

Monroe County Hurricane Irma Debris Removal Updates FKNMS WQPP Steering Committee Meeting December 6, 2017



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Presentation Subjects

1. **Marine and Vessel Debris Removal MOU with FDEP, FWC, and unincorporated Monroe County**
2. **Marine and Vessel Debris Removal Sites**
3. **DRC - State's Vendor, Operational Plan**
4. **Prioritization of waterways within unincorporated Monroe County**
5. **EPA Emergency Funding Request for marine and vessel removal within Florida Keys**

MARINE DEBRIS REMOVAL

1. Mutual Aid Agreement (MOU) with DEP and FWC on Marine Debris Removal

- Covers unincorporated Monroe- canal waters
- Cities to do a separate MOU
- State leads the effort, coordination with County
- State PAYS the costs - potential reimbursement from FEMA
- County provides prioritization list
- FEMA only reimburse for removal / disposal of debris for navigation
- 2 feet below the low-tide draft of largest vessel
- FEMA agreed to accept the average of the 5 deepest draft vessels in County

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2. MARINE AND VESSEL DEBRIS REMOVAL SITES

Unincorporated Monroe County Cont.

- ▶ **EPA (canals) and USCG (nearshore waters) working together to remove vessels within canals and nearshore waters:**
 - ▶ FWC and EPA worked together to complete a survey of vessels prior to starting the mission
 - ▶ EPA plans to be completed with all vessel removal in canals by December 15, 2017. This removal includes leaking hazardous waste along with vessels impeding navigation.
 - ▶ EPA has been removing the vessels from the canals and placing them on barges and then bringing them to either Stock Island or 15th Street Marina in Marathon for staging at the Marathon golf course.
 - ▶ These numbers are based on identified vessels based on aerial inspection and therefore the total # of vessels removed / remaining could be less if upon visual inspection it was not part of the mission.

Agency	Vessel Removed	Vessel Remaining
USCG	1549	249
EPA	509	17

3. DRC OPERATIONAL PLAN UPDATE

Unincorporated Monroe County

- ▶ DRC working with FDEP, FWC, and Monroe County to finalize debris removal plan to include:
 - ▶ Response Time
 - ▶ Project Mobilization Team
 - ▶ Operations Manager
 - ▶ Measurement
 - ▶ Compliance Measures
 - ▶ QA / Monitoring
 - ▶ Assessment / Mapping Locations of Debris

4. PRIORITIZATION OF WATERWAYS

Unincorporated Monroe County

- ▶ Monroe County working on priority list of waterways using the following data:
 - ▶ NOAA ERMA
 - ▶ Site inspections
 - ▶ CMMP database
 - ▶ Homeowner outreach

5. EPA EMERGENCY FUNDING

Unincorporated Monroe County

- ▶ EPA requested \$5 Million to support recovery related activities such as marine debris removal in the Florida Keys
- ▶ Status of funding request?

Canal Restoration Projects

Post Hurricane Irma Update



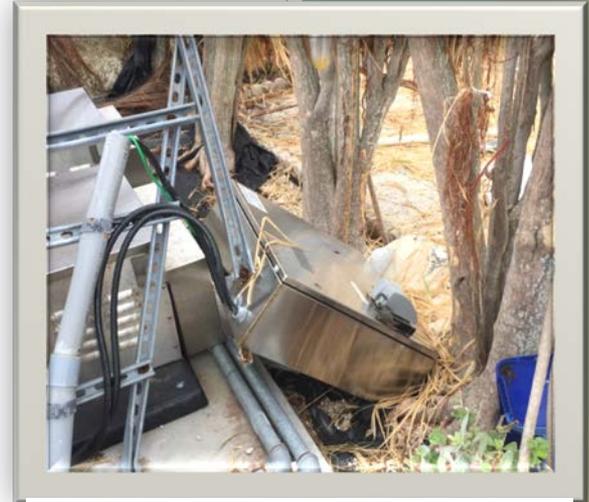
Canal 266 – Air Curtain

\$104,000 damage replacement assessment



Canal 290 – Air Curtain

\$100,000 damage replacement assessment



Canal 287 – Air Curtain

\$112,000 damage replacement assessment



**Canal 75 –Backfilling to begin soon.
Vendor Adventure Environmental removing storm debris at no charge.**



Canal 83 –Backfilling completed in July. Some storm debris.

The End