

Memorandum



Date: January 27, 2015
To: Honorable Dennis C. Moss
County Commissioner - District 9

From: Carlos A. Gimenez
Mayor

Subject: Notice of Environmental Contamination in Commission District 9

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 whose District the environmental contamination is located, shall be notified.

Pursuant to R-227-09, on December 23, 2014, the attached memo was sent to the Miami-Dade County Department of Parks, Recreation and Open Spaces (PROS), the party responsible for site rehabilitation, due to documented soil impacts. This memo provides guidance to PROS on measures to be implemented to protect the public and prevent direct exposure to the contaminated soils and solid waste. Additionally, the Department of Regulatory and Economic Resources (RER) is working closely with PROS to implement said measures. Although the groundwater at the site has not been sampled, the site and the area are served by drinking water provided by public water supply and therefore the drinking water is safe.

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:	Larry and Penny Thompson Park
DERM File #:	File-7162/HWR#809
Facility Address:	12451 SW 184 Street, Miami, Florida in Miami-Dade County
Folio Number:	30-5936-000-0030
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 Lee Hefty, Assistant 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
Lourdes M. Gomez, Deputy Director, Regulatory Resources, RER
Lee N. Hefty, Assistant Director - Division of Environmental Resources Management (DERM)

Memorandum



Date: December 23, 2014

To: George Navarrete, Deputy Director
Miami-Dade County Department of Parks, Recreation and Open Spaces (PROS)

From: Wilbur Mayorga, P.E., Chief
Environmental Monitoring & Restoration Division
Miami-Dade County Department of Regulatory & Economic Resources 

Subject: Larry and Penny Thompson Park (HWR#809/File-7162) facility, located at, near or in the vicinity of 12451 SW 184 Street, Miami, Miami-Dade County, Florida (Folio #30-5936-000-0030).

The Department of Regulatory and Economic Resources—Division of Environmental Resources Management (DERM) conducted sampling inspections on March 7, 2014, July 2, 2014, July 11, 2014, July 14, 2014 and October 27, 2014 at Larry and Penny Thompson Park as part of DERM's efforts to screen all the accessible recreational parks owned and operated by PROS for potential environmental concerns. Initial composite soil samples collected on March 7, 2014 for Metals and PAH analysis from the open field picnic area in the southwest corner of the park indicated Copper as the only parameter with concentrations exceeding the park screening criteria. Additionally, surficial (along the bases of trees) and buried solid waste (e.g., melted glass, tile, metal fragments, etc.) was documented in said area.

Based on the aforementioned findings, DERM conducted discrete soil sampling for Metals and PAH analysis on July 2, 2014 and October 27, 2014 at the playground area (adjacent to the open field picnic area) in the southwest corner of the park. Surficial and buried solid waste (e.g., melted glass, metal fragments, etc.) was documented in said area (including at the base of two trees to the west of the playground area). The analytical results indicated that the only area with contaminant concentrations representing a direct exposure concern is the area of soil boring SB-30 where the concentration of Lead, Copper, Arsenic, Barium and Iron at the 0-6 inch interval exceeded screening criteria. Concentrations of Copper, Arsenic, Barium and Antimony exceeding the screening criteria were documented at the 6 to 24 inch interval of several other soil borings; however, this interval does not represent an immediate exposure threat to park patrons. The inspections reports, maps, analytical results tables, soil boring GPS coordinate information and the laboratory reports are herein attached.

Based on the above, DERM requires PROS to implement measures to eliminate exposure to the contaminated soil and the surficial solid waste and to conduct additional assessment to delineation the solid waste and determine the extent of soil contamination. Specifically:

1. The surficial contaminated soil (0 to 6 inch interval) in the SB-30 location (N25.60009 W080.40387) and the surficial solid waste noted at the base of the two trees (N25.60003 W080.40376 and N25.60014 W080.40359) located to the west of the playground area, shall be addresses. To assist PROS to expeditiously address the direct exposure and safety concerns in this area, DERM has assigned an environmental consultant to, within the next 30 days, conduct targeted source removal of the upper 12 inches of soil in the immediate vicinity of SB-30 and to remove the surficial solid waste around the base of the two aforementioned trees to 12 inches below land surface (bls). Subsequent to source removal, the area will be backfilled with clean fill and restored to current conditions. The consultant will coordinate with PROS on logistics, access and utility clearance, etc.

Subsequent to the source removal DERM will collect confirmation soil samples to verify the adequacy of the source removal effort. Be advised that in addition to the above, DERM conducted further soil assessment on December 18, 2014 to improve the soil sample distribution in said area of the park. Once the laboratory reports for said samples are received, DERM will forward said documentation to PROS under separate cover.

2. Notwithstanding that the contaminated subsurface soil (i.e., 6 to 24 inch interval) do not pose an immediate exposure threat to park patrons the soil concentrations constitute violations of the Miami-Dade County Code, specifically, Sections 24-44, 24-27, 24-28, and 24-29 and therefore, a Site Assessment Report prepared in accordance with Section 24-44(2)(u)(iv) of the Code and which shall provide vertical and horizontal delineation of the extent of the contaminated soils, is required. Groundwater assessment may be required based on the results of the soil assessment.
3. A solid waste delineation report which shall indicate the horizontal and vertical extent of the solid waste is also required.

The SAR and Solid Waste Delineation Report shall be submitted within 120 days of receipt of this correspondence. DERM will work with PROS, in selecting an environmental consultant for the task of conducting the SAR, the solid waste delineation and implementing a corrective action as appropriate for the Park. Therefore, please contact Julie Balogh or Karina Martinez of DERM's Airports & Contracts Section at 305-372-6700 to request the use of the DERM-01 contract.

Note that DERM shall be notified in writing a minimum of three (3) working days prior to the implementation of any sampling or field activities. Email notifications shall be directed to DERMPCD@miamidade.gov. Please include the DERM file number on all correspondence.

If you have any questions regarding this correspondence, please contact me via email at mayorw@miamidade.gov or via telephone 305-372-6700.

dc

cc: George Navarrete, Deputy Director, PROS, GLN@miamidade.gov
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