Memorandum

MIAMI-DADE COUNTY

Date: October 4, 2013

To: Honorable Xavier L. 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 (RER), 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; therefore, their drinking water is not at risk from the groundwater contamination.

The summary of this case is noted below:

Subject	Environmental Contamination
Facility Name:	City of Miami – Merrie Christmas Park
DERM File #:	HWR-770
Facility Address:	3840 SW 37 Ave, City of Miami, Florida in Miami-Dade County
Folio Number:	01-4129-000-0150
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 N. Hefty, Director of Environmental Resources Management, Department of Regulatory and Economic Resources at (305) 372-6754 or by email at heftyl@miamidade.gov.

Attachment: Site Rehabilitation Order for Environmental Contamination

c: Jack Osterholt, Deputy Mayor/Director – Department of Regulatory and Economic Resources
Lee N. Hefty, Director of Environmental Resources Management - RER

MIAMI-DADE COUNTY
Carlos A. Gimenez, Mayor

Department of Regulatory and Economic Resources
Environmental Resources Management
701 NW 1st Court, 4th Floor
Miami, Florida 33136-3912
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miamidade.gov

September 20, 2013

CERTIFIED MAIL NO. 7011 0470 0002 4386 4360
RETURN RECEIPT REQUESTED

Johnny Martinez, City Manager
City of Miami
444 SW 2nd Avenue
Miami, FL 33130

Re: City of Miami (the City), Merrie Christmas Park (HWR-770) located at, near or in the vicinity of 3840 SW 37 Ave, City of Miami, FL

Dear Mr. Martinez:

On September 18, 2013 staff from the Department of Regulatory and Economic Resources Division of Environmental Resources Management (DERM) reinspected 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 (molten glass, discolored soils, etc.) to the material documented at Blanche Park located at 3045 Shipping Ave.

Additionally, DERM obtained soil samples in areas where the above mentioned waste was observed. The preliminary sample results received on September 20, 2013, indicated concentrations of arsenic, barium, copper, iron and lead above screening criteria at the soil boring SB-1 location as described in Item #1 below. Additionally, the concentration of copper in the sample obtained from the 6-12 inch interval of SB-2 (Figure 1) also exceeded the screening criteria. Other results were below criteria and consistent with results obtained from a previous sampling event on August 29, 2013.

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

1. Immediately implement measures to eliminate public access to the area of the park with documented soil contamination; specifically, the area shadowed by the banyan trees along the western boundary, parallel to S. LeJeune Road (Figure 1). Additionally, to address the public safety issues associated with potential contact with and exposure to solid waste, implement measures to eliminate contact with the solid waste. The attached aerial photograph (Figure 2) indicates areas where DERM inspectors documented solid waste in the surficial soils.

   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) days of receipt of this letter, submit a sampling plan to DERM for review and approval. The plan shall provide for:

   a. Delineation of the horizontal and vertical extent of the solid waste. This shall be accomplished through trenching or the installation of soil borings. 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 type(s) of solid waste encountered and the percentage of solid waste present shall be recorded and summarized in tabular format.

b. Delineation of the degree and extent of the soil contamination. This shall be accomplished by establishing a sampling grid pattern of 100'x100' or an alternate grid pattern developed based on historical land use information or historical records (aerial photographs, government records, interviews, etc). Within each grid, a 12 point composite sample shall be collected from the 0-6" and 6"-24" intervals and the samples analyzed for the 8 RCRA Metals (As, Ba, Cd, Cr, Pb, Hg, Se, Ag), Al, Cu, Fe, and PCBs. Based on the results, an approvable subset of these grid locations shall be sampled and analyzed for dioxins. Additionally, a discrete soil boring shall be advanced in the center of each grid and samples collected from the 0-6", 6"-24" and 24"-48" intervals and analyzed for the parameters listed above. Additional delineation, including vertical delineation below 48" may be required and shall be based on the depth of solid waste documented and the results of the soil quality analyses from the intervals above.

   Depending on the thickness of solid waste encountered and soil quality results, groundwater assessment may be required.

c. Sampling and analysis of groundwater (for the parameters listed in Item #2) from irrigation well(s) present at the site (if applicable).

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 at bucknl@miamidade.gov or myself at mayorw@miamidade.gov or via telephone at (305) 372-6700.

Sincerely

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

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

Figure 1: Sampling locations 9-18-13

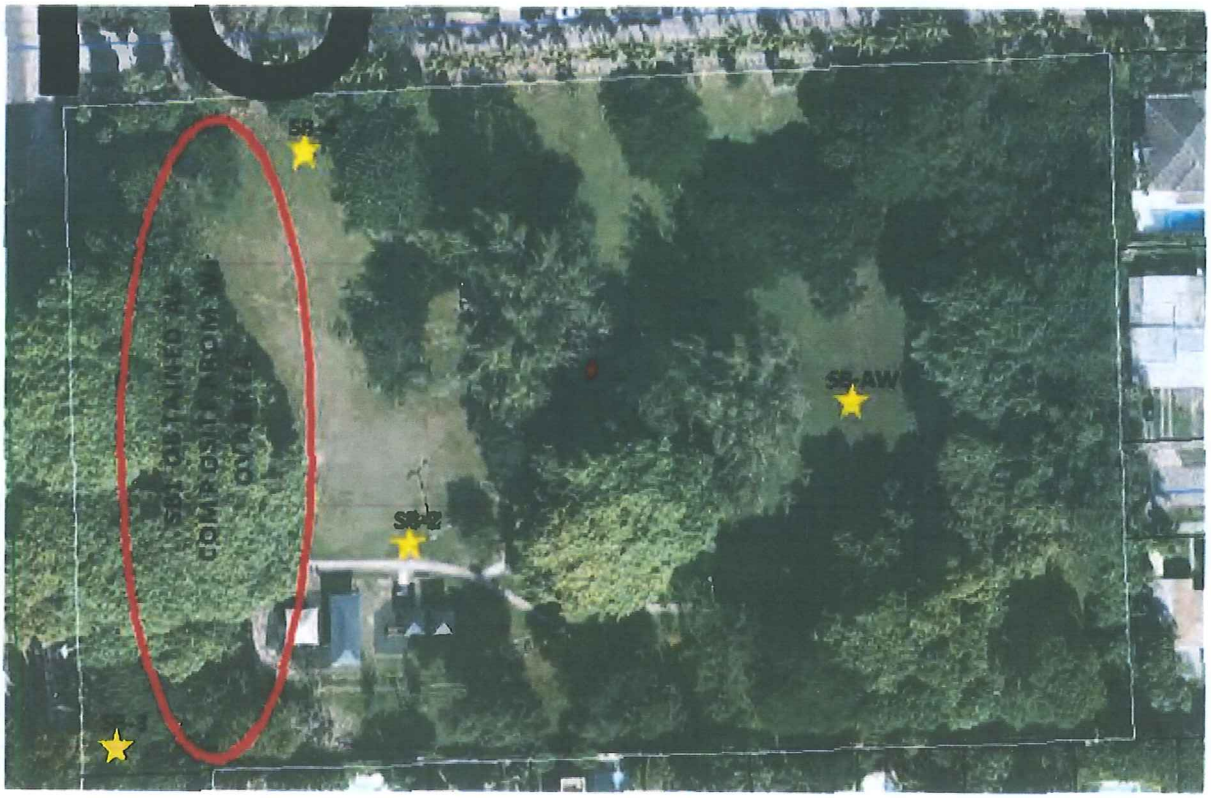

Figure 2: Approximate areas where melted glass was noted on 9-18-13 by RER Staff