

MIAMIBEACH

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NO. LTC # **182-2016**

LETTER TO COMMISSION

TO: Mayor Philip Levine and Members of the City Commission

FROM: Jimmy L. Morales, City Manager

DATE: April 27, 2016

SUBJECT: Waterway Cleanliness Program Update



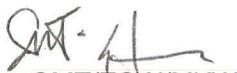
The purpose of this Letter to Commission (LTC) is to provide an update on the City's waterway cleanliness contract.

In 2012, the City retained Adventure Environmental Inc. (AEI) through the Invitation to Bid process to remove floating and submerged debris from our waterways twice a week. As part of this contract, AEI uses a barge to manually clean the approximately 63 miles of waterways Citywide at least once per week, covering the southern half of the city one day and the northern half on the next day of service. Their regular operations also include responding to resident complaints and prioritizing cleaning of hot spot areas such as Lake Pancoast and the 77th Street Bridge that due to their hydrology are known to accumulate higher than average quantities of debris.

The Environment and Sustainability Department manages the waterway contract and tracks AEI's GPS locations in real time, as well as the dates of service, the areas cleaned, the large items removed, total weight of litter collected each month. In November 2014, the City increased the contract's frequency of service to three times per week, allowing AEI to clean each area more regularly and thereby improving the cleanliness of our waterways. The additional day increased the average monthly weight of garbage collected from 210 pounds to 340 pounds. This month, on Earth Day, AEI inaugurated a new flat deck barge that skims and collects floating debris as the operator drives through our waterways manually removing submerged debris. The barge, which was custom-built by AEI for our contract at no additional cost to the City, is anticipated to improve the effectiveness of their waterway cleanliness operations.

If you have any questions or need additional information, please feel free to call me.

Attachments: A – Photos of New AEI Barge



SMT/ESW/MKW

Exhibit A - Photos of New Adventure Environmental, Inc. Barge

