

Memorandum



Date: December 2, 2013

To: Honorable Xavier Suarez
Board of County Commissioners-District 7

From: Carlos A. Gimenez
Mayor 

Subject: Notice of Environmental Contamination in Commission District 7

On March 3, 2009, the Board of County Commissioners adopted Resolution No. R-227-09 requiring that when environmental contamination is identified by the Department of Regulatory and Economic Resources Division of Environmental Resources Management (RER-DERM) the Commissioner in whose District the environmental contamination is located shall be notified of such.

Pursuant to R-227-09, the owner/operator/responsible party must perform site rehabilitation action in order to bring the site into compliance with Chapter 24 of the Code of Miami-Dade County. The property is a City of Miami public park and guidance has been provided to the City on preventing direct exposure to contamination. Additionally, the site is on municipal water.

The summary of this case is noted below:

Subject	Environmental Contamination
Facility Name:	City of Miami – Douglas Road Park
DERM File #:	HWR-773
Facility Address:	2795 SW 37 Ave, City of Miami, Florida in Miami-Dade County
Folio Number:	01-4116-000-0220
Description/Nature of Violation:	Environmental contamination requiring site rehabilitation action pursuant to Division 3, Contaminated Site Cleanups, Chapter 24, Code of Miami-Dade County, Florida.

Should you have any questions or require additional information, please contact Mr. Lee Hefty, Assistant Director, RER-DERM at (305) 372-6754 or by email at hefty1@miamidade.gov.

Attachment: Site Rehabilitation Order for Environmental Contamination

c: Jack Osterholt, Deputy Mayor
Lee Hefty, Assistant Director, RER-DERM



Carlos A. Gimenez, Mayor

Department of Regulatory and Economic Resources

Environmental Resources Management

701 NW 1st Court, 4th Floor

Miami, Florida 33136-3912

T 305-372-6700 F 305-372-6982

miamidade.gov

November 21, 2013

CERTIFIED MAIL NO: 7011 0470 0002 4387 5335
RETURN RECEIPT REQUESTED

Alice Bravo, P.E.
Assistant City Manager - Chief of Infrastructure
City of Miami
444 SW 2nd Avenue
Miami, FL 33130

Re: City of Miami (the City), Douglas Park (HWR-773) located at, near or in the vicinity of 2795 SW 37 Ave, City of Miami, FL

Dear Ms. Bravo:

On October 23 and November 13, 2013, staff from the Department of Regulatory and Economic Resources - Division of Environmental Resources Management (DERM) inspected and sampled the referenced site as a part of the ongoing evaluation of the areas surrounding the former Coconut Grove incinerator. DERM's inspection revealed the presence of solid waste, the physical characteristics of which were similar to the material documented at Blanche Park located 3045 Shipping Ave and Merrie Christmas Park located in the vicinity of SW 42 Avenue and Barbarossa Avenue. Additionally, preliminary laboratory results (received on November 20, 2013) for soil samples obtained on November 13, 2013 indicates the presence of antimony, arsenic, barium, copper, iron, and lead above screening criteria.

Be advised that the above-mentioned soil concentrations constitute violations of the Miami-Dade County Code, specifically, Sections 24-44, 24-27, 24-28, and 24-29. Therefore, DERM requires the City to:

1. Immediately implement measures to eliminate contact with the solid waste and exposure to the contaminated soil.

To ensure no exposure to the documented solid waste DERM recommends that the park be closed until such time as the assessment required in Item #2 below is completed,

2. Within thirty (30) day of receipt of this correspondence; submit to the DERM for review and approval:
 - I. A solid waste delineation report. The report shall provide delineation (accomplished through trenching or the installation of soil borings) of the horizontal and vertical extent of the solid waste. At each trenching or soil boring location, the thickness of solid waste (including depth at which solid waste is first encountered and depth at which solid waste terminates), the

Delivering Excellence Every Day

Ms. Bravo
Re: City of Miami Douglas Park (HWR-773)
November 21, 2013
2 of 2

type(s) of solid waste encountered and the percentage of solid waste present shall be recorded and summarized in tabular format.

- II. Based on the solid waste delineation, submit a sampling plan that accomplishes delineation of the soil contamination (degree and extent). The plan shall be developed utilizing a random sampling grid pattern consisting of appropriately sized grids (e.g., 100 feet by 100 feet). The number of grids selected for sampling may be progressively minimized moving away from the footprint of the solid waste area(s). Within each selected sampling grid, a 12 point composite sample shall be collected from the 0-6" and 6"-24" intervals and the sample analyzed for As, Ba, Pb, Al, Cu, Sb and Fe. Based on the metal results, a plan for sampling and analyzing a subset of the grid locations for dioxins, PCBs, Hg, Cr, Cd, Ag and Se shall be submitted to DERM for review and approval. Additionally, a discrete soil boring shall be advanced in the center of each sampling grid and the 0-6", 6"-24" and 24"-48" intervals sampled and analyzed for the parameters listed above (including dioxins and PCBs as appropriate). Additional delineation, including vertical delineation below 48", may be required.

Depending on the thickness of solid waste encountered, the sampling plan shall include a representative number of monitoring wells to allow for groundwater assessment. At a minimum, any irrigation wells present at the site shall be sampled for the parameters listed above, including dioxins and PCBs.

The consultant collecting the samples shall perform field sampling work in accordance with the Standard Operating Procedures provided in Chapter 62-160, Florida Administrative Code (FAC). The laboratory analyzing the samples shall perform laboratory analyses pursuant to the National Environmental Laboratory Accreditation Program (NELAP) certification requirements.

DERM reserves the right to split samples with the consultant as deemed necessary; therefore, DERM shall be notified via email a minimum of three (3) working days prior to the implementation of any sampling or field activities. Email notifications shall be directed to bucknl@miamidade.gov as well as to DERMPCD@miamidade.gov. Please include the DERM file number on all correspondence.

If you have any questions concerning the above contact Lorna Bucknor (bucknl@miamidade.gov) or myself (mayorw@miamidade.gov) or via telephone at (305) 372-6700.

Sincerely,



Wilbur Mayorga, P.E. Chief
Environmental Monitoring and Restoration Division

ec: Jeovanny Rodriquez, City of Miami - jeovannyrodriguez@miamigov.com
Lee Hefty, Director, DERM