



February 11, 2019

Alfredo Quintero  
 Director of Public Works  
 Department of Public Works  
 10720 Caribbean Boulevard  
 Cutler Bay, FL 33189

**RE: Need to Adopt Stormwater Regulations**

Mr. Quintero:

As you know, based on the Town's last Community Rating System (CRS) Verification Visit, the town moved from a CRS Class 6 and a 20% reduction in the cost of flood insurance to a Class 5 and 25%. Additionally, the Town received enough credit points in the CRS to become a CRS Class 4 and a 30% reduction in the cost of flood insurance. However, the Town did not meet one of the prerequisites to become a Class 4: a watershed master plan and associated regulations.

Under CRS Activity 450 Stormwater Management there are minimum requirements to meet this requirement and the Class 4 prerequisite. Over the past year, Wood as a CRS consultant to the Town of Cutler Bay, developed a CRS compliant Watershed Master Plan and Stormwater Manual which indicates how to implement the Watershed Master Plan and incorporate low impact development (LID) techniques.

The Watershed Master Plan modelled 18 parcels of 1 acre or greater in size to determine how much stormwater should be held back to maintain pre-development conditions after those parcels are developed.

A second requirement under CRS Activity 450 Stormwater Management is to develop stormwater management regulations which must be adopted by the local governing body to be credited under the CRS program. These regulations need to include the following:

1. Size of development regulated (regulation 1 acre or greater parcel except single family residential lots)
2. Design storm used in regulations (10-year Miami-Dade design storm and 25-year design storm which is the minimum requirement for Class 4)
3. Low impact development (LID) techniques (LID techniques are required before a permanent BMP can be installed)
4. Public maintenance of stormwater facilities (after approval of this ordinance, the developer or HOA must provide an annual certificate of inspection to the Department of Public Works for BMP's which are developed on one of the 18 parcels or any parcel that is redeveloped).

These regulations which have been reviewed by the CRS program Technical Reviewer and has approved the language for credit. I recommend that these stormwater regulations be adopted so the Town of Cutler Bay can receive a CRS Class 4 and a 30% reduction on the cost of flood insurance premiums.

David Stroud

Emergency and Hazard Mitigation Lead

Wood Environment and Infrastructure Solutions, Inc.

