



Miami River (C-6) WBIDs Bacteria Pollution Control Plan (BPCP)

Maps On Table (MOT) Stakeholder Event

Prepared for:

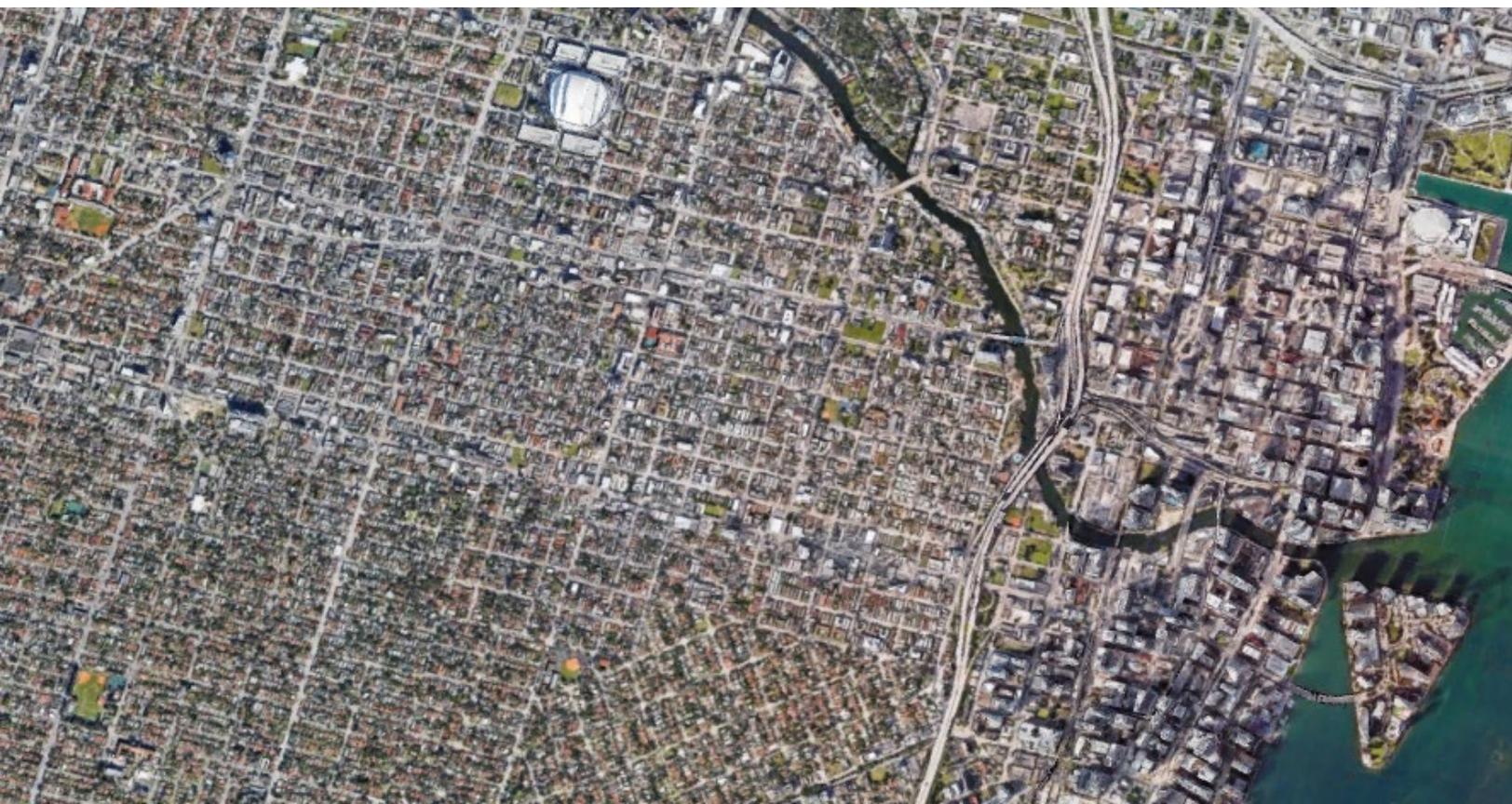
**Miami-Dade County
Department of Regulatory and Economic Resources (RER)
Department of Environmental Resources Management (DERM)
Department of Transportation and Public Works (DTPW)**

Prepared by:

**GHD Services Inc.,
5805 Blue Lagoon Drive, Suite 220A, Miami, FL 33126
Telephone & Fax: 561-688-9005, www.ghd.com**

**County Project No.: EDP-PE-DE-82WM, Task No. 4
GHD Project Number: 12610795-04**

December 19, 2025





December 19, 2025

Miami-Dade County Department of Transportation and Public Works (DTPW)
Right of Way and Stormwater Planning and Design Division
111 N.W. 1st Street, 15th Floor
Miami, Florida, 33128
Attention: Mallika Muthiah, P.E. - Senior Professional Engineer

Re: Miami-Dade County Miami River (C-6) WBIDs Bacteria Pollution Control Plan (BPCP)
Maps On Table (MOT) Stakeholder Event
Miami-Dade County Project No. EDP-PE-DE-82WM, Task No.4
GHD Project No: 12610795-04

Dear Ms. Muthiah,

GHD Services, Inc. (GHD) was contracted by Miami-Dade County to assist in developing a comprehensive Bacteria Pollution Control Plan (BPCP) for Miami River (C-6 Canal). The Miami River (C-6 Canal) is a primary canal under the jurisdiction of the South Florida Water Management District (SFWMD) in the Waterbody Identification (WBID) Numbers 3288, 3288B, and 3290. The Miami River WBIDs are in the State of Florida Department of Environmental Protection's (DEP) Verified List of impaired water bodies for bacteria pollution. As part of this the BPCP process, a virtual Maps on Table (MOT) exercise was conducted on November 4, 2025. A total of forty-nine (49) stakeholders from Miami-Dade County, Florida Department of Transportation (FDOT) District 6, Florida Department of Environmental Protection (FDEP), Florida Department of Health (FDOH), South Florida Water Management District (SFWMD), City of Doral, Town of Medley, City of Miami Springs, City of Hialeah Gardens, City of Hialeah, City of Miami, and Miami River Commission participated in this meeting. The MOT exercise is designed to foster collaboration among stakeholders, encourage open communication across agencies, and leverage local knowledge to identify potential sources of pollution. Information gathered during this exercise will be used in the development of the BPCP.

Attachment A includes the email invitation sent to all stakeholders within the Miami River (C-6) Basin.

Attachment B includes the presentation slides provided during the MOT stakeholder event.

The project is in accordance with Contract Number EDP-PSA-2024, Work Order No. EDPPE-DE-82WM. The project is executed on a task authorization basis under the supervision of GHD's project manager.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning this report, please contact us.

A handwritten signature in black ink, appearing to read 'Jingwei Li'.

Jingwei Li, PE

Project Manager

Attachment A

Email Invitation for Maps on Table Exercise

Jingwei Li

Subject: Miami River Bacteria Pollution Control Plan Maps On Table Stakeholder Event
Location: Microsoft Teams Meeting

Start: Tue 11/4/2025 10:00 AM
End: Tue 11/4/2025 11:30 AM

Recurrence: (none)

Meeting Status: Accepted

Organizer: Simonia Ramirez-Dias

Good Morning,

GHD Services, Inc. (GHD) is a consulting company which has been contracted by Miami-Dade County (County) to assist in the development of a comprehensive Bacteria Pollution Control Plan (BPCP) for Miami River (C-6 Canal). The Miami Dade County contact with reference to this project is Mallika Muthiah from the Department of Transportation and Public Works (DTPW).

The Miami River is a primary canal under the jurisdiction of the South Florida Water Management District (SFWMD). Connecting Biscayne Bay to the Everglades, Miami River is one (1) of the four (4) original rivers that traverse Miami-Dade County and flow into Biscayne Bay. The State of Florida Department of Environmental Protection (DEP) has established the Waterbody Identification (WBID) Numbers 3288, 3288B, and 3290 for various segments of the Miami River Basin. The Miami River WBIDs are in the DEP's Verified List of impaired water bodies for bacteria pollution.

As part of this the BPCP process, GHD and the County will be conducting a Maps on Table (MOT) exercise in preparation for a Walk the WBIDs (WTW) event. The MOT exercise is designed to foster collaboration among stakeholders, encourage open communication across agencies, and leverage local knowledge to identify potential sources of pollution. The WTW event, conducted in the field, builds upon the MOT outcomes. WTW is an effective tool which assists stakeholders in identifying the locations of potential sources, observing priority areas firsthand, discussing challenges and management actions collaboratively, and validating findings through on-site observation.

As a key stakeholder in this process, we would like to invite your organization to attend and actively participate. We will be conducting the Maps on Table as a virtual event (Teams Meeting). We are hoping that you or another representative from your organization will be able to join us on Tuesday, **November 4, 2025, from 10:00 am – 11:30 am**. The attached digital brochure provides background information on the Miami River, as well as the discussion topics that will be addressed during the MOT event. Based on the map included in the brochure, attendees will be divided into three groups: West (Area 1), Central (Area 2), and East (Area 3). Please advise if you have a preference, expertise, or knowledge for a specific area or group assignment. Kindly take some time to review the information and discussion questions prior to participating in the event.

After completion of the Maps on Table exercise, we will schedule the Walk the WBIDs (WTW) event on Wednesday, **December 10, 2025, from 9:00 am – 4:00 pm (tentative)**. All stakeholders will transport in their own vehicle or in a multi-passenger vehicle (arranged by GHD) to “Walk” the WBIDs. Further details on the Walk the WBID event will be discussed during the MOT, and associated information will be distributed after completion of the Maps on Table exercise.

If you are not able to attend our Maps on Table event, you are still invited to participate in the Walk the WBID events. **Please let me know if your organization can or cannot attend the MOT event by Thursday, October 30, 2025, and the WTW event by Wednesday, December 3, 2025, by replying to this email.**

For more information on the project, please contact Jingwei Li, jingwei.li@ghd.com.

Thank you for your consideration of our request. We look forward to your participation in this important endeavor!

Microsoft Teams [Need help?](#)

[Join the meeting now](#)

Meeting ID: 423 003 843 523 5

Passcode: 35Sy6C8U

Dial in by phone

[+1 628-222-7578,,363538158#](tel:+16282227578,363538158#) United States, San Francisco

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Phone conference ID: 363 538 158#

For organizers: [Meeting options](#) | [Reset dial-in PIN](#)

For a full list of GHD conference numbers or if the number displayed is not your local country select Help.

[Org help](#)

Attachment B

Maps On Table (MOT) Presentation Slides



→ Miami-Dade County

Bacteria Pollution Control Plan for Miami River (C-6 Canal)

Welcome



Maps on Table

→ Miami River (C-6)

Bacteria Pollution

Control Plan (BPCP)



GHD Team

Technical Team

Jingwei Li, P.E.
Project Manager

Madison Mullen
Environmental Scientist

Jessica Walsh
Environmental Engineer

GIS Team

Justyn Patterson
Location Intelligence
Analyst

Engagement Team

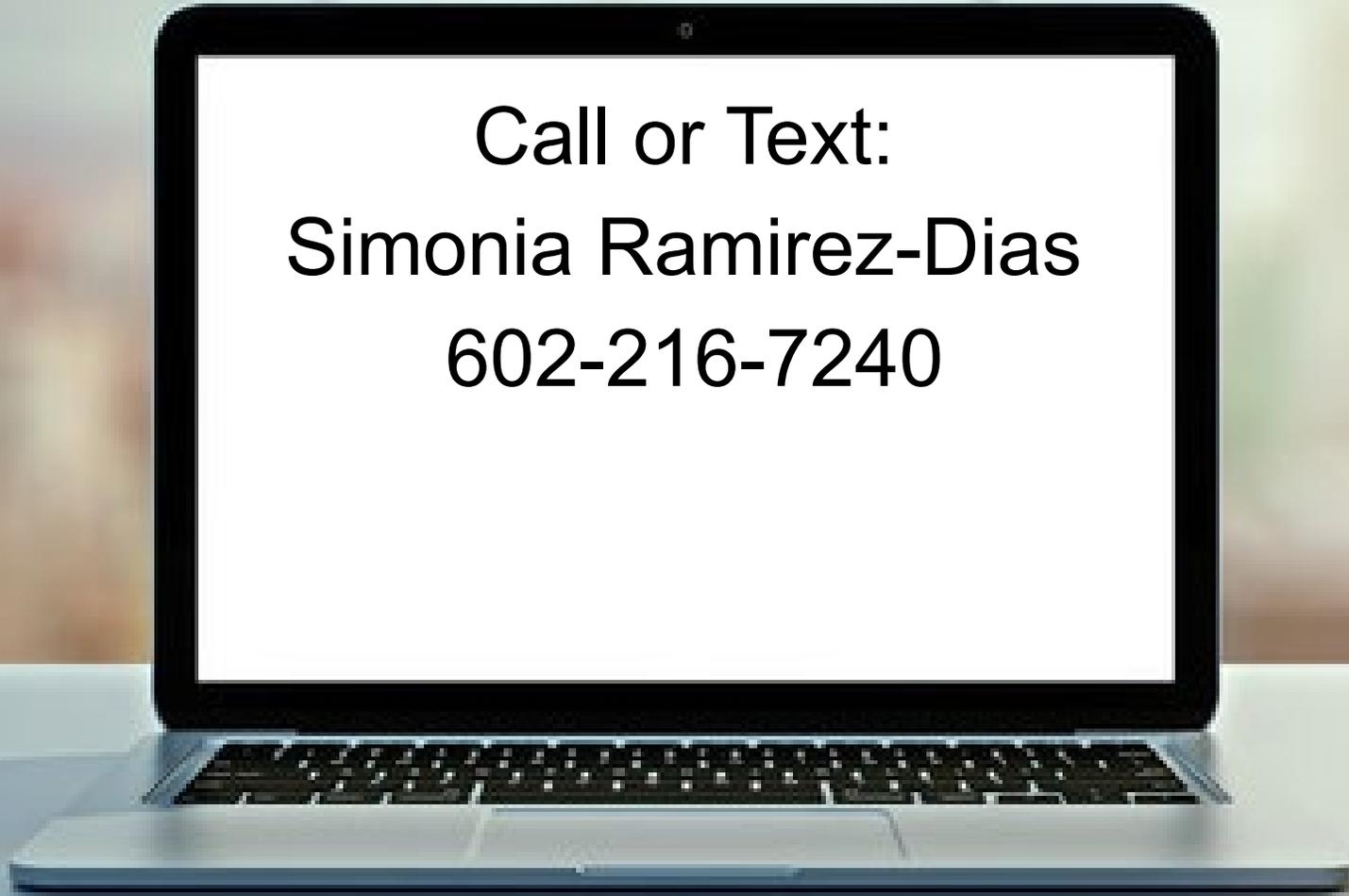
Simonia Ramirez-Dias
Engagement and
Communications
Advisor

Miami-Dade County Contact

Mallika Muthiah, P.E., Senior Professional Engineer
Department of Transportation and Public Works (DTPW)

Technical Help

Call or Text:
Simonia Ramirez-Dias
602-216-7240



TECHNICAL TIPS

08:23

test



You entered in the mute mode, please stay muted with camera off

Please enter any questions you have in the Chat and we will try to answer them as we go along

To participate in breakout rooms you need to be on your computer or MS Teams Smart Phone App

Please be aware that we are recording the general session

Meeting chat

meeting to test.

5/11/2021 10:07 AM Meeting ended: 4m 26s



Attendance rep...
Click here to download ...

Today



3:15 PM Meeting started

Type a new message



Type here to search



3:24 PM 5/17/2021

TECHNICAL TIPS

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13:10



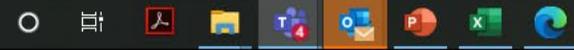
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Click the three dots

Choose Call me

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- Meeting info
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- Focus
- Full screen
- Call me
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3:28 PM
5/17/2021

TECHNICAL TIPS

Use phone for audio

Enter your number and we'll call you.

Enter phone number

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Favorites

+1 239 215-3910
Home

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- Select Dial in manually then follow directions
- Don't forget to mute your computer!

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Passcode: 35Sy6C8U

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Phone conference ID: 363 538 158#

Introductions

- Miami-Dade County
- GHD
- Florida Department of Transportation (FDOT)
- Florida Department of Environmental Protection (FDEP)
- Florida Department of Health (FDOH)
- South Florida Water Management District (SFWMD)
- City of Doral
- Town of Medley
- City of Miami Springs
- City of Hialeah Gardens
- City of Hialeah
- City of Miami
- MDAD-MIA
- Miami Waterkeeper
- Waterway Advocates
- Environmental Coalition of Miami & the Beaches
- Miami River Commission



Please Turn on Your Camera for a Quick Photo!

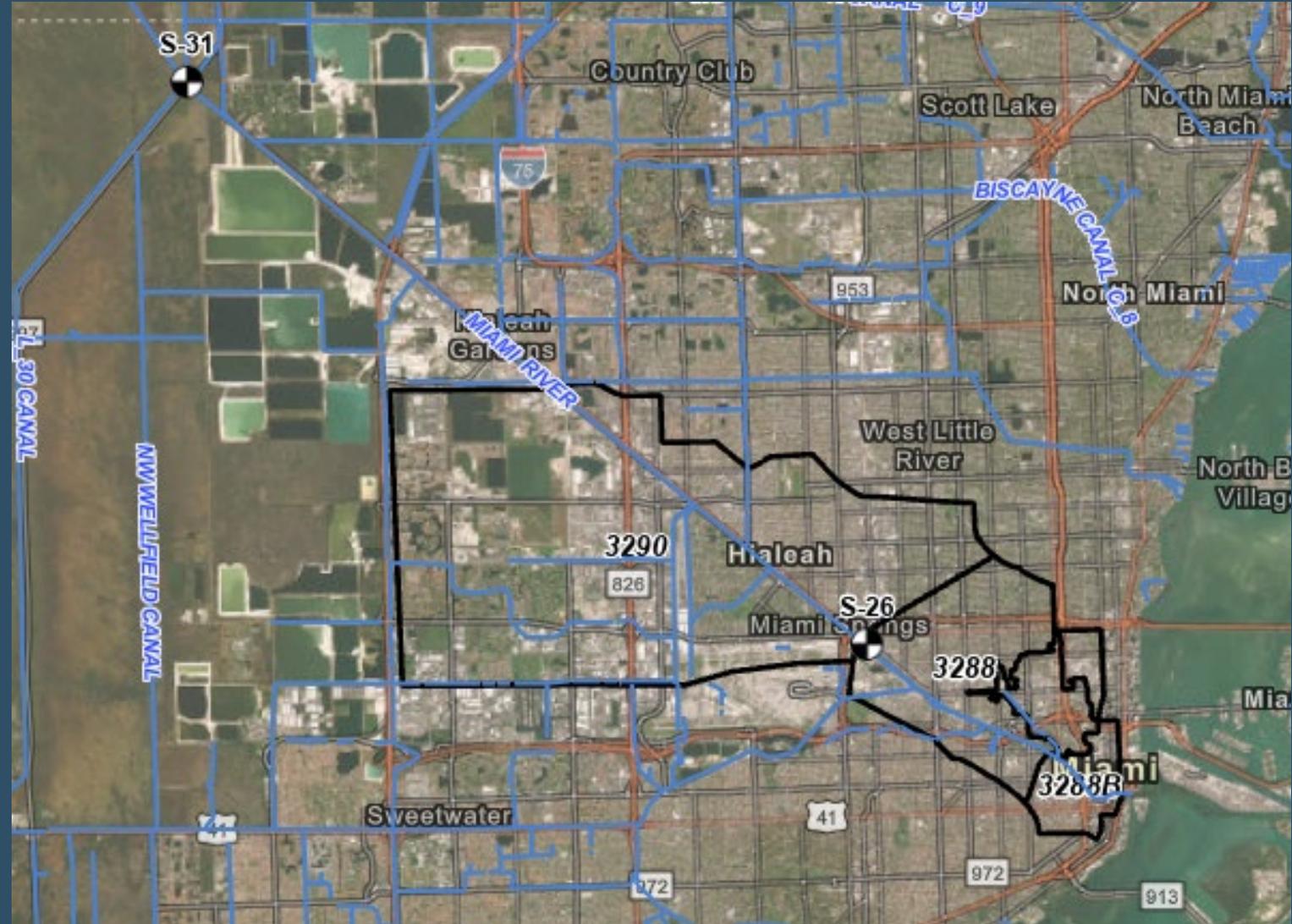


Agenda

- Bacteria Pollution Control Plan (BPCP)
- Review of Miami River (C-6) WBIDs
- Review of Maps on Table (MOT) Objectives
- Breakout Room Activities
- Review Findings from Breakout Rooms
- Discuss Upcoming Walk the WBIDs Event

Miami River (C-6 Canal) WBIDs 3288, 3288B, and 3290

- Miami River Waterbody IDs (WBIDs) are in the FDEP's Verified List of impaired water bodies for bacteria pollution.
- One of the four original rivers that flow into Biscayne Bay.
- Miami River was designed for four purposes:
 - providing flood protection and drainage
 - supplying water
 - maintaining an adequate ground water table elevation
 - receiving flows from C-5 and C-4 Canals and transporting to Biscayne Bay



Bacteria Pollution Control Plan (BPCP)

Contributions to Bacteria Impairments:

- Trash/Litter
- Overgrown vegetation
- Build-up of silt and debris



Bacteria Pollution Control Plan (BPCP)

Goal is to restore bacteria-impaired waters

- Identify sources
 - Trend Analysis
 - GIS review
 - Maps on Table
 - Walk the WBIDs
- Develop bacteria reduction strategies
- Provide community engagement recommendations



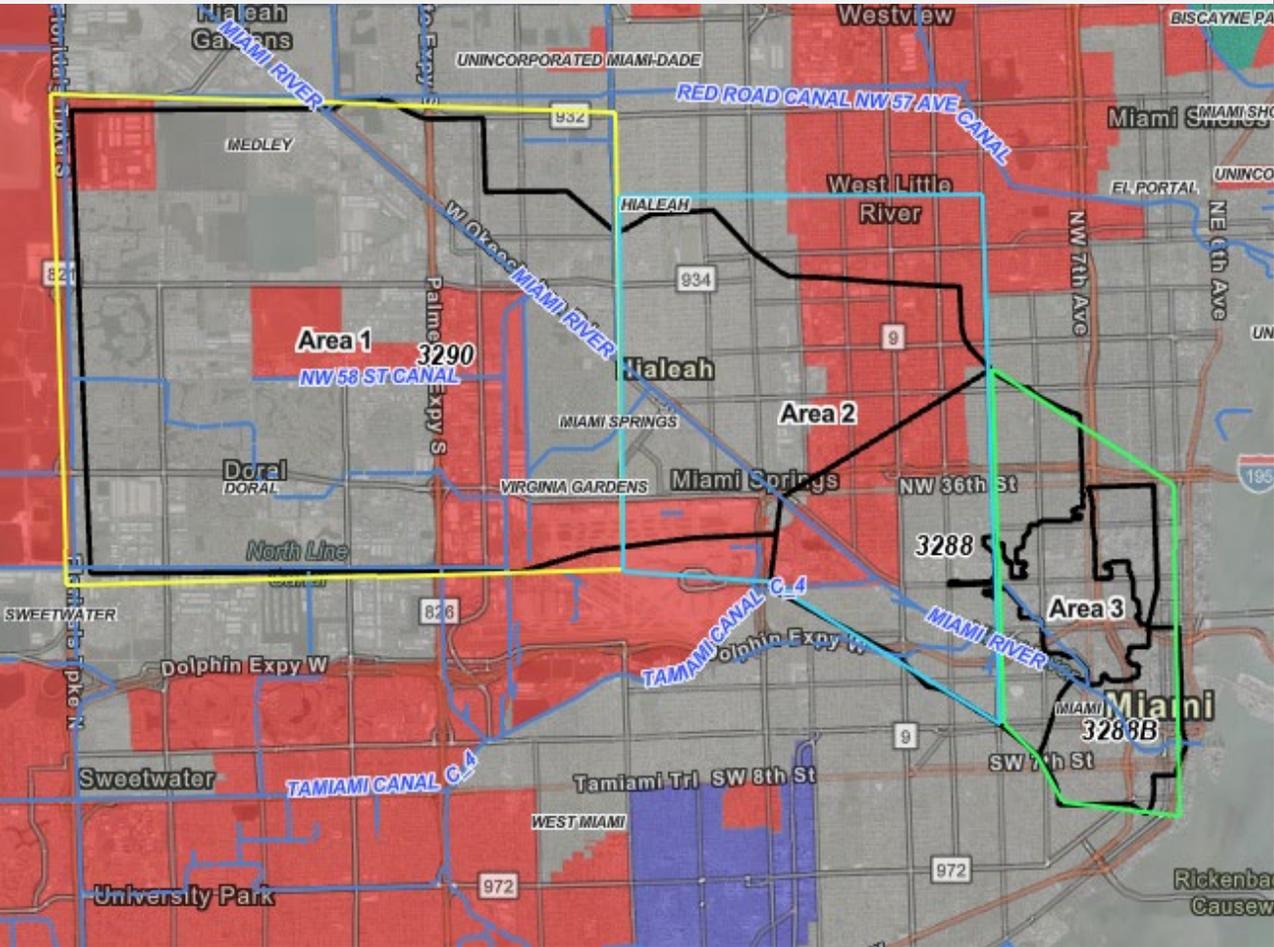


Maps on Table Objectives

- Solicit input from stakeholder groups with knowledge of potential sources of bacteria pollution in the WBIDs
- Plot those concerns on a GIS layer specific to each group.
- Prepare a list of locations to visit during Walk the WBIDs event.
- Identify areas for additional research.

Maps on Table

Breakout Session Topics



- 1. Sanitary sewer locations (mains, interceptors, overflows, air release valves, treatment systems, canal crossings, pump systems, illicit connections, etc.)
- 2. Septic system locations
- 3. Land use (industrial, recreational, residential, food establishments, etc.) with a specific focus on yard waste/vegetative debris, dumpsters, grease trap locations, etc.
- 4. Stormwater conveyance systems
- 5. Homeless camps
- 6. Animal activities (dog parks, agricultural areas, hobby farms, bird rookeries, etc.)

TECHNICAL TIPS

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13:10



Moving to Breakout Rooms (60 minutes)

- Once you are in the breakout room, if you use the leave button you will exit the event and will need to reenter via the meeting link
- To make a comment or ask a question
 - Raise your hand and unmute to speak or
 - Use the chat feature
- To see who is in your room click on the people
- When we send you into your breakout rooms you will see a count down on your screen
- Simonia will monitor timing and send transition reminders
- You will see a warning in the chat when it's time to leave the Breakout rooms and reconvene as a large group

Upcoming Event: Walk the WBIDs



- Identify potential sources of pollution
- Facilitate collaboration among stakeholders
- Validate findings in the field
- Strengthen local knowledge

Walk the WBIDs (WTW) event: Wednesday, **December 10, 2025, from 10:00 am – 4:00 pm (tentative)**.

All stakeholders will transport in their own vehicle or in a multi-passenger vehicle (arranged by GHD) to “Walk” the WBIDs.

Associated information will be distributed after completion of the Maps on Table exercise.

If you are not able to attend our Maps on Table event, you are still invited to participate in the Walk the WBID events.

For more information on the project, please contact:

GHD: Jingwei Li, jingwei.li@ghd.com.

Thank you

for participation in this important endeavor!