

Miami River Commission's Stormwater Subcommittee December 4, 2019 Meeting Minutes

The Miami River Commission's (MRC) Stormwater Subcommittee (SSC) held a public meeting on December 4, 2019, 10 AM, 1407 NW 7 Street, Miami, FL. The SSC's previously distributed September 4, 2019 public meeting minutes were accepted. The attendance sign in sheet is attached.

I. "Walk the WBID" Water Body Identification (WBID) for the Miami River

Ms. Elyrosa Estevez, City of Miami, stated the City of Miami is in the process of renewing their 3 year contract, at \$250,000 per year, for the Scavenger Water Decontamination Vessel, which collects floating debris, decontaminates 600,000 gallons of water per hour, and injects 150,000 liters of oxygen per hour into the water, which improves water quality.

Ms. Elyrosa Estevez, City of Miami, stated on December 3 at 11 AM a water line broke at the 1 ST bridge replacement site, which created significant turbidity in the Miami River. The broken water line was quickly repaired, by 1 PM. The City of Miami issued a \$1,000 water quality violation fine. MRC Director Bibeau thanked FDOT for contracting the Scavenger Water Decontamination Vessel that same day, to provide an hour of needed oxygenation and water decontamination next to the 1 ST Bridge.

MRC Director Bibeau distributed a picture he took during a king tide of a massive amount of water gushing out of an open manhole cover, 2 feet into the air and flooding an area in Little Havana across the street from a school. Elyrosa Estevez, City of Miami, stated they cleaned the line and welded the manhole cover back on with a water tight seal, but the pressure of the water was so great it popped the welded manhole cover off again during king tide when the water flooded the street again. Therefore, the City of Miami will now install a pressurized man hole cover.

The MRC Stormwater subcommittee distributed reviewed and discussed a City of Miami exhibit depicting all the proposed and completed locations for back flow preventers to be installed along the Miami River and Biscayne Bay using "Miami Forever" GOB Bond Issue funding. Elyrosa Estevez, City of Miami, provided an updated exhibit, which now included additional future back flow preventer locations on the Miami River, which per MRC Director Bibeau's previous suggestion now includes future locations along the Miami River both east of I-95 and west of 12 Ave. The backflow preventers cost estimated \$34,000 - \$62,000, and are estimated to all be installed by December 2020.

II. "Miami River Basin Water Quality Improvement Report's Agency Quarterly Implementation Progress Reports

Mr. Omar Abdelrahman distributed and presented Miami Dade County's Department of Environmental Resource Management's (DERM) quarterly Miami River Basin Water

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Quality Improvement Plan's progress report. The most alarming water quality violations were detected at Wagner Creek testing location 4, where 15,000 and 8,500 (cfu's / 100ml) E. Coli Bacteria was found, while the County's clean water standard is only 126 (cfu/100ml). Mr. Abdelrahman, DERM, stated Miami-Dade County is contracting an engineer to investigate with cameras to look for illicit discharges.

III. New Business

The MRC SSC's next quarterly public meeting will be March 4, 2020, 10 AM, 1407 NW 7 ST.

The meeting adjourned.

**Miami River Commission's
Stormwater Subcommittee Meeting**

Wednesday, December 4, 2019
10:00 AM
1407 NW 7 ST
Miami, FL

<u>NAME</u>	<u>ORGANIZATION</u>	<u>PHONE / FAX / EMAIL</u>
Arita Nash	FDEP	
Ely Estevez	City of Miami	
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