RESTORE ACT Direct Component Multiyear Implementation Plan Narrative

Department of the Treasury

OMB Approval No. 1505-0250

Directions: Use this form for the Initial Multiyear Implementation Plan and any subsequent amendments to an accepted Multiyear Implementation Plan. For amendments, include only new and/or materially modified activities.

Multiyear Implementation Plan Version (Initial or Amendment Number):	MIP Amendment 1

Eligible Entity Name:	Pinellas County Board of County Commissioners (RA)
Name and Contact Information of the Person to be contacted (POC) on matters concerning this Multiyear Implementation Plan:	
POC Name:	Natasha Dickrell
POC Title:	RESTORE Act Grants Manager; Senior Environmental Specialist
POC Email:	ndickrell@pinellas.gov
POC Phone:	727-464-4019

NARRATIVE DESCRIPTION:

1. Please provide the following for **EACH** proposed activity (i.e. project or program) listed in the matrix:
   -Description of the proposed activity (i.e. project or program);
   - If the activity includes third-party funding, describe the amount and current status of funding (e.g., for another grant, whether the funds have been requested or awarded; if requested, where they are in the approval process) from other sources and provide a description of the specific portion of the project to be funded by the RESTORE Act Direct Component;
   - Need (i.e., What is the problem this activity seeks to address, or the anticipated benefit to the community?),
   -Purpose and objective(s) (i.e., How will the proposed activity address the need? What are the desired outcomes?);
   -Anticipated milestones (i.e. What are key phases and milestones by which the entity will monitor progress towards completion?);
   -Milestones for each activity
   -Criteria applicant will use to evaluate the success of each activity (project or program), (i.e., How will the entity determine that the activity achieved its objectives and solved or ameliorated the problem the activity(project or program) sought to address or provided the anticipated benefits? Note that this does not need to be at the level of proposed performance metrics, which will be negotiated with Treasury at the time of application for an award.)
   Please also provide **either** a) an individual map of each and every proposed activity listed on the matrix, clearly showing the location of the activity or b) a single map showing all proposed activities listed on the matrix. Note that all proposed activities must be carried out in the Gulf Coast Region, as defined by 31 C.F.R. 34.2 and pursuant to 31 CFR 34.201, except activities designed for the promotion of tourism in the Gulf Coast Region, including promotion of recreational fishing; the promotion of the consumption of seafood harvested from the Gulf Coast Region; and planning assistance.

Project No. 5 - Philippe Park Seawall Enhancement

Description: The project builds upon two previous projects at Philippe Park which demonstrates how installed habitat features protect the shoreline and prolong the life of an existing seawall, which cannot be removed because of vulnerable sloping on site, that is associated with historic archaeological artifacts. This RESTORE project will demonstrate two additional methods to create a hybrid living shoreline and will result in an additional 1,000 linear feet of enhancement along the existing seawall. The project will increase wildlife habitat diversity while protecting the seawall structure and reducing wave energy erosion. The overall comprehensive goal is to exhibit and monitor the effectiveness of nine different shoreline protection methods that could be implemented along many hardened coasts to provide greater coastal resiliency, water quality, fishery, and recreational benefits to the Gulf coast. Philippe Park is renowned and garners public support to allow for outreach and education about living shorelines and coastal resilience to a broader populace, including residents, visitors, and researchers.

Funding: Seawall enhancement methods will be installed using the requested RESTORE funds and based on cost estimates from initial design and permitting and in conjunction with planned seawall repair activities. The RESTORE funding will benefit the Gulf coast through habitat restoration that supports water quality, fishery, and recreation improvements within the Tampa Bay estuary.

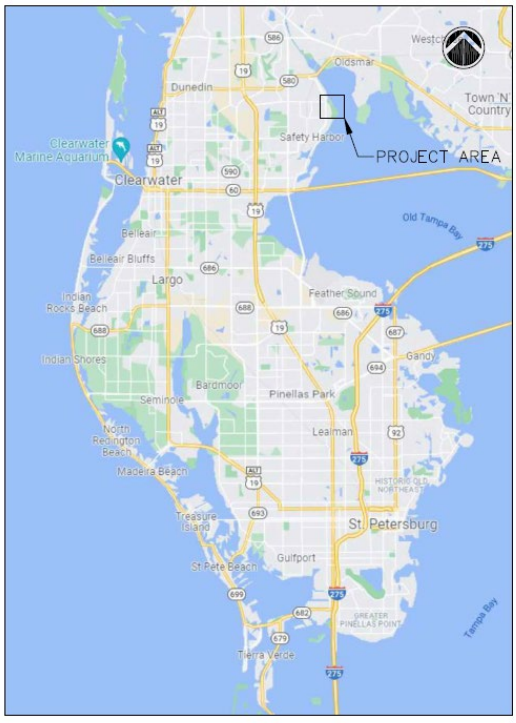
Need: The overall benefit of this project is to explore seawall enhancement method performance and determine optimal restoration solutions for the Old Tampa Bay coast and address impacted habitat for more than 300 miles of hardened shoreline along Pinellas County coasts and inlets.

Purpose: Monitoring of established methods will determine the success and viability of the options and compare the ease of installation and costs.

Milestones: Renewing project permitting and completing method installations are anticipated milestones. Elements will be installed according to design. As-built surveys will be available after installation to confirm compliance with design.

Criteria: Success of each method will be determined through completed installation and observations of reduced erosion, recruited habitat, and reinforced bulkhead.

Project No. 5 - The location of the project activity is in Old Tampa Bay:



VICINITY MAP



PROJECT LOCATION MAP

CLIENT
PINELLAS COUNTY
PROJECT MANAGER: STACEY DAY, PH.D.
PINELLAS COUNTY ENVIRONMENTAL MANAGEMENT
22211 US 19 N., BLDG. 10
CLEARWATER, FLORIDA 33765

PREPARED BY
AtkinsRéalis
4030 W BOY SCOUT BLVD STE 700
TAMPA, FL 33607
FBPR CERTIFICATE OF AUTHORIZATION NO. 24
TEL: (813) 282-7275
PROJECT NUMBER: 100074006

Project No. 6 - Fort DeSoto Living Shoreline Implementation

Description: The project aims to protect and enhance the Fort DeSoto Campground and Bunces Pass cove shorelines from coastal erosion. These unique barrier island ecosystems will benefit from the removal of damaged seawall along the campground in the Bunces Pass cove area to stabilize and protect shoreline. The project design will prioritize Tier 3 restoration strategies to minimize the introduction of new hardened infrastructure and demonstrate the use of appropriate natural materials to stabilize shoreline and restore coastal habitat. Shoreline protection and wave attenuation features will improve water quality, restore seagrass, oyster, and soft coral habitat, while expanding recreational access to benefit the Gulf coast economy and tourism.

Funding: Pinellas County plans to fully fund implementation with RESTORE Act Direct Component funds.

Need: The existing campground area seawall is nearly 40 years old. An informal 2023 seawall assessment identified non-reparable deficiencies that were further exacerbated following the 2024 Hurricane season. Fort De Soto Park, beaches, and campground welcomes over 2.7 million visitors annually to enjoy access to Boca Ciega Bay, Tampa Bay, and the Gulf of America. In 1977 the Fort De Soto batteries were added to the National Register of Historic Places, therefore preservation, stewardship, resiliency, and recreational services will be maintained or improved through living shoreline design and installation.

Purpose: Pinellas County Parks and Conservation Resources is undergoing design to remove seawalls where feasible, incorporate resilient living shoreline elements, and further stabilize the shoreline. Living shoreline and enhancement options will provide sustainable wave attenuation and infrastructure to restore and maintain coastal habitat, improve water quality, promote public access, and realize long-term coastal resiliency.

Milestones: Installation of living shoreline solutions along two barrier island park and refuge areas are anticipated milestones. Anticipated milestones, as identified by to Florida Sea Grant and the National Oceanic and Atmospheric Administration, for living shoreline projects include “a shoreline management practice that provides erosion control benefits; protects, restores, or enhances natural shoreline habitat; and maintains coastal processes through the strategic placement of plants, stone, fill, and other structural organic materials,” to create long-term coastal ecological, recreational, and resiliency benefits.

Criteria: Success of the project will be measured by linear foot of hardened seawall converted to enhanced or restored shoreline habitat based on design.

Project No. 6 – Living Shoreline Project Location Map



Project No. 7 Keystone Ranchettes Phase 1A & 1B Septic to Sewer

Description: Pinellas County Utilities (PCU) is embarking on a septic-to-sewer conversion program to provide centralized wastewater collection service to septic system users to ensure public health and environmental protection in several communities. The Keystone Ranchettes community resides within the Lake Tarpon and Brooker Creek Watersheds and will provide septic-to-sewer conversion, stormwater retrofit, and septic tank abandonment to approximately 40 homes.

Funding: The RESTORE Act Direct Component funds will be used as the 50% match required for the Florida Department of Environmental Protection (FDEP) Wastewater Grant (WG003) program to fund Lake Tarpon septic-to-sewer conversion for Phase 1A & 1B areas.

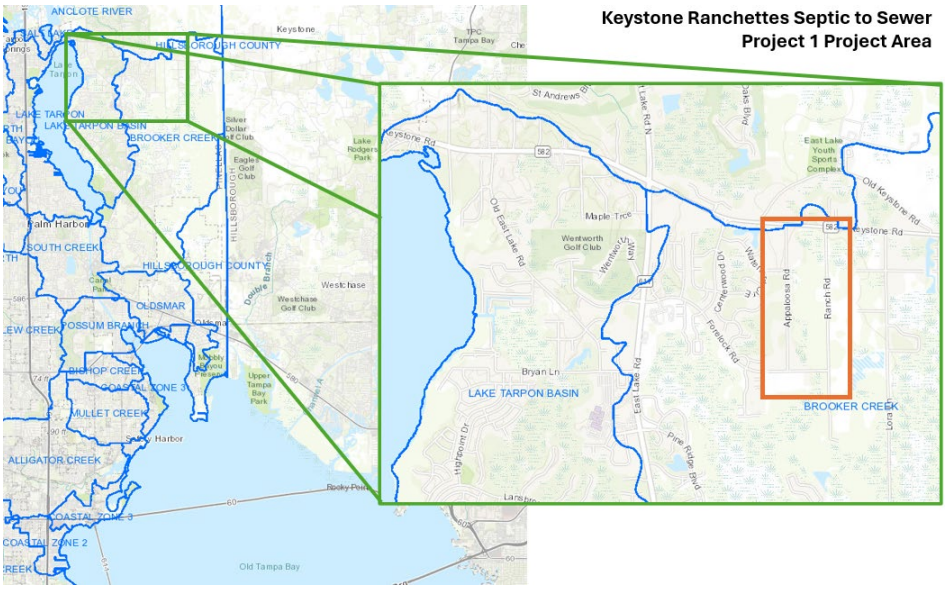
Need: The hydrologic characteristics of the watershed create a connected ground and surface water system because of sandy soils and limited urban development. The lake or watershed discharges to Old Tampa Bay through the Lake Tarpon Canal control structure. Lake Tarpon is designated as a Florida Outstanding Water (62-302.700 F.A.C.) and offers the community various recreational, fishery, ecosystem, and water supply benefits.

Purpose: The project will remove aging septic sewer systems and eliminate wastewater nitrogen and/or pathogen loadings to ground or surface waters to benefit creek and lake water quality. In Florida, permitting practices and nitrogen reducing priorities exist to address pollution from these conventional septic systems within impacted areas. This project will aid with community compliance and reduce ongoing risk of septic system pollution sources in the Lake Tarpon and Old Tampa Bay watersheds.

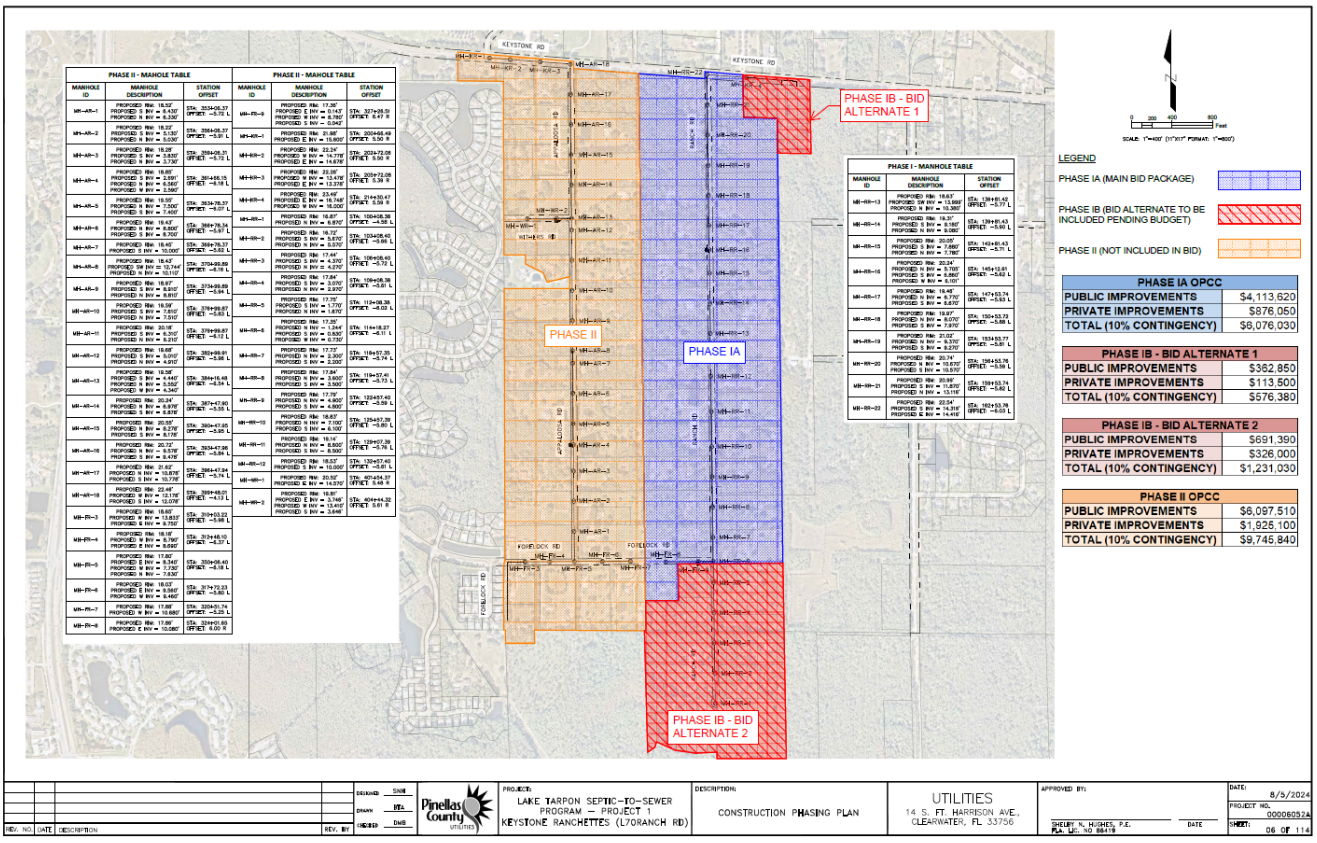
Milestones: Construction of County lateral, manhole, gravity, and force main installations, lift stations, and septic system decommissioning that are measurable by installation and/or removal units are the anticipated milestones.

Criteria: Success will be measured by the number of homes connected to central sewer with abandoned on-site septic systems.

Project No. 7 Keystone Ranchettes Overall Project Area



Project No. 7 Keystone Ranchettes Phase 1A & 1B Alternate 2 Conversion Zone Map



Project No. 8 Septic-to-Sewer Improvements: Lofty Pines Phase 1 Septic Tank Abandonment

Description: The Lofty Pines neighborhood septic to sewer conversion project was initially prioritized to address pollution sources within the City of Dunedin and Pinellas County Utilities service area for approximately 120 parcels and builds upon the City's septic to sewer conversion project. Pinellas County plans to use RESTORE funding to decommission septic tanks as an incentive to offset conversion costs for property owners who choose to connect to the wastewater sewer service. Septic tank decommissions ensure remnant waste does not become an eventual source of ground water, surface water, and Gulf coast water pollution.

Funding: The requested Direct Component funds are intended to fund septic tank decommissions for up to 15 parcels within the Phase 1 project boundary.

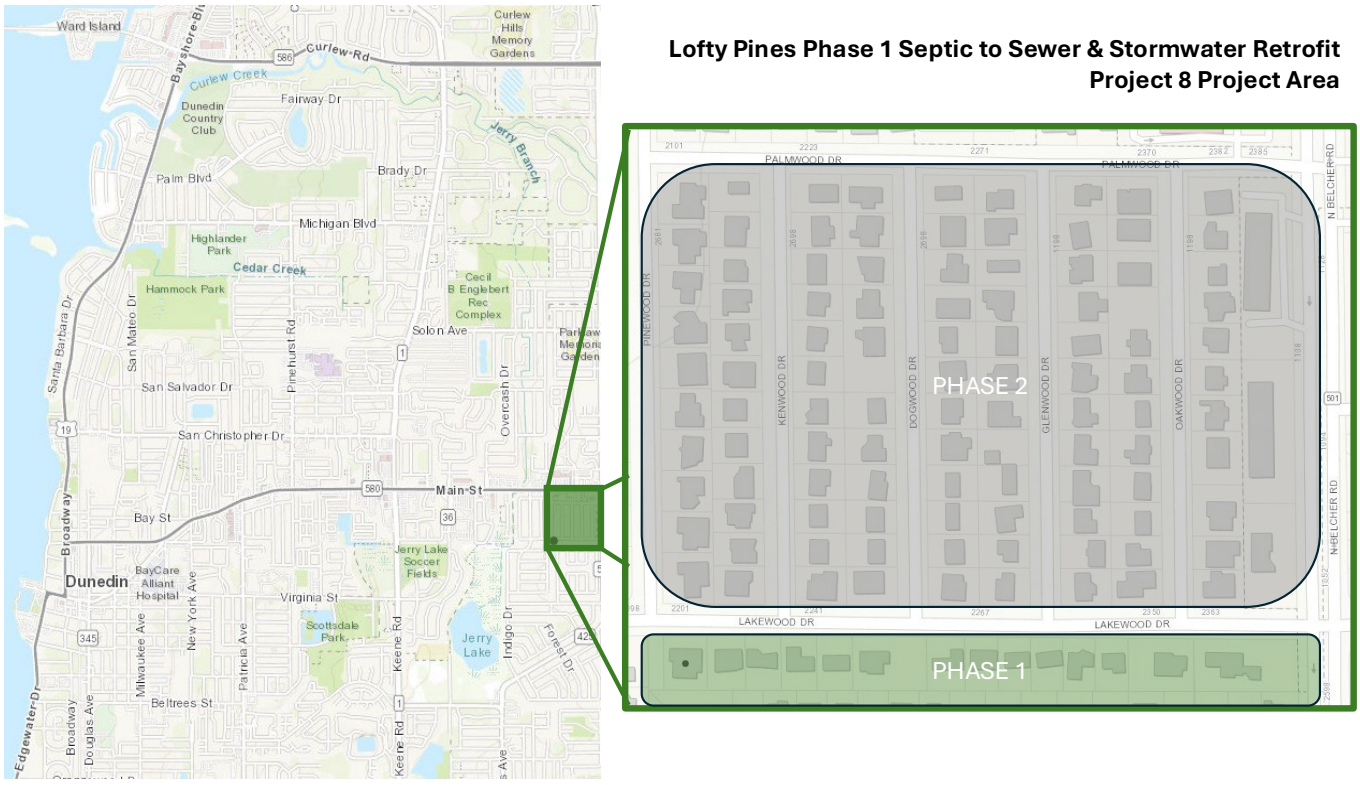
Need: Pinellas County, in partnership with the City of Dunedin, has identified that aging onsite sewage systems in the Lofty Pines Subdivision are significantly contributing to water quality impairment within the Curlew Creek watershed. Curlew Creek discharges to the Gulf Coast Intracoastal Waterway.

Purpose: The ability to offset costs for residents who connect to the new centralized sewer system will help ensure septic tank abandonment ensure public health concerns and bacteria pollution sources are addressed within the watershed.

Milestones: The number of parcel connections to the centralized services and the number of decommissioned septic tanks are the anticipated milestones.

Criteria: Success is likely to be realized in the long-term as the watershed recovers with eliminating any of these on-site sewage system pollution sources along with an increased level of service to residents.

Project No. 8 Lofty Pines Septic Tank Abandonment Lakewood Drive Parcel Map



RESTORE ACT Direct Component Multiyear Plan Matrix — Department of the Treasury OMB Approval No. 1505-0250

Applicant Name:	Pinellas County Board of County Commissioners								
1. MULTIYEAR PLAN VERSION (INITIAL OR AMENDMENT NUMBER):		1	**2a. DATE OF INITIAL MULTIYEAR PLAN ACCEPTANCE (mm/dd/yyyy):**			12/7/2015	**2b. DATE OF LAST MULTIYEAR PLAN ACCEPTANCE:**		12/7/2015
3. CUMULATIVE DIRECT COMPONENT ALLOCATION AVAILABLE FOR DISTRIBUTION TO APPLICANT:			$6,783,515.01	**4. TOTAL ALLOCATIONS PLUS KNOWN FUNDS NOT YET DEPOSITED IN TRUST FUND FOR DIRECT COMPONENT:**					$10,254,295.72
5. Primary Direct Component Eligible Activity Further Described in Application (Static Field)	**6. Activity Title (Static Field)**	**7. Location (Static Field)**	**8. Estimated Total Funding Contributions For Proposed Activity(ies)(refer to Instructions)**				**9. Proposed Start Date mm/dd/yyyy**	**10. Proposed End Date mm/dd/yyyy**	**11. Status (refer to Instructions)**
			8a. Direct Component Contribution	**8b. Other RESTORE Act Contribution**	**8c. Other Third Party Contribution**	**8d. Total Contribution**			
Planning assistance	Pinellas County Assessment of Vulnerability to the Impacts of Sea Level Rise and Infrastructure Resiliency Plan (RDCGR200013)	Pinellas County, Florida	$300,000.00	$0.00	$229,953.95	$529,953.95	10-2016	10-2021	Initial MIP; Activity Funded. Closeout Completed.
Planning assistance	Coastal Ocean Monitoring and Prediction System (RDCGR200008)	Pinellas County, Florida	$233,934.00	$0.00	$0.00	$233,934.00	08-2016	03-2020	Initial MIP; Activity Funded. Closeout Completed
Planning assistance	Coastal Ocean Monitoring and Prediction System (RDCGR200008)	Pinellas County, Florida	-$153.73	$0.00	$0.00	-$153.73	08-2016	03-2020	Initial MIP; deobligated $153.73 of Federal Funds; new total of $233,780.27 for project reflected at closeout
Planning assistance	A Very High Resolution Estuary Circulation Nowcast/Forecast Model for Tampa Bay and Vicinity (RDCG200012)	Pinellas County, Florida	$479,493.00	$0.00	$0.00	$479,493.00	09-2016	05-2021	Initial MIP; Activity Funded. Closeout Completed
Planning assistance	A Very High Resolution Estuary Circulation Nowcast/Forecast Model for Tampa Bay and Vicinity (RDCG200012)	Pinellas County, Florida	-$1,747.45	$0.00	$0.00	-$1,747.45	09-2016	05-2021	Initial MIP; deobligated $1.747.45 of Federal Funds; new total of $477,745.55 for project reflected at closeout.
Restoration and protection of the natural resources, ecosystems, fisheries, marine and wildlife habitats, beaches, and coastal wetlands of the Gulf Coast Region	Fort De Soto Park Dune Walkovers (RDCGR00015)	Pinellas County Gulf Coast, Florida	$534,890.00	$0.00	$0.00	$534,890.00	11-2016	12-2020	Initial MIP; Activity Funded. Closeout Completed
Restoration and protection of the natural resources, ecosystems, fisheries, marine and wildlife habitats, beaches, and coastal wetlands of the Gulf Coast Region	Fort De Soto Park Dune Walkovers (RDCGR00015)	Pinellas County Gulf Coast, Florida	-$35,501.75	$0.00	$0.00	-$35,501.75	11-2016	12-2020	Initial MIP; deobligated $35,501.75 of Federal Funds; new total of $495,388.25 for project reflected at closeout.
Restoration and protection of the natural resources, ecosystems, fisheries, marine and wildlife habitats, beaches, and coastal wetlands of the Gulf Coast Region	Philippe Park Seawall Enhancement Segments 1 & 2 Construction	Safety Harbor Basin within the Old Tampa Bay Estuary and Tampa Bay Watershed	$904,500.00	$0.00	$0.00	$904,500.00	10-2026	06-2026	Amendment 1; New Activity
Infrastructure projects benefitting the economy or ecological resources, including port infrastructure	Septic-to-Sewer Improvements: Keystone Ranchettes Phase 1A & 1B	Northern Pinellas County within the Lake Tarpon basin and Tampa Bay Estuary Watershed	$2,814,515.00	$0.00	$2,814,515.00	$5,629,030.00	10-2026	06-2028	Amendment 1; New Activity
Promotion of tourism in the Gulf Coast Region, including recreational fishing	Fort De Soto Shoreline Protection	Southern Pinellas County in Boca Ciega Bay with connection to Tampa Bay and Gulf Coast	$3,224,926.00	$0.00	$0.00	$3,224,926.00	10-2029	12-2029	Amendment 1; New Activity Project application dependent on anticipated 2029 annual deposit of funds
Mitigation of damage to fish, wildlife, and natural resources	Septic-to-Sewer Improvements: Lofty Pines Phase 1 Septic Tank Abandonment	Central Pinellas County in the Curlew Creek basin and connection to the Gulf Coast Intracoastal Waterway	$60,000.00	$0.00	$0.00	$60,000.00	10-2028	09-2029	Amendment 1; New Activity
						$0.00			
						$0.00			
	12. ESTIMATED TOTAL FUNDING CONTRIBUTIONS FOR ACTIVITY(IES) (refer to Instructions)		$8,514,855.07	$0.00	$3,044,468.95	$11,559,324.02	**Please note: Grant awards may reflect non-material changes in proposed dates and estimated funding.**		

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 1505-0250. Comments concerning the time required to complete this information collection, including the time to review instructions, search existing data resources, gathering and maintaining the data needed, and completing and reviewing the collection of information, should be directed to the Department of the Treasury, Office of Gulf Coast Restoration, 1500 Pennsylvania Ave., NW, Washington, DC 20220.