



FL DEP Coral Reef Protection Grant / Water Quality Improvement Grant

Phase 1: FY 2021 -2023 - \$10M + \$10 MDC match*

Phase 2: FY 2022- 2024 - \$12.9M + MDC match*



Project Name	Project Goals	Department Lead	Funding Allocation: Phase 1 (\$10M)	Estimated Start Date	DEP Amendment to Grant Agreement C2001	Location / Number (NOTE: MDC Resilience and DERM are Creating an Interactive Map)	Proposed Funding Allocation: Phase 2 (\$12.9M)	Type of Project Related to Nutrient Loads**
Water Quality Characterization	Identify, reduce or eliminate sources of water quality pollution in north Biscayne Bay watersheds - Miami River (C-6) - Little River (C-7) a - Biscayne Canal (C-8)	MDC RER-DERM Partners: City of Miami	\$2,150,000	Upon execution of Amendment 2, 30 – 45 days to begin site selection and logistics 90-120 days for analysis, modeling	Task 3 – Amendment 2	Minimum 30 sites in C-6 Minimum 15 sites in C-7 Minimum 5 sites in C-8	\$2,250,000	Investigative
Septic to Sewer Conversion	Prioritize conversion of parcels most vulnerable to failure	MDC WASD	\$4,400,000	Sewer lateral installations in progress. Upon execution of Amendment 2, Notice to Proceed for private connections of ~ 40 homes will be issued.	Task 6 – Amendment 2	Largely within Little River Adaptation Action Area	\$6,690,463	Restorative
Innovative Technology	Install Smart Covers and Smart Rain Gauges to analyze, predict, and prevent Sanitary Sewer Overflows (SSOs)	MDC RER-DERM	\$1,150,000	192 SMART covers ordered, 96 rec'd to date; 1 pilot unit has proven successful	Task 4 – Amendment 3	192 smart covers across priority basins in coastal areas	\$2,000,000	Preventative
Stormwater Treatment	Design and implement engineering strategies including innovative Green Infrastructure and Low Impact Development	MDC RER-DERM & DTPW	“\$1,300,000	Upon execution of Amendment 2, Notice to Proceed can be issued within 45-60 days	Task 7 – Amendment 2	#1: NW 111 St - NW 107 St and NW 21 Ct & NW 17 Av (Technology: StormBasin Filter & EcoVault Unit) #2: NW 96 St - NW 93 Ter and NW 17 Av – NW 14 Av (Technology: Hydro DryScreen, AbTech Ultra Urban Filter, SOP Stormwater Filter w/ QR Codes) #3: NW 85 St – NW 82 St and NW 5 Av – N. Miami Av (Technology: Contech JellyFish, SOP Stormwater Filter Basket, AbTech Filter Cage and Line Skimmer)	\$2,000,000	Restorative
Biological Restoration to Enhance Water Quality	- #1: Develop a Living Shoreline guidance document - #2: Create a sponge nurseries that lead to increased filtration of Bay waters and reduction of nutrients and bacteria	MDC RER-DERM Partners: -FL Sea Grant -DEP BBAP -Nature Conservancy	\$500,000	Scope of work in draft for bid process to commence. Upon execution of Amendment 4, Notice to Proceed could be issued	Task 8 – Amendment 4	#1: N/A #2: Venetian Basin, within pilings just south of Julia Tuttle Causeway	\$0	Restorative
Education & Outreach Connect2Protect	Education efforts in Little River Adaptation Action Area for Connect2Protect – septic to sewer conversions	MDC WASD	\$500,000	60 – 90 days, pending contract negotiation	Task 5 – Amendment 2	Largely within Little River Adaptation Action Area	TBD	Preventative

*MDC match for both phases is comprised mostly of wastewater and stormwater projects; **Nutrient load reductions for each project / project type to be determined, in concert w/ DEP.