FL 33141.

Westernmost project limits 25°50'54.03"N 80°10'2.68"W

Easternmost project limits 25°50'55.39"N 80° 9'10.06"W

Is your project receiving any federal financial assistance, through a grant, contract, loan guarantee, or otherwise?: Yes

Enter the federal agency and/or authority through which you are receiving the federal financial assistance. :

Federal Highway Association

Is the project address completely or partially located within a SSA or a SSA's recharge zone? : No

End of Form/End Section A - NR

----- Dear Paola Martinez, -----

Date: January 17, 2024 [1]

Project Name: / /SR 934/NE 79th Street Bridges

Project Location: / /The project is located along State Road 934/NE 79th Street, from milepost (MP) 1.077 (Pelican Harbor Drive) to MP 1.947 (Adventure Avenue). The westernmost project terminus is on an island that is part of the City of Miami and is occupied by Pelican Harbor Park and Marina, Miami, FL 33138. The project extends to the east to North Bay Island and Treasure Island, which make up North Bay Village, FL 33141.

Westernmost project limits 25°50'54.03"N 80°10'2.68"W

Easternmost project limits 25°50'55.39"N 80° 9'10.06"W

The U.S. Environmental Protection Agency, Region 4, received your request to review the above referenced project to determine its effects on a Sole Source Aquifer (SSA). Pursuant to Section 1424(e) of the Safe Drinking Water Act (Public Law 93-523, 42 U.S.C. § 300 et. seq), no commitment for federal financial assistance (through a grant, contract, loan guarantee, or otherwise) may be entered into for any project which the EPA determines may contaminate a SSA through a recharge zone so as to create a significant hazard to public health.

Based on the information you have provided, this project is not receiving any federal financial assistance and/or is not located within a SSA boundary or recharge zone. *Therefore, this project does not require a SSA review under Section 1424(e) of the Safe Drinking Water Act of 1974 (Public Law 93-523, 42 U.S.C. 300 et. seq). *

This determination may no longer be valid if there are any changes to the project that would affect your answers regarding federal financial assistance and location of the project within a SSA and/or its recharge zone, and you must notify the EPA Region 4 office as soon as you become aware of any such changes. Please be advised that this letter is not a permit, whether for the injection of fluids under the SDWA or for any other activity, nor does it constitute a waiver, suspension, or modification of any applicable federal, state, or local laws.

Thank you for your concern with the environmental impacts of this project.

If you have any questions, please contact R4-SSA@epa.gov [2], Mr. Khurram Rafi at 404-562-9283 or Mr. Larry Cole at 404-562-9474.

Preview your answers on the next page and submit.

[1]

<https://nam04.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.epa.gov%2Fvoid%25280%2529%253B&data=05%7C02%7Crob.myers%40metriceng.com%7C69e88d0eb64141764d7d08dc18219859%7C785e3720537e4b60a99519d9c7bf39dc%7C1%7C0%7C638411779820276122%7CUnknown%7CTWFpbGZsb3d8eyJWljiMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6Ikk1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=I32UflgT%2BwyqvsI7JBhaxNW%2BHIFNSJLcIFYmqF%2BZR2k%3D&reserved=0>

[2] <mailto:R4-SSA@epa.gov>

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