

# Attachment A - Project Tracker

July 2022 Biscayne Bay Commission Semi-Annual Report

Lead Entity	Partners	Unique Project ID	Project Name	Project Description	July 2022 Semi-Annual Update	Project Type	Project Status	Estimated Start Date	Estimated Completion Date
Coral Gables, City of		BB038	Sustainability and Climate Resiliency Goals	Identified sustainability and climate resiliency as a top priority in 2021. Allocated more than \$6 million to a sea-level rise mitigation fund and expects to set aside \$100 million by 2040.		Governance	Completed		
Coral Gables, City of		BB037	Fertilizer Ordinance	Adopted the Florida Friendly Fertilizer Ordinance		Ordinance	Ongoing		
Coral Gables, City of	Florida Department of Environmental Protection (DEP)	BB012	Coral Gables Waterway / Biscayne Bay Water Quality Improvements - Construction	Project will construct baffles and replace existing solid pipes with exfiltration trenches to treat and redirect stormwater runoff into an underground porous limestone layer.		Stormwater	Planned		
Coral Gables, City of	DEP	BB013	King's Bay Septic-to-Sewer Conversion	Project proposes removal of approximately 150 septic tanks that currently receive sewer flows from the King's Bay community.		Septic-to-Sewer	Planned		
Cutler Bay, City of		BB030	Land Acquisition	Purchased 8.45 acres of buffer land for conservation purposes adjacent to Biscayne Bay restoration projects		Land Acquisition	Completed		
Cutler Bay, City of	South Florida Water Management District (SFWMD)	BB031	Wetland Restoration Adjacent to BBCW	Working to restore a 53-acre wetland adjacent to Biscayne Bay Coastal Wetlands in partnership with SFWMD		Hydrologic Restoration	Ongoing		
Cutler Bay, City of		BB126	Stormwater Management	Rated FEMA CRS Class 4 for improving town's ability to mitigate potential flooding. \$4 million set aside for stormwater management.	Rated FEMA CRS Class 4 for improving town's ability to mitigate potential flooding. \$4 million set aside for stormwater management.	Stormwater	Updated		
Cutler Bay, City of		BB127	Biscayne Bay Southern Everglades Ecosystem Restoration Footprints	Taken an active role in preventing incompatible development that would conflict with restoration plans, including purchasing land and passing resolutions to protect the Biscayne Bay Coastal Wetlands Project and Biscayne Bay Southern Everglades Ecosystem Restoration footprints.	Taken an active role in preventing incompatible development that would conflict with restoration plans, including purchasing land and passing resolutions to protect the Biscayne Bay Coastal Wetlands Project and Biscayne Bay Southern Everglades Ecosystem Restoration footprints.	Natural System Restoration	Updated		
Cutler Bay, City of		BB128	Environmentally Endangered Lands Program	Replenishing funding for the Environmentally Endangered Lands Program	Replenishing funding for the Environmentally Endangered Lands Program	Funding	Updated		
Florida Department of Environmental Protection (DEP)		BB043	Oleta River State Park Seagrass Restoration	Oleta River State Park has performed 2.3 acres of seagrass restoration. A time zero benthic survey report is on file including the collected data in tabular format and a GIS map for visual representation of the existing seagrass resources within the project area.		Natural System Restoration	Completed		
Florida Department of Environmental Protection (DEP)		BB044	Oleta River State Park Septic Abatement	Three park facilities have been taken off septic and connected to sewer.		Septic-to-Sewer	Completed		
Florida Department of Environmental Protection (DEP)		BB041	Turbidity Criterion	The Water Quality Standards Section has proposed revised turbidity criterion language as part of the department's triennial review of the water quality standards. The proposed revised turbidity criterion would provide additional protections for corals and coral habitats.		Data Collection and Evaluation	Ongoing		
Florida Department of Environmental Protection (DEP)		BB042	Water Quality Analysis	The Department, through the Biscayne Bay Aquatic Preserve (BBAP) and the Division of Environmental Assessment and Restoration (DEAR) provide technical and analytical support in response to significant Biscayne Bay seagrass losses. DEAR staff also participate in Biscayne Bay fish kill and algal bloom response coordination calls. BBAP expanded its datasonde network into the Miami River, establishing two more sites along with the three existing datasonde sites in the Little River watershed. With the current datasonde network, BBAP has attained the largest continuously monitoring network by an aquatic preserve in the state. BBAP additionally has monthly water quality bottle grab sampling of 24 sites for tracking of 39 nutrients, septic tracers, pharmaceuticals, herbicides, insecticides and fungicides.		Data Collection and Evaluation	Ongoing		
Florida Department of Environmental Protection (DEP)	FWCC	BB045	Oleta River State Park Mangrove Restoration	Restore two remnant mangrove systems in the park. These wetlands were impounded within the landscape during large-scale dredging and filling associated with coastal development in the 1950s and have been stressed due to failure of hydrologic connections to tidal flow. This project proposes to improve the function of the two die-off areas, totaling 26.7 acres of mangrove habitat, by reestablishing tidal flow through the maintenance or replacement of culverts.		Hydrologic Restoration	Ongoing		
Florida Department of Environmental Protection (DEP)		BB046	Bill Baggs Cape Florida State Park Beach Cleanup	Over 4,000 volunteers have participated in coastal cleanups in 2021, removing tons of marine debris from the shorelines.		Marine Debris	Ongoing		
Florida Department of Environmental Protection (DEP)		BB047	Barnacle Historic State Park Stormwater Runoff and Erosion Plan	The park's citizen support organization (CSO) hired a landscape architect to create a stormwater runoff and erosion plan. The Barnacle is now working with the Florida Park Service Bureau of Design and Construction and the city of Miami on permitting		Stormwater	Ongoing		
Florida Department of Environmental Protection (DEP)		BB048	State Park Education	Florida's state parks, including Oleta River, Bill Baggs Cape Florida, and Barnacle Historic State Parks maintain stewardship of the state park lands, which includes public education		Education	Ongoing		
Florida Department of Environmental Protection (DEP)		BB049	State Park Litter and Marine Debris Removal	Florida's state parks, including Oleta River, Bill Baggs Cape Florida, and Barnacle Historic State Parks maintain stewardship of the state park lands, which includes litter and marine debris removal		Marine Debris	Ongoing		
Florida Department of Environmental Protection (DEP)		BB050	State Park Invasive Plant Management	Florida's state parks, including Oleta River, Bill Baggs Cape Florida, and Barnacle Historic State Parks maintain stewardship of the state park lands, which includes invasive removal		Natural System Restoration	Ongoing		
Florida Department of Environmental Protection (DEP)		BB051	Biscayne Bay Aquatic Preserve Litter and Marine Debris Removal	Assistance in derelict vessel reporting and illegal crab pot removals during the FWC 2021 crab pot closure assisted the restoration of submerged lands, while the bay's islands were targeted through three major efforts. BBAP continued its decades-long history of hosting an International Coastal Cleanup site, which has removed 1,000 pounds of marine debris. Secondly, BBAP's Adopt-an-Island Program saw 16 cleanups from its adopters, who removed almost 2,000 pounds of debris from the bay's islands. This past fall, BBAP initiated a National Oceanic and Atmospheric Administration (NOAA) Marine Debris grant funded contract to remove Hurricane Irma debris from 13 of BBAP's islands. Six islands have been cleaned with the removal of almost 10 tons of debris with the remaining seven to be completed in early 2022.		Marine Debris	Ongoing		
Florida Department of Environmental Protection (DEP)		BB052	Biscayne Bay Aquatic Preserve's Rookery Island Bird Monitoring Program	BBAP established the only island-based bird count. BBAP's Rookery Island Bird Monitoring Program		Data Collection and Evaluation	Ongoing		
Florida Department of Environmental Protection (DEP)	FWCC	BB054	Stony Coral Tissue Loss Disease Response	Efforts include coral rescue, intervention experiments, coral restoration trials, coral disease monitoring, strategic sampling and laboratory analyses, and data management.		Data Collection and Evaluation	Ongoing		

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Florida Department of Environmental Protection (DEP)		BB053	Biscayne Bay Aquatic Preserve Sponge Propagation Project	A water quality restoration project achieved via sponge propagation will provide examples of water quality benefits from expanding the ecosystem services of a group of species that currently exist in the bay and provide benefits to other protected species, such as seagrasses and corals. This project, the first of its kind in Biscayne Bay, will be executed without disturbing seagrass habitat by utilizing existing bay resources and salvaging sponges removed during construction projects.		Natural System Restoration	Planned		
Florida Department of Environmental Protection (DEP)		BB133	Coral Protection and Restoration (CPR) Program	CPR within DEP's office of Resilience and Coastal Protection administers state funds appropriated for the protection and restoration of Florida's Coral Reef, including the reduction of local stressors like land-based sources of pollution. In FY 2020-21, \$10 million in grant funding was awarded to Miami-Dade County to support identification of pollution hotspots; construction solutions leading to reduced stormwater and wastewater related nutrient inputs to surface waters of the Biscayne Bay Aquatic Preserves, and biological restoration in support of protecting Florida's Coral Reef.	CPR within DEP's office of Resilience and Coastal Protection administers state funds appropriated for the protection and restoration of Florida's Coral Reef, including the reduction of local stressors like land-based sources of pollution. In FY 2020-21, \$10 million in grant funding was awarded to Miami-Dade County to support identification of pollution hotspots; construction solutions leading to reduced stormwater and wastewater related nutrient inputs to surface waters of the Biscayne Bay Aquatic Preserves, and biological restoration in support of protecting Florida's Coral Reef.	Funding	Updated		
Florida Department of Environmental Protection (DEP)		BB134	Oleta River State Park Exotic Plant Removal and Intracoastal Cleanup	The park's citizen support organization (CSO) facilitates native plantings and provides educational programs and events together with park staff and partners.	The park's citizen support organization (CSO) facilitates native plantings and provides educational programs and events together with park staff and partners.	Education	Updated		
Florida Department of Environmental Protection (DEP)	FWC	BB135	Oleta River State Park Resource Management Project	Oleta River State Park has started a resource management project on one of the main bike trails removing approximately 28.5 acres of invasive Australian pines and other invasive exotic plant species. The area will be mulched and replanted with native species to provide a diversity of plant life, and an increased abundance of food resources that will increase native wildlife utilization of the park.	Oleta River State Park has started a resource management project on one of the main bike trails removing approximately 28.5 acres of invasive Australian pines and other invasive exotic plant species. The area will be mulched and replanted with native species to provide a diversity of plant life, and an increased abundance of food resources that will increase native wildlife utilization of the park.	Natural System Restoration	Updated		
Florida Department of Environmental Protection (DEP)		BB136	Barnacle Historic State Park Annual Discussion	Annual discussion with district biologists to identify the park's natural and cultural resource needs and goals.	Annual discussion with district biologists to identify the park's natural and cultural resource needs and goals.	Natural System Restoration	Updated		
Florida Department of Environmental Protection (DEP)		BB137	Barnacle State Park Volunteer Workdays	Hosted several volunteer workdays	Hosted several volunteer workdays	Education	Updated		
Florida Department of Environmental Protection (DEP)		BB138	Barnacle State Park Mangrove Maintenance Trimming Needs	Worked with DEP and the Department of Regulatory and Economic Resources Division of Environmental Management on mangrove maintenance trimming needs	Worked with DEP and the Department of Regulatory and Economic Resources Division of Environmental Management on mangrove maintenance trimming needs	Natural System Restoration	Updated		
Florida Department of Environmental Protection (DEP)		BB139	Barnacle State Park Exotics Removal	Continued work on exotics removal by Rangers	Continued work on exotics removal by Rangers	Natural System Restoration	Updated		
Florida Department of Environmental Protection (DEP)		BB140	Barnacle State Park Litter Removal	Park staff routinely remove litter that floats on the tide, disposing to landfills.	Park staff routinely remove litter that floats on the tide, disposing to landfills.	Natural System Restoration	Updated		
Florida Department of Environmental Protection (DEP)		BB141	Barnacle State Park Iguana Removal	Friends organization assisted with iguana removal efforts.	Friends organization assisted with iguana removal efforts.	Natural System Restoration	Updated		
Florida Fish and Wildlife Conservation Commission (FWC)	Biscayne National Park (BNP)	BB154	Everglades Ecosystem Restoration	Biscayne Bay and Southeastern Everglades Ecosystem Restoration	Biscayne Bay and Southeastern Everglades Ecosystem Restoration	Programmatic	Updated		
Florida Fish and Wildlife Conservation Commission (FWC)	Miami-Dade Back Bay Coastal Storm Risk Management Feasibility Study	BB155		Teamed with Miami-Dade Back Bay Coastal Storm Risk Management Feasibility Study promoting the use of nature-based features (e.g., mangrove restoration and living shorelines).	Teamed with Miami-Dade Back Bay Coastal Storm Risk Management Feasibility Study promoting the use of nature-based features (e.g., mangrove restoration and living shorelines).	Programmatic	Updated		
Florida Fish and Wildlife Conservation Commission (FWC)	U.S. Army Corps of Engineers	BB156	South Atlantic Coastal Study	Teamed with U.S. Army Corps of Engineers for the South Atlantic Coastal Study.	Teamed with U.S. Army Corps of Engineers for the South Atlantic Coastal Study.	Programmatic	Updated		
Florida Fish and Wildlife Conservation Commission (FWC)	Miami Waterkeeper	BB157	Biscayne Bay Science Coordination	Responded to 2019 fish kills in the northern bay	Responded to 2019 fish kills in the northern bay	Programmatic	Updated		
Florida Fish and Wildlife Conservation Commission (FWC)		BB158	Bill Sadowski Virginia Key Critical Wildlife Area	FWC staff monitor and maintain the Bill Sadowski Virginia Key Critical Wildlife Area, which protects approximately 700 acres of foraging habitat for shorebirds, wading birds, manatees and other marine life. It includes a no entry zone to ensure manatee and seagrass protection.	FWC staff monitor and maintain the Bill Sadowski Virginia Key Critical Wildlife Area, which protects approximately 700 acres of foraging habitat for shorebirds, wading birds, manatees and other marine life. It includes a no entry zone to ensure manatee and seagrass protection.	Programmatic	Updated		
Florida Fish and Wildlife Conservation Commission (FWC)		BB159	Manatee rescue and carcass salvage	FWC has multiple statewide or regional programs that intersect with Biscayne Bay including the manatee rescue and carcass salvage program.	FWC has multiple statewide or regional programs that intersect with Biscayne Bay including the manatee rescue and carcass salvage program.	Programmatic	Updated		
Florida Fish and Wildlife Conservation Commission (FWC)		BB160	Sea Turtle Stranding and Salvage Network	FWC has multiple statewide or regional programs that intersect with Biscayne Bay including the sea turtle stranding and salvage network program.	FWC has multiple statewide or regional programs that intersect with Biscayne Bay including the sea turtle stranding and salvage network program.	Programmatic	Updated		
Florida Fish and Wildlife Conservation Commission (FWC)		BB161	National Fish and Wildlife Program	Early detection rapid response efforts and lionfish removal programs.	Early detection rapid response efforts and lionfish removal programs.	Programmatic	Updated		
Florida Fish and Wildlife Conservation Commission (FWC)		BB162	Artificial Reef Program	Providing annual financial grants to local governments and others for new reef construction and monitoring.	Providing annual financial grants to local governments and others for new reef construction and monitoring.	Programmatic	Updated		

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Florida Fish and Wildlife Conservation Commission (FWC)		BB163	Office of Boating and Waterways Waterway Markers	Oversees and coordinates statewide regulatory waterway markers. Waterway markers are routinely surveyed for accuracy and damage. Missing, damaged or incorrect signage is reported to the FWC toll free number or website.	Oversees and coordinates statewide regulatory waterway markers. Waterway markers are routinely surveyed for accuracy and damage. Missing, damaged or incorrect signage is reported to the FWC toll free number or website.	Programmatic	Updated		
Florida Fish and Wildlife Conservation Commission (FWC)		BB164	Office of Boating and Waterways Derelict Vessel Removal Program	The Derelict Vessel (DV) Removal Program provides a means for counties and municipalities to apply for grant funds to remove vessels from their communities' waters. More information on the grants can be found at the FWD Derelict Vessel Removal Grant Program. FWC grant funds helped close 45 DV cases, with 41 currently open in Miami-Dade County. Most DV cases are in Biscayne Bay or attached waterways.	The Derelict Vessel Removal Program provides a means for counties and municipalities to apply for grant funds to remove vessels from their communities' waters. More information on the grants can be found at the FWD Derelict Vessel Removal Grant Program. FWC grant funds helped close 45 DV cases, with 41 currently open in Miami-Dade County. Most DV cases are in Biscayne Bay or attached waterways.	Programmatic	Updated		
Florida Fish and Wildlife Conservation Commission (FWC)		BB166	Fisheries Dependent Monitoring	FWC's Fish and Wildlife Research Institute monitors fisheries catches through angler interviews (recreational) and at fish houses (commercial)	Standardized sampling continues	Programmatic	Updated		
Florida Fish and Wildlife Conservation Commission (FWC)	Biscayne National Park (BNP)	BB167	BNP Fisheries Monitoring	FWC and BNP are monitoring size and abundance for a suite of selected marine fisheries species, with a goal to increase the size and abundance of these species by 20% relative to the baseline, through park-specific management changes. Monitoring is conducted via Reef Fish Visual Census (RVC) techniques.	FWC did not conduct any RVC surveys within BNP from 2020 through 2021 due to COVID-19, so sampling was conducted solely by BNP staff.	Programmatic	Updated		
Florida Fish and Wildlife Conservation Commission (FWCC)		BB055	Boating and Resource Citations and Warnings	FWC's Division of Law Enforcement patrols, protects and preserves Florida's natural environment, with officers constantly "in the woods and on the water." FWC law enforcement has a strong presence on the waters of Biscayne Bay.	In Miami-Dade County, from Jan. 1 - June 1, 2022, FWC officers issued the following boating and resource citations and warnings, a large portion of which were in Biscayne Bay, including 1,979 boating citations; 313 resource citations; and 514 warnings	Programmatic	Updated		
Florida Inland Navigation District (FIND)		BB056		The Waterway Assistance Program is a grant program established by the Florida Legislature and the District for the purpose of financially cooperating with local governments to alleviate problems associated with the Atlantic Intracoastal Waterway and associated waterways within the District. Waterway related projects must be located on natural, navigable waterways within the District. Eligible waterway related projects include navigation channel dredging, channel markers, navigation signs or buoys, boat ramps, docking facilities, fishing & viewing piers, waterfront boardwalks, inlet management, environmental education, law enforcement equipment, boating safety programs, beach re-nourishment, dredge material management, environmental mitigation, and shoreline stabilization.		Programmatic	Ongoing		
Florida Inland Navigation District (FIND)	Multiple	BB060	Small-Scale Derelict Vessel Removal Program	Derelict Vessels in District waterways can cause navigation safety and environment problems. The District provides assistance funding up to \$50,000 per county per year to assist other governments with derelict vessel removal projects.		Marine Debris	Ongoing		
Florida Inland Navigation District (FIND)	Miami-Dade County	BB061	Waterfront Recreational Access Plan	In 2018, FIND awarded Miami-Dade County a \$100,000 grant to develop a master plan for public access to county waterways. The plan's purpose is to "provide an interconnected blueways system with improved public access and recreational opportunities to Biscayne Bay and Miami-Dade County's waterways in order to encourage residents and visitors to enjoy, responsibly use and protect these unique natural ecosystems." When complete, the access plan will provide local, state and regional governmental interests with a roadmap to increase public access to the bay.		Governance	Ongoing		
Florida Inland Navigation District (FIND)		BB062	Flood Shoal and Intracoastal Waterway (IWW) Channel at Haulover Inlet	The Bal Harbor Shore Protection project includes 90,000 CY obtained from dredging and approximately 110,000 CY from truck haul. Material will be placed on the beach between R-27 and R-31.3. Out of the 90,000 CY being dredged, approximately 25% will be dredged from the Bakers Haulover reach of the Intracoastal Waterway. This material is located within a problematic flood shoal that is north of the inlet. The removal of this material from the flood shoal has multiple benefits. First, material movement from the flood shoal will act as advance maintenance, lessening the shoaling that would be expected to be deposited into the IWW. Second, the dredging of material from the IWW and placement on the beach is a prime example of beneficial use, removing material at the benefit of one project to benefit another.		Natural System Restoration	Ongoing		
Florida Inland Navigation District (FIND)	Multiple	BB063	FIND Cooperative Assistance Program	Cooperative Assistance Programs are grant programs established for the purpose of financially cooperating with local governments carrying out public navigation, increasing boater access, local and regional mooring field management, public recreation/waterfront parks, inlet management, environmental education, and boating safety projects, directly related to the waterways and to alleviate problems associated with the Atlantic Intracoastal Waterway and associated waterways within the District.		Programmatic	Ongoing		
Florida Inland Navigation District (FIND)	Multiple	BB064	FIND Interlocal Agreement Program	The Waterway Assistance Program is a grant program established by the Florida Legislature and the District for the purpose of financially cooperating with local governments to increase public access associated with the Atlantic Intracoastal Waterway and associated waterways within the District.		Programmatic	Ongoing		
Florida Inland Navigation District (FIND)	Miami-Dade County	BB065	FIND Waterway Cleanup Program	The waterways in the District can accumulate trash and debris from many sources. The District sponsors voluntary waterway cleanups in each of the 12 counties with Keep Florida Beautiful affiliates as well as Marine Industry Associations and others. Eligible applicants may be funded in accordance with Rule No. 66B-2.016 of the Florida Administrative Code.		Marine Debris			
Florida Inland Navigation District (FIND)	Multiple	BB066	FIND Small-Scale Spoil Island Enhancement and Restoration Program	FIND Small-Scale Spoil Island Enhancement and Restoration Program - The District has elected to develop a Small-Scale Spoil Island Enhancement Program to foster "adoption & stewardship" of these islands. This program is intended to provide general improvements, cleanup and maintenance to these islands. The District intends to seek the most technically sound and cost-effective proposals that specifically address the enhancement, improvement and maintenance of spoil islands of the Waterway.		Natural System Restoration			
Florida International University - Institute of Environment	Florida DEP	BB014	Biscayne Bay and Reef Observation, Interpretation and Prediction System (B-BROIPS)	Project will fill data gaps, build a unified and open data and visualization portal, create predictive models at levels from statistical to mechanistic and then provide the predictions needed for informed management decisions influencing bay and reef.		Data Collection and Evaluation	Planned		
Key Biscayne, Village of	Florida DEP	BB015	Stormwater Sustainability Pilot Project	Pilot to demonstrate the effectiveness and benefits of capturing stormwater run-off pollutants captured at the source. Includes installation and monitoring of Ultra-Urban Filters (UUFs), under-grate filter baskets, and curb inlet filters within the K-8 School Basin.		Stormwater	Planned		
Miami Beach, City of		BB028	Climate Initiative	Established a climate action goal to reach net zero emissions by 2050		Governance	Completed		

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Miami Beach, City of		BB027	Plastic Free Ordinance	Passed a plastic free ordinance, a plastic straw ordinance and an expanded polystyrene ordinance, becoming the first municipality in Florida to do so and was the inspiration for county-wide passage of the Plastic 305 Initiative.		Ordinance	Ongoing		
Miami Beach, City of		BB029	Fertilizer Ordinance	Adopted DEP's model ordinance for fertilizer use for urban landscapes, alongside additional and more stringent standards related to the use of nitrogen and phosphorus-based fertilizers.		Ordinance	Ongoing		
Miami Shores, Village of	Florida DEP	BB016	Miami Shores-NE 8th Avenue Drainage Improvement Project	This project mitigates flooding during heavy rain events and protects Biscayne Bay. It connects to Biscayne Blvd, State Road 1 (evacuation route), and planned improvements help ensure that all roads leading to evacuation exit routes remain passable.		Stormwater	Planned		
Miami Waterkeeper	Florida DEP	BB017	Improving Water Quality in Biscayne Bay through Coordination, Outreach, Monitoring, and Source Tracking	Establish coordination between scientists and agencies for water quality events; monitor fecal indicator bacteria (FIB) in Biscayne Bay weekly; analyze an EPA-funded dataset correlating nutrients, FIB, and land use and generate management recommendations.		Data Collection and Evaluation	Ongoing		
Miami, City of	FIND	BB057	Virginia Key Seawall, Dock and Kayak Launch	The Virginia Key seawall, dock and kayak launch at Shrimper's Lagoon		Recreation	Completed		
Miami, City of	FIND	BB058	Spring Garden Park Seawall and Kayak Launch	Spring Garden Park Seawall and Kayak Launch		Recreation	Completed		
Miami, City of	FIND	BB059	Dinner Key Marina Redevelopment	Dinner Key Marina Redevelopment			Completed		
Miami-Dade County (MDC)		BB106	BBTF-5D	Conduct an analysis of marine debris in Biscayne Bay	City of Miami partnership with Ocean Conservancy on a Circularity Assessment Protocol (CAP) a tool that can give us a clear picture of the lifecycle of plastics and debris in the city of Miami.	Marine Debris	Completed	Jun-21	
Miami-Dade County (MDC)		BB125	BBTF-7G	Identify and establish dedicated and recurring funding sources to pay for marine debris prevention and removal activities	The Biscayne Bay Environmental Enhancement Trust Fund has been identified as a funding source in addition to the general fund.	Funding	Completed	2021	
Miami-Dade County (MDC)		BB001	MDC's Chief Bay Officer	Chief Bay Officer acts as an advisor to the Mayor and Board of County Commissioners and advocates on matters related to the health and recovery of Biscayne Bay.		Governance	Completed		Jan-21
Miami-Dade County (MDC)		BB002	MDC's Biscayne Bay Task Force	Task force made up of nine members consisting of professionals and the community at-large, who review relevant data, prior studies and reports related to Biscayne Bay and determine how various issues may affect residents and property owners.		Governance	Completed		Jun-20
Miami-Dade County (MDC)		BB003	MDC's Biscayne Bay Website and Report Card	MDC provides website as a public service to its residents and visitors. The Biscayne Bay Report Card evaluates water quality, habitat, and fisheries in Biscayne Bay as the three representative aspects of the Bay's overall ecological health.		Education	Completed		Apr-21
Miami-Dade County (MDC)		BB005	"Protect Biscayne Bay" Specialty License Plate	MDC Partnered with the Miami Foundation and unveiled a Protect Biscayne Bay specialty license plate. Funds from the sale of the license plate will be directed to the Miami Foundation who will house the Biscayne Bay Recovery Fund.		Education	Completed		Jun-21
Miami-Dade County (MDC)		BB006	Biscayne Bay Watershed Management Advisory Board	The Biscayne Bay Watershed Management Advisory board was created by the Board of County Commissioners (BCC), through Ordinance No 21-72 as recommended by the Biscayne Bay Task Force. It establishes a permanent board to advise the BCC and the County Mayor on issues related to Biscayne Bay.		Governance	Completed		Nov-21
Miami-Dade County (MDC)		BB080	BBTF-2A	Establish by ordinance a Biscayne Bay Watershed Management Board (WMB)	Adopted Ordinance to create and establish the Miami-Dade County Biscayne Bay Watershed Management Advisory Board	Governance	Completed	Jul-21	Ongoing
Miami-Dade County (MDC)	Multiple Cities and FDEP	BB067	BBTF-1A	Reasonable Assurance Plan (RAP) for Biscayne Bay with DEP.	Currently developing Reasonable Assurance Plan for Biscayne Bay with FDEP for the first phase.	Water Quality	Ongoing	Apr-22	
Miami-Dade County (MDC)		BB068	BBTF-1B	Screenshot below:	Department of Regulatory and Economic Resources Division of Environmental Management (RER/DERM) working on calculations pre and post projects in Northern Biscayne Bay through the RAP process.	Water Quality	Ongoing	Apr-22	
Miami-Dade County (MDC)		BB069	BBTF-1C	Activate additional Department of Regulatory and Economic Resources' (RER) resource management functions	RER/DERM created the water resources section and increased staff to focus on Biscayne Bay recovery efforts.	Water Quality	Ongoing	2021	
Miami-Dade County (MDC)		BB070	BBTF-1D	County should conduct an immediate assessment of land-based hotspot areas prioritized based on existing, known impairments.		Water Quality	Ongoing		
Miami-Dade County (MDC)		BB071	BBTF-1E	Review, develop (as needed), implement and enforce local ordinances and policies to attain pollution load reduction goals set forth in the Watershed Restoration Plan (WRP)	RER/DERM currently updating Chapter 24 of the code to improve stormwater and septic systems operations and maintenance	Water Quality	Ongoing	Jun-22	
Miami-Dade County (MDC)		BB072	BBTF-1F	Coordinate, staff and provide an annual budget for comprehensive, centralized Biscayne Bay Watershed data and research coordination and data management infrastructure	Collaborating with academia and tech industry to develop outline and plan	Water Quality	Ongoing	Jan-22	
Miami-Dade County (MDC)		BB073	BBTF-1G	Undertake and secure funding for new pilot projects and research projects focused on reducing pollutant loads	Implementing pilot projects with State funding to install additional stormwater grates, smart sensors, baffle boxes, and similar mechanisms and technologies; pilot projects; and research projects.	Water Quality	Ongoing	Apr-22	
Miami-Dade County (MDC)		BB076	BBTF-1J	Initiate and fund studies that illuminate specific knowledge gaps for application toward watershed restoration	RER/DERM currently working on studies with academic partners.	Water Quality	Ongoing		
Miami-Dade County (MDC)		BB077	BBTF-1L	Increase compliance of all marinas and commercial operations along waterways	Chief Bay Officer collaborating with Miami-Dade County Parks and Recreation & Miami-Dade Police Department to improve education and enforcement efforts.	Water Quality	Ongoing	2021	
Miami-Dade County (MDC)		BB078	BBTF-1M	Continue to monitor the progress of the October 7th, 2015 Consent Agreement between FP&L and Miami-Dade County		Water Quality	Ongoing		
Miami-Dade County (MDC)		BB079	MDC -S11	Spoil Island Contract	Disbursement of \$550,000.00 from Biscayne Bay Environmental Enhancement Trust Fund to conduct environmental enhancement for trash removal on spoil islands in Biscayne Bay.	Marine Debris	Ongoing	Apr-22	Dec-22
Miami-Dade County (MDC)		BB081	BBTF-2D	Develop a formal partnership in the form of a Memorandum of Understanding (MOU) with the SFWMD	Approved cost-share partnership with the South Florida Water Management District (SFWMD) to update the 2005 Biscayne Bay Economic Study, to bring such partnership agreement to this Board for approval as quickly as possible, and to identify sufficient legally available funds in such agenda item.	Governance	Ongoing	May-21	
Miami-Dade County (MDC)		BB082	BBTF-2E	Enable the alignment and coordination of County departments that takes a holistic, comprehensive approach to Biscayne Bay recovery and resilience	Chief Bay Officer with the support of the County Mayor are working cross departments to coordinate recovery efforts.	Governance	Ongoing	Jan-21	

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Miami-Dade County (MDC)		BB084	BBTF-3A	Increase compliance with existing laws to result in the immediate connection of ~12,000 properties to the sewer system	Miami-Dade Water & Sewer initiated the first phase of connections in northern Biscayne Bay. Currently planning the phase two.	Infrastructure	Ongoing	Jan-22	Ongoing
Miami-Dade County (MDC)		BB087	BBTF-3D	Undertake immediate efforts to identify and eliminate all root causes of Sanitary Sewer Overflows (SSO) including inflow and infiltration. Accelerate sewer infrastructure maintenance and upgrades	Miami-Dade Water & Sewer working with consultant to design redundant sewer mains, identify the most at risk for failure.	Infrastructure	Ongoing	Apr-22	
Miami-Dade County (MDC)		BB088	BBTF-3E	Develop and expedite a Condition Assessment and Asset Management Action Plan to document the condition of the County's wastewater system assets and certify all historical "As-Builts" and/or those not already certified with a focus on identifying horizontal and vertical locations of main wastewater transmission lines	Adopted resolution to undertake an effort to update the historical "As-Builts" for County-owned sewer infrastructure that is eight-inches in diameter or greater and which "As-Builts": (a) are over 25 years old or (b) were not prepared by a Florida-licensed Professional Land Surveyor. This Board further directs the County Mayor or County's Mayor designee to prioritize the part of this project that focuses on updating the historical "As-Builts" for County-owned sewer infrastructure that is eight inches or greater in diameter and located within a quarter mile of any canal or body of water that discharges to Biscayne Bay.	Infrastructure	Ongoing	Sep-21	2023-2024
Miami-Dade County (MDC)		BB090	BBTF-3G	Develop a plan to prioritize the retrofitting of stormwater infrastructure within basins with the most substantial water quality and/or habitat degradation issues	Pilot projects underway	Infrastructure	Ongoing	Apr-22	
Miami-Dade County (MDC)		BB091	BBTF-3H	Eliminate direct and indirect stormwater discharges to Biscayne Bay	1. Stormwater pilot projects - See item BB073 2. Miami-Dade Water & Sewer Department (WASD) Capital Improvement Plan replacing of sewer mains. 3. updating design standards for septic and stormwater systems.	Infrastructure	Ongoing		
Miami-Dade County (MDC)		BB093	BBTF-3K	Ensure that new infrastructure projects to address coastal flooding and storm surge that are cost shared by the County adhere to the recommendations of this Task Force and prioritize Biscayne Bay health and resilience	MDC Office of Resilience	Infrastructure	Ongoing		
Miami-Dade County (MDC)		BB098	BBTF-4E	Prioritize existing and identify new green and blue infrastructure approaches and restoration projects	RER DERM, Office of Resilience working with academia and private sector to review potential solutions for sea level rise.	Watershed Habitat Restoration and Natural Infrastructure	Ongoing		
Miami-Dade County (MDC)		BB099	BBTF-4F	Continue to work with SFWMD and to have the State of Florida allocate the funds necessary to ensure the timely commencement of construction of the Cutler Flow Way in accordance with the project timeline in the Integrated Delivery Schedule.	Finalizing transfer of property to SFWMD	Watershed Habitat Restoration and Natural Infrastructure	Ongoing	Jan-21	Sep-22
Miami-Dade County (MDC)		BB100	BBTF-4G	Continue to advocate for funding to support the Biscayne Bay Southern Everglades Ecosystem Restoration (BBSEER) project (also known as the BBCW / C-111)	MDC adopts urgings annually to add CERP to legislative package. BBOW Phase 1 final construction and BBSEER planning process have been fully funded.	Watershed Habitat Restoration and Natural Infrastructure	Ongoing	Apr-22	
Miami-Dade County (MDC)		BB102	BBTF-4I	Accelerate green infrastructure solutions for flooding, resiliency and water quality	1. MDC working on building resilience in secondary canal system with elevating canal banks. 2. In partnership with SFWMD to develop strategies to SFWMD's level of service for C7, C8 & C9. 3. Partnering with SFWMD on grant proposals for Innovative Water Technology.	Watershed Habitat Restoration and Natural Infrastructure	Ongoing	May-21	
Miami-Dade County (MDC)		BB103	BBTF-5A	Create a comprehensive marine debris prevention, reduction, and removal program within DERM and to adequately fund and staff the program	Received approval from DERM Director's Office to create a scope of work to bid out the development of a comprehensive marine debris plan, to be informed by the goals and objectives identified by the marine debris planning team and to include, at a minimum, the following: 5D, 5E, 5F, and 5G	Marine Debris	Ongoing	Jun-22	
Miami-Dade County (MDC)		BB104	BBTF-5B	Establish a marine debris working group to promote collaboration on ways to reduce marine debris	RER DERM working with consultant, municipalities and stakeholders to develop plan through workshops and charrettes.	Marine Debris	Ongoing	Jun-22	
Miami-Dade County (MDC)		BB105	BBTF-5C	Through the Miami-Dade County Police Department (MPDP), direct the Marine Patrol Unit to prioritize its commitment to the enforcement of all applicable laws having a nexus to the environmental health of the Bay and its tributaries	Chief Bay Officer collaborated with Miami-Dade Police Department to increase law enforcement presence in Biscayne Bay and tributaries by increased FTEs. MPDP conducted Earth Day clean up activity to show commitment towards Biscayne Bay recovery efforts.	Marine Debris	Ongoing		
Miami-Dade County (MDC)		BB107	BBTF-5E	Adopt a target maximum input level policy for trash		Marine Debris	Ongoing		
Miami-Dade County (MDC)		BB108	BBTF-5F	Evaluate the various existing stormwater outfall systems throughout the county to determine their effectiveness at preventing debris from entering Biscayne Bay	Creating report to include maintenance of stormwater infrastructure and stormwater mechanisms, including, but not limited to, stormwater drainage on roads and the secondary canal system: what stormwater-related maintenance the County currently undertakes, including the type of maintenance; the general locations; differences in maintenance by location, if differences exist; and the frequency of such maintenance.	Marine Debris	Ongoing	Apr-21	
Miami-Dade County (MDC)		BB109	BBTF-5G	Identify and establish dedicated and recurring funding sources to pay for marine debris prevention and removal activities		Marine Debris	Ongoing		
Miami-Dade County (MDC)		BB110	BBTF-6A	Create a multi-lingual, multi-media campaign and educational outreach program	Resolution directing the county mayor or county mayor's designee to develop and implement a multilingual, multimedia public awareness campaign and educational outreach program to promote and improve awareness regarding Biscayne Bay.	Education and Outreach	Ongoing	Apr-21	

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Miami-Dade County (MDC)		BB111	BBTF-6B	Leverage the funding in the Community Based Organization grant program to create a special focus on Biscayne Bay education	RER DERM has updated the program to emphasize focus on Biscayne Bay recovery. OMB finalizing the streamlining of the grant process.	Education and Outreach	Ongoing	Sep-21	
Miami-Dade County (MDC)		BB113	BBTF-6D	Implement policies to reduce the amount of locally generated plastic marine debris	Created a "Plastic Free 305" during Earth Month 2022. The program shall be a voluntary certification program for business in Miami-Dade County to reduce the use of single-use plastics.	Education and Outreach	Ongoing	Dec-21	
Miami-Dade County (MDC)		BB114	BBTF-6E	Build upon and increase volunteer clean-up activities county-wide	adopted resolution to organize and conduct additional Bayanza events to take place year-round, subject to the availability of funding. Such events may include, for example, additional Biscayne Bay cleanup events, environmental education events, and other activities to raise awareness related to Biscayne Bay. Conducted the 40th Annual Bayanza clean up.	Education and Outreach	Ongoing	Apr-21	
Miami-Dade County (MDC)		BB116	BBTF-6G	Support a "Living Laboratory for Bay Health"	FIU and North Bay Village collaborating.	Education and Outreach	Ongoing		
Miami-Dade County (MDC)		BB117	BBTF-6H	Develop and implement a contractor and lawn care industry training program	Miami-Dade County partnered with University of Florida - IFAS Extension to develop a Green Industries Best Management Practices for commercial applicators in Miami-Dade County.	Education and Outreach	Ongoing	Apr-21	
Miami-Dade County (MDC)		BB118	BBTF-6I	Expand the scope of Bayanza to add year-round activities and collaborate on Biscayne Bay Marine Health Summit activities.	Resolution to organize and conduct additional Bayanza events to take place year-round with 501(c)(3) nonprofit organizations to fund Biscayne Bay cleanup events.	Education and Outreach	Ongoing	May-22	
Miami-Dade County (MDC)		BB119	BBTF-7A	Collaborate with the Miami-Dade Legislative Delegation and the Congressional Delegation to secure annually appropriated funds to support Biscayne Bay watershed restoration	Miami-Dade County has adopted urgings and engaged in advocacy efforts at the state and federal levels every session focused on projects to improve water quality in the watershed. Since 2020, MDC received ongoing appropriations from state grants and federal grants and earmark requests.	Funding	Ongoing	2020	
Miami-Dade County (MDC)		BB120	BBTF-7B	Immediately engage in the legislative process to designate a Biscayne Bay License Plate	During Florida's 2021 legislative session, Senator Heena Garcia (R) District 37 and State Representative Nick Duran (D) District 112, led a successful bipartisan effort to create the "Protect Biscayne Bay" specialty license plate. We are currently at 274 sales out of 3,000 needed for circulation - 6.21.2022.	Funding	Ongoing	Oct-21	
Miami-Dade County (MDC)		BB121	BBTF-7C	Immediately enter into a cost-share partnership with SFWMD	See item BBTF-2D	Funding	Ongoing	Feb-22	
Miami-Dade County (MDC)		BB124	BBTF-7F	Develop a mechanism to collaborate with municipalities and work with the development community	Chief Bay Officer and RER DERM hosted a workshop to coordinate activities prior to the rainy season. In addition, the County hosts Utility Roundtables with municipalities as well.	Funding	Ongoing	Jun-21	
Miami-Dade County (MDC)		BB004	Countywide Fertilizer Ordinance	Florida friendly fertilizer use on urban landscapes ordinance was adopted in April 2021. The ordinance relates to the regulation of fertilizer, creating Chapter 18C of the Code of Miami-Dade County, Florida; regulating fertilizer application and usage in the incorporated and unincorporated areas; adopting the Florida Department of Environmental Protection's Model Ordinance for Florida-Friendly Fertilizer Use for Urban Landscapes; providing for additional and more stringent standards than the model ordinance, including an annual period during which fertilizer application generally would be prohibited and limitations on nitrogen and phosphorus; providing enforcement authority to Department Director; amending section 8CC of the Code; providing for enforcement by civil penalty; directing the County Mayor to conduct an educational campaign, make recommendations as to areas of County parks which could be modified to require less fertilization, make recommendations as to water quality testing related to fertilizer, and to prepare reports for the Board of County Commissioners.		Ordinance	Ongoing		Apr-21
Miami-Dade County (MDC)		BB020	Marine Debris Program	Create a comprehensive marine debris prevention, reduction and removal program within Miami-Dade County Environmental Resources Management and adequately fund and staff the program.		Marine Debris	Ongoing		
Miami-Dade County (MDC)		BB021	Marine Debris Enforcement	Through the Miami-Dade County Police Department, direct the Marine Patrol Unit to prioritize its commitment to the enforcement of all applicable laws having a nexus to the environmental health of the bay and its tributaries.		Marine Debris	Ongoing		
Miami-Dade County (MDC)	Multiple Cities	BB040	Septic-to-Sewer Task Force	The Task Force would consist of 13 members (all experts or knowledgeable on issues related to septic tanks, sanitary sewer systems, or septic to sewer conversions). The proposed Task Force would be established solely to advise the County Commission and the County Mayor on septic to sewer conversion in Miami-Dade County.		Governance	Ongoing		
Miami-Dade County (MDC)		BB085	BBTF-3B	Develop and enforce septic system design criteria with design parameters	Draft ordinance was workshoped with industry and at the Biscayne Bay Watershed Management Advisory Board. Pending final action by the Board of County Commissioners	Infrastructure	Planned		
Miami-Dade County (MDC)		BB086	BBTF-3C	Initiate a mandatory septic system registration and inspection program	Staff reviewing feasibility of inspection program. County Commission adopted resolution to create educational campaign for County residents and business owners on septic system maintenance, including, but not limited to, materials that should and should not be placed into a septic system, the type and frequency of recommended maintenance, how to address an improperly functioning septic system, and why proper maintenance is important, such as to avoid financial, health, and environmental contamination risks.	Infrastructure	Planned	May-21	

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Miami-Dade County (MDC)		BB089	BBTF-3F	Enforce the existing code and update the stormwater design criteria to improve effectiveness and include advances in stormwater treatment technologies	RER DERM currently drafting the update for Chapter 24 of the code to improve stormwater design, operations and maintenance	Infrastructure	Planned	Jun-22	
Miami-Dade County (MDC)		BB094	BBTF-4A	Develop ecologically acceptable living shoreline design options that are consistent with the existing Biscayne Bay Aquatic Preserve Act	Currently identifying consultant to develop a living shoreline guidance document.	Watershed Habitat Restoration and Natural Infrastructure	Planned	Aug-22	Jul-23
Miami-Dade County (MDC)		BB112	BBTF-6C	Conduct an educational campaign to inform the public on the proper and improper ways to dispose of trash and the impacts of littering and marine debris to the health and management of Biscayne Bay	See item BB110	Education and Outreach	Planned	Apr-21	
Miami-Dade County (MDC)	Florida DEP	BB011	Phase 2 - Implementation of Biscayne Bay Task Force Recommendations	Phase 2 - Identification of pollution hotspots, construction solutions leading to reduced nutrient inputs to surface waters of Biscayne Bay Aquatic Preserves, and biological restoration in support of protecting Florida's Coral Reef.	Grant awarded in 2021	WQ Characterization - Phase 2 Wastewater Innovative Technology S2S Education and Outreach Construction Stormwater Innovative Technology	Planned		
Miami-Dade County (MDC)	National Park Service Foundation	BB165	Marine Debris Program	The Marine Debris Program has contracted with Miami-Dade County to expand and enhance derelict fisheries trap retrieval efforts throughout Biscayne Bay and host local volunteer debris removal events. The Marine Debris Program coordinates with the National Park Service Foundation to fund a marine debris removal and hot spot mapping project. This partnership will facilitate the removal of marine debris both in water and on the shoreline in Biscayne National Park.	The Marine Debris Program has contracted with Miami-Dade County to expand and enhance derelict fisheries trap retrieval efforts throughout Biscayne Bay and host local volunteer debris removal events. The Marine Debris Program coordinates with the National Park Service Foundation to fund a marine debris removal and hot spot mapping project. This partnership will facilitate the removal of marine debris both in water and on the shoreline in Biscayne National Park.	Programmatic	Updated		
Miami-Dade County (MDC)	Florida DEP	BB007	Biscayne Bay Water Quality Characterization and Pollution Reduction - Implementation of Biscayne Bay Task Force Recommendations	Projects will support identification of pollution hotspots, construction solutions leading to reduced nutrient inputs to surface waters of Biscayne Bay Aquatic Preserves, and biological restoration in support of protecting Florida's Coral Reef.	Projects will support identification of pollution hotspots, construction solutions leading to reduced nutrient inputs to surface waters of Biscayne Bay Aquatic Preserves, and biological restoration in support of protecting Florida's Coral Reef.	Task 3 - WQ Characterization Task 4 - Innovative Technology Task 5 - Education and Outreach Task 6 - Septic to Sewer Task 7 - Stormwater Treatment Task 8 - Restoration	Updated	Jun-21	Jun-23
Miami-Dade County (MDC)		BB074	BBTF-1H	Elevate and further amend the Comprehensive Develop Master Plan (CDMP) to further include Biscayne Bay watershed management planning elements	Elevate and further amend the Comprehensive Develop Master Plan (CDMP) to further include Biscayne Bay watershed management planning elements	Water Quality			
Miami-Dade County (MDC)		BB075	BBTF-1I	Conduct a climate change vulnerability assessment for Biscayne Bay	Conduct a climate change vulnerability assessment for Biscayne Bay	Water Quality			
Miami-Dade County (MDC)		BB083	BBTF-2F	Develop a formal partnership in the form of a Memorandum of Understanding (MOU) with the Miami River Commission		Governance			
Miami-Dade County (MDC)		BB092	BBTF-3I	Set policy that all As-Builts/Record Drawings are done and certified by a Florida Professional Surveyor and Mapper qualified and registered to do work in Miami-Dade County		Infrastructure			
Miami-Dade County (MDC)		BB095	BBTF-4B	Raise awareness of the value of mangroves through a homeowner education campaign		Watershed Habitat Restoration and Natural Infrastructure			
Miami-Dade County (MDC)		BB096	BBTF-4C	Increase enforcement of existing rules for protecting existing mangroves and mangrove shorelines		Watershed Habitat Restoration and Natural Infrastructure			
Miami-Dade County (MDC)		BB097	BBTF-4D	Identify vulnerable properties along the coastline and partner with municipalities to focus on public properties and private property owners to create a voluntary Mangrove Protection and Restoration Zone Program		Watershed Habitat Restoration and Natural Infrastructure			
Miami-Dade County (MDC)		BB101	BBTF-4H	Establish seagrass targets and maintenance requirements		Watershed Habitat Restoration and Natural Infrastructure			
Miami-Dade County (MDC)		BB122	BBTF-7D	Collaborate with Florida Inland Navigational District (FIND) to immediately identify projects that will improve water quality and restoration of the Biscayne Bay watershed		Funding			
Miami-Dade County (MDC)		BB123	BBTF-7E	Leverage municipal financial resources through interlocal agreements to supplement County funds		Funding			
Miami-Dade Water and Sewer Department	Florida DEP SED	BB143	Miscellaneous Electrical Improvements	Miscellaneous electrical improvements at MDWASD Central District treatment plant.	Miscellaneous electrical improvements at MDWASD Central District treatment plant.	Water Quality	Completed		
Miami-Dade Water and Sewer Department	Florida DEP SED	BB144	Replacement of Pumps	Replacement of pumps at one of the effluent pump stations at Central District treatment plant.	Replacement of pumps at one of the effluent pump stations at Central District treatment plant.	Water Quality	Completed		
Miami-Dade Water and Sewer Department	Florida DEP SED	BB145	Rehabilitation of Digesters	Rehabilitation of digesters at treatment plant 2 clusters 1-4 at Central District treatment plant.	Rehabilitation of digesters at treatment plant 2 clusters 1-4 at Central District treatment plant.	Water Quality	Completed		
Miami-Dade Water and Sewer Department	Florida DEP SED	BB146	Construction of 80-ton Oxygen Production Units	Construction of two 80-ton oxygen production units at Central District treatment plant.	Construction of two 80-ton oxygen production units at Central District treatment plant.	Water Quality	Completed		
Miami-Dade Water and Sewer Department	Florida DEP SED	BB147	Standby Pumps and Rehab Outfall Pump Station Wet Well	Standby Pumps and Rehab Outfall Pump Station Wet Well for effluent disposal at North District	Standby Pumps and Rehab Outfall Pump Station	Water Quality	Completed		
Miami-Dade Water and Sewer Department	Florida DEP SED	BB148	Rehabilitation of South Dade 54 Inch Force Main	Rehabilitation of 3.5 miles of the South Dade 54-inch force main (collection system).	Rehabilitation of 3.5 miles of the South Dade 54-inch force main (collection system).	Water Quality	Completed		
Miami-Dade Water and Sewer Department	Florida DEP SED	BB149	Rehabilitation of City of Miami 54 Inch Force Main	Rehabilitation of a 54-inch force main in the city of Miami (collection system).	Rehabilitation of a 54-inch force main in the city of Miami (collection system).	Water Quality	Completed		
Miami-Dade Water and Sewer Department	Florida DEP SED	BB150	Replacement of Asbestos Cement Force Main	Replacement of 30 miles of asbestos cement force main transmission system (collection system).	Replacement of 30 miles of asbestos cement force main transmission system (collection system).	Water Quality	Completed		
Miami-Dade Water and Sewer Department	Florida DEP SED	BB151	Replacement of Force Main Collection System	Replacement of 231,731.01 linear feet (43.89 miles) of force mains (collection system).	Replacement of 231,731.01 linear feet (43.89 miles) of force mains (collection system).	Water Quality	Completed		
Miami-Dade Water and Sewer Department	FPL	BB152	Supply of Reclaimed Water to Turkey Point	A cooperative project with FPL is underway to supply reclaimed water for industrial reuse to the Turkey Point power plant, indirectly reducing MDWASD ocean outfall discharges under the Ocean Outfall legislation.	A cooperative project with FPL is underway to supply reclaimed water for industrial reuse to the Turkey Point power plant, indirectly reducing MDWASD ocean outfall discharges under the Ocean Outfall legislation.	Water Quality	Completed		
Miami-Dade Water and Sewer Department	Florida DEP SED	BB153	Deep Injection Wells	Deep injection wells are being built to be the primary disposal method at each plant, eliminating or greatly reducing nutrients, solids, and other constituents discharged via the outfalls.	Deep injection wells are being built to be the primary disposal method at each plant, eliminating or greatly reducing nutrients, solids, and other constituents discharged via the outfalls.	Water Quality	Completed		
Miami-Dade Water and Sewer Department (MDWASD)	Florida DEP SED	BB142	Rehabilitation of Chlorine Contact Chamber at South District Treatment Plant	Rehabilitation of Chlorine Contact Chamber at South District Treatment Plant	Rehabilitation of Chlorine Contact Chamber at South District Treatment Plant	Water Quality	Completed		

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Mote Marine Laboratory & Aquarium	Florida DEP/FWC	BB008	Strategic Integration of Stony Coral Disease Resistance into Coral Reproduction and Restoration Practices to Recover FL's Coral Reef	Applied Stony coral tissue loss disease research to increase restoration innovation.		Data Collection and Evaluation	Ongoing	Apr-21	Jun-23
North Bay Village, City of		BB033	Fertilizer Ordinance	Adopted the Florida Friendly Fertilizer Ordinance		Ordinance	Ongoing		
North Bay Village, City of		BB034	Innovative Research Partnership	Developed a partnership with Florida International University and the University of Miami to fund innovative research to help improve the health of Biscayne Bay		Data Collection and Evaluation	Ongoing		
North Bay Village, City of	FIU	BB035	Marine Park	Set aside a marine park		Recreation	Ongoing		
North Bay Village, City of	Miami-Dade County	BB036	Rapid Derelict Vessel Removal	Working on rapid derelict vessel removal in partnership with the county		Marine Debris	Ongoing		
North Bay Village, City of	Florida DEP	BB018	North Bay Village Stormwater Pump Station	Project consists of replacing the injection well and pump station and adding Contech CDS stormwater treatment units at each outfall.		Stormwater	Planned		
Palmetto Bay, City of		BB032	Fertilizer Ordinance	Adopted DEP's model ordinance for fertilizer use for urban landscapes, alongside additional and more stringent standards related to the use of nitrogen and phosphorus-based fertilizers.		Ordinance	Ongoing		
Pincrest, City of	Miami-Dade County	BB039	Pincrest Potable Water Project	Will connect 700 homes previously reliant on well water to the county water and sewer system.		Potable Water	Ongoing		
South Florida Water Management District		BB022	Cutler Flow Way	Contract 6: Cutler Wetlands Flow way- intermediate design completed. Final design, contract award and construction expected in 2022, with completion in 2025.		Hydrologic Restoration	Ongoing		
South Florida Water Management District	Miami-Dade County; Florida DEP	BB024	Model Lands Restoration Project	Miami-Dade County in cooperation with the SFWMD and DEP is implementing a concept for the construction, operation and monitoring of environmental pump stations to divert excess stormwater from the Florida City Canal and improve hydrology and reduce saltwater intrusion in the Model Lands.		Hydrologic Restoration	Ongoing		
South Florida Water Management District	Miami-Dade County	BB025	Biscayne Bay Economic Study Update	The purpose of the Biscayne Bay Economic Study Update is to estimate the economic contribution of Biscayne Bay as it is used for recreation, shipping, cruises and commercial fishing. Economic contribution is the output, resident income, employment and tax revenue generated from these activities. The study will also update the recreational uses and intensity of Biscayne Bay. This update of the economic role of Biscayne Bay in Florida could be used to justify investments and programs to protect the bay and its contributions to economic activity and community well-being.		Data Collection and Evaluation	Ongoing		
South Florida Water Management District	Cutler Bay, City of	BB026	BBCW/C-111	The Biscayne Bay Coastal Wetlands (BBCW) project, a part of the Comprehensive Everglades Restoration Plan (CERP), was authorized by Congress in 2014.		Hydrologic Restoration	Ongoing		Dec-25
South Florida Water Management District	Florida DEP	BB019	Biscayne Bay Water Quality Model Development and Application	Objective is to develop and implement a physically-based hydrodynamic water quality model for Biscayne Bay. Model applications will provide quantitative assessments of potential projects and operations to reduce nutrient loading to Biscayne Bay.		Data Collection and Evaluation	Planned		
South Florida Water Management District	Miami-Dade County	BB023	CERP-Biscayne Bay and Southeastern Everglades Ecosystem Restoration	Biscayne Bay and Southeastern Everglades Ecosystem Restoration is a CERP study with multiple components to bring fresh water and improve timing of deliveries to Biscayne Bay, the Model Lands, Southern Glades and other areas, building on the work of the BBCW project.		Hydrologic Restoration	Planned		
South Miami		BB129	Storm Drains	Added grates on storm drains to prevent trash from reaching Biscayne Bay.	Added grates on storm drains to prevent trash from reaching Biscayne Bay.	Stormwater	Updated		
South Miami		BB130	Septic-to-Sewer Plan	Funded plan to get all residents on city water and currently working to find funding to implement the septic-to-sewer plan, which already has the engineering component completed.	Funded plan to get all residents on city water and currently working to find funding to implement the septic-to-sewer plan, which already has the engineering component completed.	Funding	Updated		
South Miami		BB131	Biscayne Bay Southern Everglades Ecosystem Restoration	Passed resolution to protect Biscayne Bay Southern Everglades Ecosystem Restoration from any industrial development that conflicts with current restoration alternatives.	Passed resolution to protect Biscayne Bay Southern Everglades Ecosystem Restoration from any industrial development that conflicts with current restoration alternatives.	Ordinance	Updated		
The Florida Sea Base	Florida DEP	BB010	Coral Restoration and Youth Environmental Education	Coral restoration project that is part of a STEM program in Florida Keys.		Education	Ongoing	May-21	Jun-23
The Green Corridor Cities	Cutler Bay, Palmetto Bay, Pincrest, South Miami, Coral Gables, Miami and Miami Shores	BB132	PACE Program	Support of PACE Program funding for water and sewer infrastructure improvements.	Support of PACE Program funding for water and sewer infrastructure improvements.	Infrastructure	Updated		
University of Miami	Florida DEP	BB009	Enhancing Coral Restoration through propagation, research, and training across a network of six FL Institutions to improve reproductive success, genetic diversity, and resilience of restored corals.	Project will integrate and expand asexual and sexual propagation activities for Miami-Dade and Broward Counties.		Data Collection and Evaluation	Ongoing	Jul-21	Jun-23