

Memorandum



Date: March 11, 2014

To: Honorable Bruno A. Barreiro
Board of County Commissioners-District 5

From: Carlos A. Gimenez
Mayor 

Subject: Notice of Environmental Contamination in Commission District 5

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 (DERM), the Commissioner in whose District the environmental contamination is located shall be notified of such.

Pursuant to R-227-09, please be advised that the attached letter was sent to the party responsible for site rehabilitation on March 3, 2014 due to documented soil contamination. There is no evidence of a direct exposure risk to the contaminated soils since the site has been closed to the public. 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 summary of this case is noted below:

Subject	Environmental Contamination
Facility Name:	City of Miami Southside Park
DERM File #:	HWR-779
Facility Address:	100 SW 11 Street, Miami, Florida in Miami-Dade County
Folio Number:	01 0208 050 1010
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, Division 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 - Division of Environmental Resources Management - RER



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

March 3, 2014

CERTIFIED MAIL NO. 7011 0470 0002 4387 5199
RETURN RECEIPT REQUESTED

Alice Bravo, Assistant City Manager
City of Miami
444 Southwest 2nd Avenue
Miami, Florida 33130

Re: Site Assessment Report (SAR) dated January 30, 2014 and Sampling Plan dated February 18, 2014 and prepared by TY LIN International/HJ Ross for the City of Miami Southside Park (HWR-779) located at, near, or in the vicinity of 100 SW 11th Street, Miami, Miami-Dade County, Florida.

Dear Ms. Bravo:

The Department of Regulatory and Economic Resources-Division of Environmental Resources Management (DERM) has reviewed the above-referenced documents received February 4, 2014 and February 18, 2014, respectively, and offers the following comments:

1. Provide the location, boring logs, laboratory data, and chain of custody for the December 17, 2013 Southside (1)(0-0.5) and Southside (2)(0-0.5) soil borings listed on Table 1 Soil Analytical Summary.
2. Soil boring logs are not in the appropriate format. Provide soil boring lithology information on log sheets such in the attached sheet. In addition, further describe the material considered construction debris versus ash.
3. Soil analytical samples were composite samples of intervals of 4 feet and were also taken from depths 0-4 feet, 8-12 feet, or 12-16 feet. These intervals and depths are not representative of surface and subsurface conditions at the site. DERM concurs with the recommendation that additional soil characterization be performed at the site.
4. The full horizontal and vertical extent of both ash/solid waste impacts and contaminants above applicable cleanup target levels are required to define both on and off-site impacts.
5. Regarding the proposed Sampling Plan:
 - A sampling grid within the park boundary for areas impacted with ash/solid waste within the upper 2 feet is necessary. The plan shall be developed utilizing a sampling grid pattern consisting of appropriately sized grids (e.g., 50 feet by 50 feet). Please note that the next available soil boring with no material in the upper 2 feet or the park boundary shall be used as the defining point in any given direction. Within each selected sampling grid, a single discrete sample shall be collected from the intervals and parameters as proposed in the plan. However,

Bathing Excellent Every Day

include PAHs in the archived samples with PCBs and Dioxins. Furthermore, Selenium and Silver are not required. The play ground area shall also be included for discrete sampling.

- A sampling grid within the park boundary for areas impacted with ash/solid waste but not within the upper 2 feet shall also be conducted, including the area around the community center. The plan shall be developed utilizing a sampling grid pattern consisting of appropriately sized grids (e.g., 75 feet by 75 feet). Within each selected sampling grid, a 12 point composite sample shall be collected from the intervals and parameters as proposed in the plan (and as modified above).
- Existing soil boring data indicates that ash/solid waste material extends to the property boundary in all directions. Therefore, off-site delineation shall be conducted from all boundaries. The off-site borings proposed are not sufficient to address this matter. The consultant shall propose a plan for representative locations off-site along the boundary of the entire park property. The next accessible location shall be selected based on access issues (i.e. utilities, buildings, etc.). Furthermore, locations such as open ground areas and residences shall take priority in sample locations. Trenches or soil borings shall first be installed and visually screened for ash/solid waste material. At any location where material is identified, regardless of the depth, a soil sample shall be obtained from the 0-6" and 6"-2-foot intervals for the proposed parameters (as modified above and including the archiving the samples for the PCB, PAH, and Dioxin analysis). Immediate notification to DERM shall be provided for any off-site parameters that exceed applicable CTLs.
- The sampling plan shall include a representative number of monitoring wells to allow for groundwater assessment depending on the soil sampling results. Monitoring well placement may be adjusted depending on the proposed site closure. For conditional closure, wells may be limited to establishing boundary conditions. Any irrigation wells present at the site shall be sampled for the proposed parameters, including dioxins and PCBs (and as modified above).
- A proposal for methane assessment adjacent to structures and at the park boundary may be necessary depending on the type of solid waste documented.

Be advised that the levels of soil analytical results submitted in this report constitute violations of Chapter 24, Code of Miami-Dade County (the Code), specifically, Sections 24-44, 24-27, 24-28, and 24-29 of the Code.

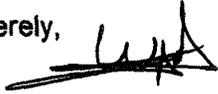
Based on the above, and pursuant to Sections 24-7(15), 24-7(26), and 24-44(2)(g) of the Code, you are hereby ordered to submit to this office for review a Site Assessment Report (SAR) prepared in accordance with Section 24-44(2)(j)(iv) of the Code. Specific guidance for the preparation of the SAR may be downloaded from DERM's web page at: www.miamidade.gov/environment/pollution-remediation.asp. However, an addendum to the Sampling Plan addressing the above comments shall be submitted within thirty (30) days upon receipt of this letter.

Ms Bravo
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Be advised that failure to comply with above orders may result in enforcement action.

If you have any questions concerning the above, please contact Thomas Kux, P.G., at (305) 372-6700.

Sincerely,



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

WM/tk

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

BORING LOG

Boring/Well Number:		Permit Number:		FDEP Facility Identification Number:							
Site Name:		Borehole Start Date:	Borehole Start Time:	<input type="checkbox"/> AM	<input type="checkbox"/> PM						
		End Date:	End Time:	<input type="checkbox"/> AM	<input type="checkbox"/> PM						
Environmental Contractor:		Geologist's Name:		Environmental Technician's Name:							
Drilling Company:		Pavement Thickness (inches):	Borehole Diameter (inches):	Borehole Depth (feet):							
Drilling Method(s):	Apparent Borehole DTW (in feet from soil moisture content):	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type):								
				<input type="checkbox"/> FID	<input type="checkbox"/> PID						
Disposition of Drill Cuttings [check method(s)]:											
<input type="checkbox"/> Drum <input type="checkbox"/> Spread <input type="checkbox"/> Backfill <input type="checkbox"/> Stockpile <input type="checkbox"/> Other											
<i>(describe if other or multiple items are checked):</i>											
Borehole Completion (check one):											
<input type="checkbox"/> Well <input type="checkbox"/> Grout <input type="checkbox"/> Bentonite <input type="checkbox"/> Backfill <input type="checkbox"/> Other (describe)											
Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
							1				
							2				
							3				
							4				
							5				
							6				
							7				
							8				
							9				
							10				
							11				
							12				

Sample Type Codes: PH = Post Hole; HA = Hand Auger; SS = Split Spoon; ST = Shelby Tube; DP = Direct Push; SC = Sonic Core; DC = Drill Cuttings
 Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated