

Islamorada Canal Restoration Project Updates

WQPP Canal Restoration Advisory Subcommittee Meeting

October 28, 2016



Islamorada Village of Islands Top 10 Canals and Approved Canals for Demonstration Funding

Air Curtain	Organic Removal	Culvert Installation	Pumping	Backfilling
#137 Plantation Key Treasure Harbor	#148 Lower Matecumbe Key Mate - Lido Beach	#157 Lower Matecumbe Beach	#120 Plantation Key Indian Key Waterways	#116 Plantation Key Tropical Atlantic Shores
#148 Lower Matecumbe Key	#147 Lower Matecumbe Key – Mar Celeste Am.	#120 Plantation Key Indian Waterways		#137 Plantation Key Treasure Harbor
#116 Plantation Key Tropical Atlantic Shores	#145 Lower Matecumbe Matecumbe Ocean View			#143 Upper Matecumbe Key Palm Harbor
#132 Plantation Key Plantation Lake Estates	#157 Lower Matecumbe Beach			#145 Lower Mat Matecumbe Ocean View
#145 Lower Matecumbe Key				#120 Plantation Key Indian Waterways
#147 Lower Matecumbe Key Mar Celeste				#110 Plantation Key Plantation Tropical Key

Air Curtain Installation – Islamorada Canal #137 Treasure Harbor, Plantation Key

- A. Project completed in November 2014 with design, permitting & construction costs \$64,000
- B. Islamorada funding the O&M with annual cost \$3,500
- C. HOA residents paying electric approximately \$300 monthly
 - 1. Operation of 3 compressors
- D. Lessons learned
 - 1. Additional air needed at canal entrance due to long distance from compressors



Air Curtain Installation – Islamorada Canal #145 Lower Matecumbe Key

- A. Public – Private partnership
 - 1. Local property owner
- B. Islamorada approved \$47,000 June 2016 for design and permitting - private homeowner to provide funding for construction and installation
- C. Permit applications submitted to federal, state, and local agencies



Air Curtain Installation – Islamorada Canal #148 Lower Matecumbe Key

- A. Canal included in initial 2013 EPA monitoring grant for restoration projects
 - 1. Have base line data for the site
- B. **DEP to provide \$50,000 for construction costs approved 2016**
- C. Islamorada will provide matching funds for design and permitting
- D. Permit applications submitted to federal, state, and local agencies
- E. Project to be completed June 2017

