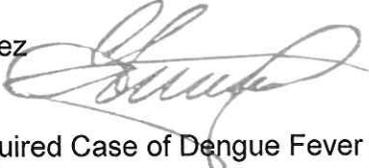


# Memorandum



Date: September 28, 2012

To: Honorable Chairman Joe A. Martinez and Members  
Board of County Commissioners

From: Carlos A. Gimenez  
Mayor 

Subject: First Locally Acquired Case of Dengue Fever in Miami-Dade County

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This memorandum provides information on the actions taken by the Public Works and Waste Management Department (PWWM) as it relates to the Miami-Dade County Health Department's (Health Department) findings on the first local case of dengue fever diagnosed in Miami-Dade County (see attached press release).

PWWM's Mosquito Control Division employs various methods to reduce the presence of mosquitoes within populated areas of the County. To date, five aerial sprayings and 230 truck sprayings of pesticide, and approximately 36,000 residential and commercial site inspections have been performed by PWWM's Mosquito Control Section throughout the County for the current fiscal year. Additionally, PWWM educates residents on mosquito control efforts which they can undertake at home, such as removing items that can contain stagnant water from their properties (e.g., old tires, empty containers).

In coordination with the Health Department, PWWM has performed the following measures within a two-mile radius surrounding the location of the case identified by the Health Department.

- One aerial spraying application
- Four truck spraying applications
- Over 400 residential site inspections

Moving forward, site inspections will continue and mosquito traps will be employed in order to obtain surveillance data for the area. This data will be used to determine if additional spraying is warranted.

Should you have any questions or need additional information regarding this matter, please do not hesitate to contact PWWM Director Kathleen Woods-Richardson at 305-375-2960.

## Attachment

c: Alina T. Hudak, County Manager / Deputy Mayor  
Kathleen Woods-Richardson, Director, Public Works and Waste Management Department



Miami-Dade County Health Department

**Contact:** Olga Connor  
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**PR 042**

## **MEDIA AVAILABILITY**

### **First Locally Acquired Case of Dengue Fever in Miami-Dade County**

**(Miami, FL – September 27, 2012)** – Miami-Dade County Health Department officials received confirmation of the first locally acquired case of Dengue Fever in Miami-Dade County.

The individual was diagnosed with Dengue Fever based on symptoms and confirmed by laboratory tests. The individual fully recovered from this illness.

Miami-Dade County Health Department will hold a media availability (information as follows).

**Who:** Alvaro Mejia-Echeverry, MD, MPH, ARNP  
Medical Epidemiologist  
Miami-Dade County Health Department

**Date:** Thursday, September 27, 2012

**Time:** 1:15 p.m.

**Location:** Miami-Dade County Health Department  
8323 NW 12<sup>th</sup> Street, Suite 212  
Miami, Florida 33126

**Operator Assisted Line:** You may call: 1-877-470-8799  
Conference Code ID: 182 335 36 #

Questions from those participating by operator-assisted line will be taken after questions from reporters on site conclude.

Dengue Fever is a viral disease transmitted by a type of mosquito common to the southeastern United States and the tropics. It is not spread from person to person. The symptoms of Dengue Fever include, fever (over 101 degrees Fahrenheit), severe headache, severe pain behind the eyes, muscle, joint and bone pain, rash, loss of appetite, nausea and vomiting. There is no specific medication or vaccine for Dengue Fever. If you are experiencing symptoms consistent with Dengue Fever, please call your healthcare provider to see if you need to be seen.

The Miami-Dade County Health Department encourages all residents and visitors to take appropriate measures to guard against these diseases.

These include:

**DRAIN** standing water:

- Drain water from garbage cans, buckets, pool covers, coolers, toys, flowerpots or any other containers where sprinkler or rainwater has collected.
- Discard old tires, drums, bottles, cans, pots and pans, broken appliances and other items that aren't being used.
- Empty and clean birdbaths and pets' water bowls at least once or twice a week.
- Protect boats and vehicles from rain with tarps that don't accumulate water.
- Maintain swimming pools in good condition and appropriately chlorinated. Empty plastic swimming pools when not in use.

**COVER** your skin with:

- **CLOTHING** - If you must be outside when mosquitoes are active, cover up. Wear shoes, socks, long pants and long sleeves.
- **REPELLENT** - Apply mosquito repellent to bare skin and clothing. Always use repellents according to the label. Repellents with 10-30% DEET, picaridin, oil of lemon eucalyptus, and IR3535 are effective.
- Use mosquito netting to protect children younger than 2 months old.

**COVER** doors and windows with screens:

- Keep mosquitoes out of your house. Repair broken screening on windows, doors, porches, and patios.

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