



MIAMI RIVER BASIN WATER QUALITY IMPROVEMENT REPORT
2nd QUARTERLY REPORT
(SEPTEMBER 3, 2003 MRC STORMWATER SUBCOMMITTEE MEETING)

Action Items

1. Storm water
 - a. Retrofit drainage in remaining areas of Miami River starting with Pinehurst neighborhoods

Status: The city consultant, PBS&J, submitted 100% conceptual design plans. The city has approved the revised design proposal and is pending the preparation of a purchase order prior to issuing a Notice to proceed to commence the design. Design phase is anticipated to be completed by March 2004. Estimated total project cost is \$ 1,520,000. There is an estimated funding shortfall of \$ 40,000.

The project boundaries are bounded on the north by N.W. 28th Street, on the south by N.W. 20th Street, on the west by N.W. 17th Avenue and on the east by N.W. 12th Avenue.

- b. Little Havana Storm Sewer Rebuilding Project

Status: The construction for this project is 100% complete.

The project location is S.W. 10th Terrace between S.W. 27th and S.W. 28th Avenue.

- c. Allapattah Storm Sewer Project

Status: Funding has been allocated for this project. Construction for this project is in progress and anticipated to be completed in December 2003. Estimated total project cost is \$ 230,000.

This project is located along N.W. 15th Street between 13th Court and 14th Avenue and along 13th Court between 15th and 16th Street.

d. Downtown Storm Sewers Rebuilding Project

Status: This project is divided in two phases: Phase I (S.W. 15th Road) and Phase II (North Bay shore Drive at N.E. 18 Street). Phase I is complete.

Phase II design plans have been completed by Milian Swain and Associates. However, this project was closed on July 3, 2003. Future condominiums around the area will prohibit the construction of the storm sewer at the specified location.

e. Wagner Creek Dredging Project, Phase IV

Status: The City of Miami is awaiting approved permits from DERM, ACOE, and FDEP prior to starting construction.

Collection of samples for Landfill Characterization was completed in mid-September 2003. The final engineering report is anticipated to be submitted to the City of Miami and DERM by end of October 2003. The corrective action plan required by DERM for permit approval is pending. The design phase including permitting for this project is anticipated to be completed by February 2004. However, the project schedule is totally dependent on the approval of permits mentioned above and may be further delayed.

Estimated total project cost is \$ 1,812,000. The funding shortfall is known at this time.

The project limits are along Wagner Creek between 14th Avenue and N.W. 15th Street.

f. Wagner Creek Dredging Project, Phase V

Status: The City of Miami is awaiting approved permits from DERM, ACOE, and FDEP prior to starting construction.

Collection of samples for Landfill Characterization was completed in mid-September 2003. The final engineering report is anticipated to be submitted to the City of Miami and DERM by end of October 2003. The corrective action plan required by DERM for permit approval is pending. The design phase including permitting for this project is anticipated to be completed by February 2004. However, the project schedule is totally dependent on the approval of permits mentioned above and may be further delayed.

Estimated total project cost is \$ 2,530,215. The funding shortfall is known at this time.

The project limits are along Wagner Creek between 15th Street and N.W. 11th Street.

g. Wagner Creek Dredging Project, Phase III

Status: This project is currently under design by PHS Engineering Corp., the city consultants. Design and permitting is anticipated to be completed by July 2004. Estimated total project cost is \$ 1,230,000. There is an estimated funding shortfall of \$ 1,107,000.

The project limits are along Wagner Creek between 20th Street and N.W. 14th Avenue.

h. Install solid waste interceptors at all Miami River Outfalls

Status: All necessary retrofitting such as the installation of solid waste interceptors will occur as the City identifies projects with watersheds contributing to the Miami River as part of the NPDES requirements; for example, the Pinehurst Storm sewer Retrofitting Project and the Wagner Creek Dredging Projects.

i. Collect, compile, analyze and report of solid waste data from catch basins

Status: The City of Miami will Piggy-Back a contract amount of \$697,500 with Miami-Dade County on the existing Contract No. 629528 with Envirowaste Service Group, Inc., to clean up 20,000 inlets and 160,630 lineal feet of pipe of its storm drain system during the period 9/29/03 thru 6/9/04. The City has also secured the services of a consultant firm (Marlin Engineering, Inc.), to perform the required inspection and report services for a contract amount of \$198,900.

j. Report of on-site storm water treatment alternatives and BMP's

Status: It is the City's policy to use and encourages the use of BMP's in all proposed Engineering Design Plans, and the City of Miami Department of Public Works regulates the BMP's through its NPDES Program.

2. Wastewater

- a. Conduct “dye flood” study

Status: The City of Miami is actively disconnecting illegal connections between storm water and sanitary sewer systems as identified within city limits by MDWASD.

- 3. Enforcement, compliance and education

- c. Implement active inspection of sanitary sewer connections and storm water drainage during construction

Status: The City of Miami is regularly inspecting new construction of storm sewer and sanitary infrastructure as part of the on-going procedures of the permitting process. The City of Miami Building Department inspects the private side and Public Works Department line and grade inspector inspects the public side. The Miami-Dade DERM inspects storm sewer system hook-ups.

- g. Point Park Environmental Center

Status: The Resolution authorizing submission of Joint Grant Application with Miami-Dade County DERM for funding for the proposed work at Spring Garden Point Park was submitted and approval by City Commission on January 23, 2003. This month of September, 2003 FIND awarded the grant to Spring Garden Point Park in the amount of \$138,000.

A lease agreement is required between the State of Florida and City of Miami for use of the sovereign submerged land adjacent to the park. The lease is in the process of being drafted by the State for submittal to the City for review and approval.

- 4. Monitoring and Research

- b. Complete special studies required under NPDES

Status: The week of November 3rd, The City of Miami Public Works will have a class to train and certify selected city staff for storm water, erosion, and sedimentation control inspections as required by the NPDES permit. In addition, this department will require consulting engineering designers to implement the necessary BMP's (such as BMP notes and details) in the

construction drawings for public works projects and contractors to implement these BMP's during construction.

- c. Extend the storm water bacterial survey farther upstream

Status: Under research by the City of Miami Public Works Department NPDES Program.