Canal Restoration in Monroe County Benthic Monitoring Report



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Made possible by





Townships Homeowner Organizations Individuals



Seagrass Ecosystems Research Lab Florida International University



Made possible by



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About Us



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Canal Sampling

Nine experimental Pairs, Five Technologies Sampled 3 times/year



Quantifying species of seagrass, algae, sponges, corals

Animal surveys

Sea wall

Sediment Characteristics







2015/11/21











2016/02/01







The Reality of the Canals



50 meters outside canal

25 meters inside canal

Sediment Organic Carbon



Sediment Density



Florida Bay Seagrass Sediment



Global Seagrass Sediment



Sediment Phosphorus



Islamorada Canals



Islamorada Canals







Islamorada Canals





Islamorada Canals





Islamorada Canals





Islamorada Canals





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Muck Depth



Canal





Warmer water With high oxygen

Cooler water With low oxygen











outside canal

In canal sediment





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