



MIAMI RIVER BASIN WATER QUALITY IMPROVEMENT REPORT
5TH QUARTERLY REPORT
(APRIL 9, 2003 MRC MEETING)

Action Items

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

Status: The city consultant, PBS&J, submitted 100% conceptual design plans and design proposal for City's review.

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. This project has been advertised and the City will receive bid proposals on May 15, 2003.

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 Bayshore Drive). Phase I is complete. Phase II 90% revised design plans are being revised by Milian Swain and Associates for submittal to the City. The Capital Improvements Department is in the process of contacting the respective utility companies to arrange for adjustment and relocation of their utilities.

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.

Due to the finding of dioxin/furan contamination in Wagner Creek, additional water sampling, and vertical profiling characterization (sediment characterization at various soil depths) along this portion of Wagner Creek are currently required by DERM and underway. Results are anticipated to be received and submitted to DERM by end of May 2003. Based on these results, the city consultant will prepare and submit a corrective action plan to DERM to comply with their permit requirements.

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.

Due to finding of dioxin/furan contamination in Wagner Creek, additional water sampling, and vertical profiling characterization (sediment characterization at various soil depths) along this portion of Wagner Creek are currently required by DERM and underway. Results are anticipated to be received and submitted to DERM by end of May 2003. Based on these results, the city consultant will prepare and submit a corrective action plan to DERM to comply with their permit requirements.

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

- g. 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 Stormsewer Retrofitting Project and the Wagner Creek Dredging Projects.

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

Status: This task is a part of the NPDES permit requirements and handled by private contractors hired to clean city wide drainage inlets and pipes as funding sources are identified and become available.

- i. Report of on-site stormwater treatment alternatives and BMP's

Status: Under research by the City of Miami Public Works Department 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 stormwater 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 FDEP permit has been approved. The Resolution authorizing submission of Joint Grant Application with

Miami-Dade County DERM for funding for the proposed work at Spring Garden Park was submitted and approval by City Commission on January 23, 2003. Subsequent to the approval of the Resolution, Miami-Dade County DERM will submit the Joint Grant Application, on the City's behalf, to F.I.N.D. for their review.

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 City of Miami Public Works staff is in the planning stages of scheduling training and certifying selected city staff for stormwater, 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 stormwater bacterial survey farther upstream

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

Note: Wagner Creek Dredging Project, Phase III, should be added to this list. The limits of this project are from NW 20 Street to NW 14 Avenue. Notice to proceed for design services (including permitting) was submitted to the city consultant on April 30, 2003.