

RESTORE ACT Direct Component Multiyear Plan Narrative

Department of the Treasury

OMB Approval No. 1505-0250

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

Multiyear Plan Version (Initial or Amendment Number):	Amendment #4
Date of Initial Multiyear Plan Acceptance:	May 19, 2016
Date of Last Multiyear Plan Acceptance:	June 19, 2019

Eligible Applicant Name:	Mississippi Department of Environmental Quality
Name and Contact Information of the Person to be contacted (POC) on matters concerning this Multiyear Implementation Plan:	
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NARRATIVE DESCRIPTION:

1. A description of each activity, including the need, purpose, objective(s), milestones and location. Include map showing the location of each activity.

A map showing the location of each activity is attached as Exhibit A. This fourth amendment to Mississippi's Multiyear Implementation Plan (MIP) adds six new projects (Activities 28, 29, 30, 31, 32, 33) and modifies four projects previously accepted on the Initial MIP and subsequent amendments (Activities 3, 11, 12, 13), which are only modified to the extent described below. Projects may start earlier or later than the proposed start dates depending on the availability of funds and readiness of the project.

Activity #3: Improved Fiber Optic Infrastructure (Removed)

This project was accepted under Mississippi's Initial MIP to provide additional infrastructure that will benefit the economy of the Mississippi Gulf Coast Region by identifying the needs to improve fiber optic infrastructure and applicable solutions within the region. The Mississippi Department of Environmental Quality (MDEQ) has received a planning assistance award from the U.S. Department of the Treasury (Treasury) for this project. As a result of planning activities performed, the state of Mississippi will not implement applicable infrastructure solutions.

Project Modification:

Amendment #4 removes this project from Mississippi's MIP. The grant will be closed out and remaining funds will be deobligated.

Activity #11: Planning Assistance – MIP Amendment Development (Modified)

This project was accepted under Mississippi's Initial MIP to provide planning assistance to support MDEQ in the development of multiple MIP amendments. MDEQ has received a planning assistance award from Treasury for this project. The proposed project modification includes an increase in funding to the existing planning assistance award to support MDEQ in the development of future MIP amendments. There is no modification to the project description, Need, Purpose or Objective as outlined and accepted in the Initial and amended MIPs.

Project Modification:

This project budget is being modified to increase the Direct Component funding by \$500,000. This \$500,000 increase in funding is needed to support MDEQ's development of future MIP amendments under this activity's grant scope of work. This funding increase is a current estimate based upon continuing refinement of level of effort for MIP amendment development to date (this is the fourth MIP amendment and one additional MIP amendment is anticipated under the current award).

Activity #12: Mississippi Gulf Coast Water Quality Improvement Program (Modified)

This program was accepted under Mississippi's MIP Amendment #1. MDEQ has received a grant award from Treasury for this program. MDEQ has executed subaward agreements for implementation of two water quality improvement projects, with additional projects currently under development. There is no modification to the program description, Need, Purpose or Objective as outlined and accepted in Mississippi's MIP Amendment #1.

Project Modification:

The program budget is being modified to increase the Direct Component funding by \$1,000,000 to support implementation of additional water quality improvement projects consistent with the program description, Need, Purpose and Objective as accepted in MIP Amendment #1.

Activity #13: University of Southern Mississippi Oyster Hatchery and Research Center (Modified)

This project was accepted under MIP Amendment #1 and modified under MIP Amendment #3, amending the project from the acquisition of an existing oyster hatchery to the development of an oyster hatchery and research center at the University of Southern Mississippi's Gulf Coast Research Laboratory (USM GCRL) at Cedar Point in Ocean Springs, MS. There is no modification to the project description, Need, Purpose or Objective as outlined and accepted in MIP Amendment #3.

Project Modification:

The project budget is being modified to increase the Direct Component funding by \$4,400,000 to support development of the oyster hatchery and research center based on current cost estimates developed through the architectural design and planning/due diligence activities conducted by USM since acceptance of MIP Amendment #3. Direct Component funds will also be used for project oversight and management activities and the development, coordination, and execution of the grant award between MDEQ and Treasury and sub-award between MDEQ and the sub-recipient. USM will be responsible for any development and construction costs exceeding the Direct Component allocation.

Activity #28: Buccaneer State Park Improvements**Project Summary:**

This proposed project will support improvements on state parks located in coastal areas by enhancing Buccaneer State Park in Hancock County.

Buccaneer State Park is Mississippi's only state park with direct access to the Gulf of Mexico. Located in Hancock County, the park is situated on approximately 400 acres, offering beach access, nature trails, recreational vehicle campsites, a waterpark and other amenities for tourists and residents. The improvements will enhance the park as a regional ecotourism and recreational asset to benefit the regional tourism economy. Hancock County, in coordination with the Mississippi Department of Wildlife Fisheries and Parks, has identified priority park upgrades. These priorities include: 1) waterpark area enhancements; 2) campsite additions and improvements; and 3) ecotourism and family entertainment upgrades.

This proposed project will support implementation of park improvements and activities such as planning, engineering and design, and permitting. Direct Component funds will also be used for project oversight and management activities and the development, coordination, and execution of the grant award between MDEQ and Treasury and sub-award between MDEQ and the sub-recipient.

This proposed project aligns with the tourism priorities developed by the GoCoast 2020 Commission.

Need: Improvements to Buccaneer State Park are needed to enhance tourism and recreational opportunities in the Mississippi Gulf Coast region.

Purpose: The purpose of this project is to support improvements to Buccaneer State Park.

Objective: Implement improvements to Buccaneer State Park.

Milestones:

Conduct Risk Assessment of Sub-Recipient
Execute Sub-Award Agreement
Completion of Planning for Improvements
Completion of Procurement Activities
Initiation of Improvements
Completion of Improvements

Location: Hancock County, Mississippi

Activity #29: Biloxi Point Cadet Marina**Project Summary:**

This proposed project will support infrastructure benefitting the economy of the Gulf Coast Region by improving the City of Biloxi's Point Cadet Marina to stimulate additional economic activity and redevelopment.

The Point Cadet Marina is an important asset to the tourism economy, supporting recreational and sports tourism activities such as offshore charter fishing and Mississippi's largest deep-sea sport fishing tournament, the Billfish Classic. The annual Billfish Classic has a significant economic impact on the tourism economy attracting national and international teams. The marina is surrounded by world class resorts offering more than 5,000 hotel rooms and has the ability, with improvements, to drive more tourism economic activity and be a leading deep-sea fishing tournament destination. Point Cadet Marina improvements are a component of the City's efforts to improve waterfront access and amenities in East Biloxi in order to enhance the tourist experience in the area and improve quality of life for local residents.

This proposed project will support infrastructure improvements to the Point Cadet Marina such as marina amenities, fuel dock, office, and parking improvements, and any necessary planning, engineering and design, and permitting. Direct Component funds will also be used for project oversight and management activities and the development, coordination, and execution of the grant award between MDEQ and Treasury and sub-award between MDEQ and the sub-recipient.

This proposed project aligns with the tourism priorities developed by the GoCoast 2020 Commission.

Need: The Point Cadet Marina is nearly 35 years old and needs improvements to support an increase in economic activity through sport fishing events and enhanced recreational opportunities for tourists and local residents.

Purpose: The purpose of this project is to improve Point Cadet Marina to support an increase in economic and tourism activity in East Biloxi.

Objective: Implement infrastructure improvements to Point Cadet Marina to benefit the economy of the Mississippi Gulf Coast Region.

Milestones:

Conduct Risk Assessment of Sub-Recipient
Execute Sub-Award Agreement
Completion of Planning for Improvements
Completion of Procurement Activities
Initiation of Improvements
Completion of Improvements

Location: Harrison County, Mississippi

Activity #30: City of Moss Point Interstate 10 Commercial Corridor Improvements

Project Summary:

This proposed project will support infrastructure benefitting the economy of the Gulf Coast Region through transportation network improvements in the commercial district near the Interstate 10 (I-10) and Highway 63 interchange in Moss Point, MS. Roadway infrastructure and traffic flow improvements will benefit the economy by enhancing access to existing businesses and supporting additional commercial development.

The Mississippi Gulf Coast has experienced significant growth along the I-10 corridor. Improving the transportation network in the City of Moss Point's I-10 commercial district has been identified as a priority to stimulate additional economic activity in the city. Moss Point's I-10 commercial district is bound on the east and west by two major north-south connectors (Highway 63 and Highway 613). This area has experienced growth over the years but the discontinuity and capacity of the existing road network limits the potential to attract additional commercial activity. Improvements to the road network in this area will also improve traffic circulation, reduce congestion and enhance traveler safety. Planning activities will identify needed improvements. Based on the City of Moss Point's preliminary planning efforts, roadway improvements would include activities such as intersection improvements and realignment, installation of traffic signal(s), existing roadway widening and construction of connections between existing roadways.

This proposed project will support implementation of roadway infrastructure improvements, and any necessary planning, engineering and design, and permitting. Direct Component funds will also be used for project oversight and management activities and the development, coordination, and execution of the grant award between MDEQ and Treasury and sub-award between MDEQ and the sub-recipient.

This proposed project aligns with the economic development and infrastructure priorities developed by the GoCoast 2020 Commission.

Need: Roadway infrastructure improvements are needed in the City of Moss Point's I-10 commercial corridor to improve access to existing businesses, support additional commercial activity, enhance traveler safety and reduce congestion.

Purpose: The purpose of this project is to improve the transportation network in City of Moss Point's I-10 commercial corridor to enhance the ability to stimulate additional economic activity in the area.

Objective: Implement improvements to the City of Moss Point's I-10 commercial district to benefit the economy of the Mississippi Gulf Coast Region.

Milestones:

- Conduct Risk Assessment of Sub-Recipient
- Execute Sub-Award Agreement
- Completion of Planning for Improvements
- Completion of Procurement Activities
- Initiation of Improvements
- Completion of Improvements

Location: Jackson County, Mississippi

Activity #31: Mississippi State University Northern Gulf Aquatic Food Research Center

Project Summary:

This proposed project will support infrastructure benefitting the economy and ecological resources of the Gulf Coast Region by supporting Mississippi State University's (MSU) planning and construction of a Gulf seafood research center. The Northern Gulf Aquatic Food Research Center (Center) will enhance seafood safety, quality assurance, and product development to benefit the seafood industry and economy of the Northern Gulf Coast Region.

In recent decades, the seafood industry along the Mississippi Gulf Coast and Northern Gulf of Mexico region has experienced numerous natural and man-made catastrophic setbacks. These events have simultaneously reduced seafood harvest, created water quality and food safety concerns, and altered consumer perceptions and market demand for Gulf seafood products, creating negative economic impacts. To respond to these events and restore consumer confidence and market share for Gulf products, there exists an unmet need for local and rapid quality assurance and safety testing for all aquatic food products and development of value-added products. Currently, limited access to such capabilities requires shipping products multiple states away for food safety analyses. MSU will develop this Center to address these capacity needs and promote collaboration between university aquatic food researchers, federal and state agencies and commercial partners.

This proposed project will support activities for development of the Center such as planning, engineering and design, permitting, and construction of the analytical seafood safety laboratory for the Center. Direct Component funds will also be used for project oversight and management activities and the development, coordination, and execution of the grant award between MDEQ and Treasury and sub-award between MDEQ and the sub-recipient.

This project aligns with the seafood and research and education priorities developed by the GoCoast 2020 Commission.

Need: The Mississippi Gulf Coast Region currently lacks a facility with Food and Drug Administration certified testing and the needed capacity focused on seafood safety, quality assurance and product development to support the seafood industry.

Purpose: The purpose of this project is to increase capacity, leveraging MSU food science capabilities to support the Gulf seafood industry and benefit the economy.

Objective: Assist MSU in implementation of planning activities for the Center and construction of the analytical seafood safety testing laboratory.

Milestones:

- Conduct Risk Assessment of Sub-Recipient
- Execute Sub-Award Agreement
- Completion of Planning Activities
- Completion of Procurement Activities
- Initiation of Construction (Analytical Seafood Safety Laboratory)
- Completion of Construction

Location: Mississippi Gulf Coast Region (specific site to be determined during planning activities)

Activity #32: Mississippi Gulf Coast Community College Center for Security and Emerging Technologies

Project Summary:

This proposed project will support infrastructure benefitting the economy of the Gulf Coast Region by supporting Mississippi Gulf Coast Community College's (MGCCC) construction of an advanced technology workforce training center to enhance regional workforce training capacity in high-tech information systems technologies.

The Mississippi Gulf Coast faces a shortage of a well-trained Information Technology (IT) workforce. Based on the input from and identified needs of key regional industry sectors, MGCCC will develop The Center for Security and Emerging Technology (CSET) to provide the high-tech workforce training needed to support existing industry, economic expansion and innovation with requisite training in emerging technologies, such as Cybersecurity, Coding, Artificial Intelligence (AI), Virtual Reality (VR)/Augmented Reality (AR), and Simulation. MGCCC will develop a facility that can house cutting edge high-tech training programs on MGCCC's Jefferson Davis Campus in Gulfport, MS.

This proposed project will support the construction of this facility and activities such as planning, engineering and design, permitting, and construction. Direct Component funds will also be used for project oversight and management activities and the development, coordination, and execution of the grant award between MDEQ and Treasury and sub-award between MDEQ and the sub-recipient.

This proposed project aligns with the workforce and economic development priorities developed by the GoCoast 2020 Commission.

Need: The Mississippi Gulf Coast needs to increase workforce training capacity in advanced information technologies to meet the needs of current employers and support economic expansion.

Purpose: The purpose of this project is to improve the infrastructure capacity of MGCCC to provide advanced information technologies training to support current employers and economic expansion.

Objective: Assist MGCCC with the construction of the Center for Security and Emerging Technologies to benefit the economy.

Milestones:

- Conduct Risk Assessment of Sub-Recipient
- Execute Sub-Award Agreement
- Completion of Planning Activities
- Completion of Procurement Activities
- Initiation of Construction
- Completion of Construction

Location: Harrison County, Mississippi

Activity #33: University of Southern Mississippi Ocean Enterprise Entrepreneurship Program

Project Summary:

This proposed project will support workforce development and job creation in the Gulf Coast Region by supporting the University of Southern Mississippi's (USM) development and implementation of a new Ocean Enterprise Entrepreneurship Program. This new Program will contribute to workforce development and job creation by establishing a combined degree program in both Ocean Engineering and Business to encourage entrepreneurship and economic growth.

This new Program is being developed to support USM and the State of Mississippi's comprehensive regional strategy and investments to establish the Mississippi Gulf Coast as a national leader in ocean science and engineering and maritime technology development, testing, evaluation and training. The Ocean Enterprise Entrepreneurship Program will be designed to identify, train, and develop undergraduate students to become entrepreneurs in the field of Ocean Engineering. The Ocean Enterprise Entrepreneurship Program will blend engineering and business classes to train students in advanced concepts in both disciplines. Students will develop the skills necessary to be successful at identifying opportunities, developing responses, and implementing solutions. Conceptually, it is anticipated that students who declare an interest in the Ocean Enterprise Entrepreneurship Program will complete the existing Ocean Engineering Bachelor of Science curriculum and then enter the USM Master of Business Administration (MBA) program.

This proposed project will support Program planning and development (e.g., curriculum development) and implementation. Program planning and development activities will identify the Direct Component-eligible programmatic support for implementation of the Ocean Enterprise Entrepreneurship Program, such as hiring instructors and student recruitment. Direct Component funds will also be used for project oversight and management activities and the development, coordination, and execution of the grant award between MDEQ and Treasury and sub-award between MDEQ and the sub-recipient.

This proposed project aligns with the workforce and economic development priorities developed by the GoCoast 2020 Commission.

Need: To support USM and the State of Mississippi's efforts to grow the economy through ocean science and engineering and maritime technology development, a program is needed to foster entrepreneurship by training students in both ocean engineering and business.

Purpose: The purpose of this project is to develop a combined degree program within existing USM units that will provide training and education in both Ocean Engineering and Business Principles.

Objective: Support development and implementation of the USM Ocean Enterprise Entrepreneurship Program to provide workforce training and job creation in the Gulf Coast Region.

Milestones:

Conduct Risk Assessment of Sub-Recipient
Execute Sub-Award Agreement
Completion of Planning and Program Development
Initiation of Program Implementation Activities
Completion of Program Implementation Activities

Location: Harrison County, Mississippi

2. How the applicant made the multiyear plan available for 45 days for public review and comment, in a manner calculated to obtain broad-based participation from individuals, businesses, Indian tribes, and non-profit organizations, such as through public meetings, presentations in languages other than English, and postings on the Internet. The applicant will need to submit documentation (e.g., a copy of public notices) to demonstrate that it made its multiyear plan available to the public for at least 45 days. In addition, describe how each activity in the multiyear plan was approved after consideration of all meaningful input from the public and submit documentation (e.g., a letter from the applicant's leadership approving submission of the multiyear plan to Treasury or a resolution approving the applicant's multiyear plan).

Prior to submission to Treasury, MIP Amendment #4 will be published and made available for public comment and review for a minimum of forty-five (45) days to obtain broad-based participation from individuals, businesses, Indian tribes and nonprofit organizations. Each activity on MIP Amendment #4 will be adopted after consideration of all meaningful input in accordance with 31 C.F.R § 34.303(a)(8-9). MIP Amendment #4 will then be submitted to Treasury for review and acceptance.

3. How each activity included in the applicant's multiyear plan narrative meets all the requirements under the RESTORE Act, including a description of how each activity is eligible for funding based on the geographic location of each activity and how each activity qualifies for at least one of the eligible activities under the RESTORE Act.

Activity #11: Planning Assistance – MIP Amendment Development: This project is located in the Gulf Coast Region as defined by 31 C.F.R. §34.2, as each severable part of the activity is primarily designed to restore or protect that geographic area. This project qualifies as an eligible activity for Direct Component funding through 31 C.F.R. §34.201(j) - planning assistance and through 33 U.S.C. §1321(t)(1)(B)(i)(VIII) of the RESTORE Act. This activity will be implemented by the Mississippi Department of Environmental Quality and will comply with the definition of planning assistance in 31 C.F.R. §34.2.

Activity #12: Mississippi Gulf Coast Water Quality Improvement Program: This program is located in the Gulf Coast Region as defined by 31 C.F.R. §34.2. This program qualifies as an eligible activity for Direct Component funding through 31 C.F.R. §34.201(a) - restoration and protection of the natural resources, ecosystems, fisheries, marine and wildlife habitats, beaches, and coastal wetlands of the Gulf Coast Region, and 33 U.S.C. §1321(t)(1)(B)(i)(I) of the RESTORE Act. This program will be implemented by the Mississippi Department of Environmental Quality; individual projects within the program may be implemented by eligible sub-recipients. Best Available Science: Sustainability of water quality in receiving water bodies requires a science-based approach to discovering source loads. Source tracking, geospatial

analysis, and potentially associated modelling approaches will provide the mechanism to identify load sources. Advanced systems engineering will be utilized in implementation to ensure repairs, upgrades, or construction will deliver the maximum sustainable water quality improvement.

Activity #13: University of Southern Mississippi Oyster Hatchery and Research Center: This project is located in the Gulf Coast Region as defined by 31 C.F.R. §34.2. This project qualifies as an eligible activity for Direct Component funding through 31 C.F.R. §34.201(f) - infrastructure benefitting the economy or ecological resources, and 33 U.S.C. §1321(t)(1)(B)(i)(VI) of the RESTORE Act. This activity will be implemented by the University of Southern Mississippi and will comply with the definition of infrastructure in 31 C.F.R. §34.2.

Activity #28: Buccaneer State Park Improvements: This project is located in the Gulf Coast Region as defined by 31 C.F.R. §34.2. This project will support improvements to Buccaneer State Park; this project qualifies as an eligible activity for Direct Component funding under 31 C.F.R. §34.201(e) – improvements to or on state parks located in coastal areas affected by the *Deepwater Horizon* oil spill, and 33 U.S.C. §1321 (t)(1)(B)(i)(V) of the RESTORE Act. This activity will be implemented by the Mississippi Department of Wildlife Fisheries and Parks.

Activity #29: Biloxi Point Cadet Marina Upgrades: This project is located in the Gulf Coast Region as defined by 31 C.F.R. §34.2. This project will support infrastructure benefitting the economy of the Gulf Coast Region by supporting upgrades to the City of Biloxi's Point Cadet Marina to enhance tourism and economic activity in East Biloxi; this project qualifies as an eligible activity for Direct Component funding under 31 C.F.R. §34.201(f) - infrastructure benefitting the economy or ecological resources, and 33 U.S.C. §1321 (t)(1)(B)(i)(VI) of the RESTORE Act. This activity will be implemented by the City of Biloxi and will comply with the definition of infrastructure in 31 C.F.R. §34.2.

Activity #30: City of Moss Point I-10 Commercial Corridor Improvements: This project is located in the Gulf Coast Region as defined by 31 C.F.R. §34.2. This project will support infrastructure benefitting the economy of the Gulf Coast Region by enhancing access to existing businesses and the ability to support additional commercial development in Moss Point's I-10 commercial district; this project qualifies as an eligible activity for Direct Component funding under 31 C.F.R. §34.201(f) - infrastructure benefitting the economy or ecological resources, and 33 U.S.C. §1321 (t)(1)(B)(i)(VI) of the RESTORE Act. This activity will be implemented by the City of Moss Point and will comply with the definition of infrastructure in 31 C.F.R. §34.2.

Activity #31: Mississippi State University Northern Gulf Aquatic Food Research Center

This project is located in the Gulf Coast Region as defined by 31 C.F.R. §34.2. This project will support infrastructure benefitting the economy or ecological resources of the Gulf Coast Region by supporting MSU's planning for the new Gulf seafood research center and construction of the analytical seafood safety laboratory to support the seafood industry; this project qualifies as an eligible activity for Direct Component funding under 31 C.F.R. §34.201(f) - infrastructure benefitting the economy or ecological resources, and 33 U.S.C. §1321 (t)(1)(B)(i)(VI) of the RESTORE Act. This activity will be implemented by MSU and will comply with the definition of infrastructure in 31 C.F.R. §34.2.

Activity #32: Mississippi Gulf Coast Community College Center for Security and Emerging Technologies

This project is located in the Gulf Coast Region as defined by 31 C.F.R. §34.2. This project will support infrastructure benefitting the economy of the Gulf Coast Region by supporting MGCCC's construction of an advanced technology workforce training center to enhance regional workforce training capacity in high-tech information systems technologies; this project qualifies as an eligible activity for Direct Component funding under 31 C.F.R. §34.201(f) - infrastructure benefitting the economy or ecological resources, and 33 U.S.C. §1321 (t)(1)(B)(i)(VI) of the RESTORE Act. This activity will be implemented by the MGCCC and will comply with the definition of infrastructure in 31 C.F.R. §34.2.

Activity #33: University of Southern Mississippi Ocean Enterprise Entrepreneurship Program

This project is located in the Gulf Coast Region as defined by 31 C.F.R. §34.2. This project will support workforce development and job creation by supporting USM's development and implementation of a program to train students in both Ocean Engineering and Business; this project qualifies as an eligible activity for Direct Component funding under 31 C.F.R. §34.201(d) - workforce development and job creation, and 33 U.S.C. §1321 (t)(1)(B)(i)(IV) of the RESTORE Act. This activity will be implemented by USM.

4. Criteria the applicant will use to measure the success of the activities included in the multiyear plan narrative in helping to restore and protect the Gulf Coast Region impacted by the Deepwater Horizon oil spill.

Activity #11: Planning Assistance – MIP Amendment Development Measure of Success: No change to the measure of success of this project as accepted on MIP Amendment #3.

Activity #12: Mississippi Gulf Coast Water Quality Improvement Program Measure of Success: No change to the measure of success of this program as accepted on MIP Amendment #1.

Activity #13: University of Southern Mississippi Oyster Hatchery and Research Center Measure of Success: No change to the measure of success of this program as accepted on MIP Amendment #3.

Activity #28: Buccaneer State Park Improvements Measure of Success: Completion of state park improvements.

Activity #29: City of Biloxi Point Cadet Marina Upgrades Measure of Success: Completion of infrastructure upgrades to the Point Cadet Marina benefitting the economy of the Mississippi Gulf Coast Region.

Activity #30: City of Moss Point Interstate 10 Commercial Corridor Improvements Measure of Success: Completion of planning activities and roadway infrastructure improvements in the City of Moss Point's I-10 commercial corridor benefitting the economy of the Mississippi Gulf Coast Region.

Activity #31: Mississippi State University Northern Gulf Aquatic Food Research Center Measure of Success: Completion of planning activities for the Aquatic Food Research Center and completion of construction for the analytical seafood safety laboratory benefitting the seafood industry and economy of the Mississippi Gulf Coast Region.

Activity #32: Mississippi Gulf Coast Community College Center for Security and Emerging Technologies Measure of Success: Completion of planning activities and construction of the MGCCC Center for Security and Emerging Technologies benefitting the economy of the Mississippi Gulf Coast Region.

Activity #33: University of Southern Mississippi Ocean Enterprise Entrepreneurship Program Measure of Success: Completion of program planning and development for the USM Ocean Enterprise Entrepreneurship Program supporting workforce development and job creation in the Mississippi Gulf Coast Region.

5. How the activities included in the multiyear plan narrative were prioritized and list the criteria used to establish the priorities.

The projects were prioritized using the following two (2) criteria:

1. All projects included in MIP Amendment #4 are eligible for RESTORE Act funding under the Direct Component eligible activities for: restoration and protection of natural resources, ecosystems, fisheries, marine and wildlife habitats, beaches, and coastal wetlands of the Gulf Coast Region; improvements to or on state parks located in coastal areas affected by the *Deepwater Horizon* oil spill; infrastructure projects benefitting the economy or ecological resources, including port infrastructure; workforce development and job creation; and planning assistance.
2. Mississippi utilized two stakeholder-driven components to identify and prioritize all projects for inclusion in MIP Amendment #4: The GoCoast 2020 Commission and the Restoration Project Idea Portal. Items (a) through (e) below provide further explanation:
 - (a) Governor Phil Bryant created GoCoast 2020 to serve as an advisory body to the Governor for the allocation of funds received by Mississippi under the RESTORE Act.
 - (b) GoCoast 2020 is comprised of more than one-hundred business and community leaders and elected officials from across the Mississippi Gulf Coast.

- (c) GoCoast 2020 formed eight committees that focused on eight key areas related to the activities specified in the RESTORE Act (eco-restoration, economic development, infrastructure, research and education, seafood, small business, tourism, and workforce development).
- (d) GoCoast 2020 produced a report with recommendations and priorities for selecting projects under the Direct Component. See the GoCoast 2020 Final Report for additional information at <http://www.gocoast2020.com/gocoast-2020-final-report/>.
- (e) GoCoast 2020 chairmen developed recommendations for these projects by reviewing project ideas that had been submitted in the Restoration Project Idea Portal against previously developed priorities and criteria. Each of the projects identified in MIP Amendment #4 were developed and informed directly from a project (or projects) submitted in the Restoration Project Idea Portal.

Additionally, preliminary due diligence performed on each project included a review of anticipated project activities and estimates of costs, reasonableness, and compliance with applicable rules, laws, and regulations.

6. If applicable, describe the amount and current status of funding from other sources (e.g., other RESTORE Act contribution, other third-party contribution) and provide a description of the specific portion of the project to be funded by the RESTORE Act Direct Component.

Activity #3: Improved Fiber Optic Infrastructure: This project was accepted under Mississippi's Initial MIP. MDEQ is removing this project from the MIP through MIP Amendment #4 and remaining funds will be deobligated.

- Accepted project cost (Initial MIP): \$5,000,000
- Funding change proposed: \$4,950,000 decrease
- Total RESTORE Direct Component Funding: \$50,000
- Total estimated project cost: \$50,000

Activity #11: Planning Assistance – MIP Amendment Development: Direct Component funds will be used to provide planning assistance for the identification and evaluation of projects, programs, and activities and the development of MIP amendments, as needed. Direct Component funds will also be used for project oversight and management activities and the development, coordination, and execution of the grant award between MDEQ and Treasury. No other funding sources are anticipated at this time.

- Accepted project cost (MIP Amendment #3): \$1,900,000
- Funding change proposed: \$500,000 increase
- Total RESTORE Direct Component Funding: \$2,400,000
- Total estimated project cost: \$2,400,000

Activity #12: Mississippi Gulf Coast Water Quality Improvement Program: Direct Component funds will be used in support of construction of new or repairing/upgrading stormwater, and/or wastewater system projects, and monitoring activities. Direct Component funds will also be used for project oversight and management activities and the development, coordination, and execution of the grant award between MDEQ and Treasury and sub-award between MDEQ and any subrecipients. No other funding sources are anticipated at this time.

- Accepted program cost (MIP Amendment #1): \$11,000,000
- Funding change proposed: \$1,000,000 increase
- Total RESTORE Direct Component Funding: \$12,000,000
- Total estimated program cost: \$12,000,000

Activity #13: University of Southern Mississippi Oyster Hatchery and Research Center: Direct Component funds will be used for hatchery construction and activities such as engineering and design, permitting, and necessary equipment purchases. Direct Component funds will also be used for project oversight and management activities and the development, coordination, and execution of the grant award between MDEQ and Treasury and sub-award between MDEQ and the sub-recipient.

- Accepted project cost (MIP Amendment #3): \$7,700,000
- Funding change proposed: \$4,400,000 increase
- Total estimated project cost: \$14,600,000
- Total RESTORE Direct Component Funding: \$12,100,000
- Non-RESTORE Leveraged Funding by USM Estimate: \$2,500,000

Activity #28: Buccaneer State Park Improvements: Direct Component funds will be used for implementation of Buccaneer State Park improvements and activities such as planning, engineering and design, and permitting. Direct Component funds will also be used for project oversight and management activities and the development, coordination, and execution of the grant award between MDEQ and Treasury and sub-award between MDEQ and the sub-recipient. No other funding sources are anticipated at this time.

- Total estimated project cost: \$1,100,000
- Total RESTORE Direct Component Funding: \$1,100,000

Activity #29: Biloxi Point Cadet Marina Upgrades: Direct Component funds will be used to support implementation/construction of Point Cadet Marina infrastructure upgrades and activities such as planning, engineering and design, and permitting. Direct Component funds will also be used for project oversight and management activities and the development, coordination, and execution of the grant award between MDEQ and Treasury and sub-award between MDEQ and the sub-recipient. No other funding sources are anticipated at this time.

- Total estimated project cost: \$3,300,000
- Total RESTORE Direct Component Funding: \$3,300,000

Activity #30: City of Moss Point Interstate 10 Commercial Corridor Improvements: Direct Component funds will support implementation/construction of roadway infrastructure improvements and activities such as planning, engineering and design and permitting. Direct Component funds will also be used for project oversight and management activities and the development, coordination, and execution of the grant award between MDEQ and Treasury and sub-award between MDEQ and the sub-recipient. No other funding sources are anticipated at this time.

- Total estimated project costs: \$3,300,000
- Total RESTORE Direct Component Funding: \$3,300,000

Activity #31: Mississippi State University Northern Gulf Aquatic Food Research Center: Direct Component funds will be used to support construction of the analytical seafood safety laboratory and activities such as planning, engineering and design, and permitting. Direct Component funds will also be used for project oversight and management activities and the development, coordination, and execution of the grant award between MDEQ and Treasury and sub-award between MDEQ and the sub-recipient.

- Total estimated project cost: \$6,300,000
- Total RESTORE Direct Component Funding: \$3,300,000
- Non-RESTORE Leveraged Funding by MSU Estimate: \$3,000,000

Activity #32: Mississippi Gulf Coast Community College Center for Security and Emerging Technologies: Direct Component funds will support construction of the workforce training center and activities such as planning, engineering and design and permitting. Direct Component funds will also be used for project oversight and management activities and the development, coordination, and execution of the grant award between MDEQ and Treasury and sub-award between MDEQ and the sub-recipient.

- Total estimated project costs: \$7,300,000
- Total RESTORE Direct Component Funding: \$3,300,000
- Non-RESTORE Leveraged Funding by MGCCC Estimate: \$4,000,000

Activity #33: University of Southern Mississippi Ocean Enterprise Entrepreneurship Program: Direct Component funds will be used to support program planning and development (e.g., curriculum development) and implementation of the USM Ocean Enterprises Entrepreneurship Program. Direct Component funds will also be used for project oversight and management activities and the development, coordination, and execution of the grant award between MDEQ and Treasury and sub-award between MDEQ and the sub-recipient.

- Total estimated project cost: \$1,100,000
- Total RESTORE Direct Component Funding: \$1,100,000

RESTORE ACT Direct Component Multiyear Plan Matrix									OMB Approval No. 1505-0250		
Applicant Name:		Mississippi Department of Environmental Quality									
1. MULTIYEAR PLAN VERSION (INITIAL OR AMENDMENT NUMBER):		Amendment #4	2a. DATE OF INITIAL MULTIYEAR PLAN ACCEPTANCE (mm/dd/yyyy):			5/19/2016	2b. DATE OF LAST MULTIYEAR PLAN ACCEPTANCE:			6/19/2019	
3. CUMULATIVE DIRECT COMPONENT ALLOCATION AVAILABLE FOR DISTRIBUTION TO APPLICANT:			\$119,172,384.84			4. TOTAL ALLOCATIONS PLUS KNOWN FUNDS NOT YET DEPOSITED IN TRUST FUND FOR DIRECT COMPONENT:				\$371,995,127.20	
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					
Infrastructure projects benefitting the economy or ecological resources, including port infrastructure	Activity #1: Stennis International Airport Hangar	Kiln, Mississippi	\$ 2,000,000.00	\$ -	\$ 2,075,000.00	\$ 4,075,000.00	07/01/2016	07/01/2020	Activity Accepted (Initial MIP), Application Submitted, and Activity Funded		
Infrastructure projects benefitting the economy or ecological resources, including port infrastructure	Activity #2: Port Bienville Trans-Loading Terminal Facility Completion	Bay St. Louis, Mississippi	\$ 8,000,000.00	\$ -	\$ 775,000.00	\$ 8,775,000.00	05/01/2017	09/01/2019	Activity Accepted (Initial MIP), Application Submitted, and Activity Funded		
Infrastructure projects benefitting the economy or ecological resources, including port infrastructure	Activity #3: Improved Fiber Optic Infrastructure	Jackson, Harrison and Hancock Counties, Mississippi	\$ 5,000,000.00	\$ -	\$ -	\$ 5,000,000.00	12/01/2016	11/30/2021	Activity Accepted (Initial MIP), Application Submitted, and Activity Partially Funded		
Infrastructure projects benefitting the economy or ecological resources, including port infrastructure	Activity #3: Improved Fiber Optic Infrastructure	Jackson, Harrison and Hancock Counties, Mississippi	\$ (4,950,000.00)	\$ -	\$ -	\$ (4,950,000.00)	12/01/2016	12/31/2019	Activity Amended (Amendment #4) project removed from MIP. Award will be closed out and funding deobligated.		
Promotion of tourism in the Gulf Coast Region, including recreational fishing	Activity #4: Mississippi Aquarium	Gulfport, Mississippi	\$ 17,000,000.00	\$ -	\$ 46,400,000.00	\$ 63,400,000.00	05/01/2017	12/01/2020	Activity Accepted (Initial MIP), Application Submitted, and Activity Funded		
Promotion of tourism in the Gulf Coast Region, including recreational fishing	Activity #4: Mississippi Aquarium	Gulfport, Mississippi	\$ 1,350,000.00	\$ -	\$ (42,250,000.00)	\$ (40,900,000.00)	05/01/2017	12/01/2020	Activity Amended (Amendment #3) to add \$1,350,000 (\$18,350,000 Total). The budget is being modified to focus only on the Community Gallery Building, which is a component of the overall Aquarium complex.		
Infrastructure projects benefitting the economy or ecological resources, including port infrastructure	Activity #5: Jackson County Corridor Connector Road - Phase I	St. Martin/D'Iberville, Mississippi	\$ 10,200,000.00	\$ -	\$ -	\$ 10,200,000.00	12/01/2016	12/01/2019	Activity Accepted (Initial MIP), Application Submitted, and Activity Funded		
Infrastructure projects benefitting the economy or ecological resources, including port infrastructure	Activity #5: Jackson County Corridor Connector Road - Phase I	St. Martin/D'Iberville, Mississippi	\$ 4,800,000.00	\$ -	\$ -	\$ 4,800,000.00	05/01/2019	06/30/2022	Activity Amended (Amendment #3) to add \$4,800,000 (\$15,000,000 Total), to amend scope of work, and to update Proposed Start and End Dates		

Workforce development and job creation	Activity #6: Work Ready Community Program	Long Beach, Mississippi	\$ 4,000,000.00	\$ -	\$ -	\$ 4,000,000.00	01/01/2016	12/01/2020	Activity Accepted (Initial MIP), Application Submitted, and Activity Funded
Workforce development and job creation	Activity #6: Work Ready Community Program	Jackson and Harrison Counties, Mississippi	\$ 5,000,000.00	\$ -	\$ -	\$ 5,000,000.00	05/01/2019	12/31/2021	Activity Amended (Amendment #3) to add \$5,000,000 (\$9,000,000 Total), to modify location, and to update Proposed Start and End Dates
Workforce development and job creation	Activity #7: Accreditation Support for William Carey University School of Pharmacy	Biloxi, Mississippi	\$ 1,000,000.00	\$ -	\$ 3,000,000.00	\$ 4,000,000.00	07/01/2016	12/01/2018	Activity Accepted (Initial MIP), Application Submitted, and Activity Funded
Workforce development and job creation	Activity #8: Off-Bottom Oyster Aquaculture Program	Jackson, Harrison and Hancock Counties, Mississippi	\$ 1,000,000.00	\$ -	\$ -	\$ 1,000,000.00	01/01/2018	12/01/2020	Activity Accepted (Initial MIP), Application Submitted, and Activity Funded
Restoration and protection of the natural resources, ecosystems, fisheries, marine and wildlife habitats, beaches, and coastal wetlands of the Gulf Coast Region	Activity #9: Strategic Stream Restoration	Jackson, Harrison and Hancock Counties, Mississippi	\$ 5,000,000.00	\$ -	\$ -	\$ 5,000,000.00	01/01/2017	01/01/2020	Activity Accepted (Initial MIP), Application Submitted, and Activity Funded
Planning assistance	Activity #10: Planning Assistance - Project Management System	Jackson, Mississippi	\$ 500,000.00	\$ -	\$ -	\$ 500,000.00	07/01/2016	07/31/2021	Activity Accepted (Initial MIP)
Planning assistance	Activity #10: Planning Assistance - Project Management System	Jackson, Mississippi	\$ (500,000.00)	\$ -	\$ -	\$ (500,000.00)			Activity Deleted. Decreased by \$500,000. Total Amount \$0.00. (Amendment #1)
Planning assistance	Activity #11: Planning Assistance - MIP Amendment Development	Jackson, Mississippi	\$ 400,000.00	\$ -	\$ -	\$ 400,000.00	07/01/2016	03/31/2022	Activity Accepted (Initial MIP), Application Submitted, and Activity Funded
Planning assistance	Activity #11: Planning Assistance - MIP Amendment Development	Jackson, Mississippi	\$ 500,000.00	\$ -	\$ -	\$ 500,000.00	07/01/2016	03/31/2022	Activity Accepted (Amendment #1) to add \$500,000 (\$900,000 Total) to expand scope of work and budget, Amendment Submitted, and Activity Funded
Planning assistance	Activity #11: Planning Assistance - MIP Amendment Development	Jackson, Mississippi	\$ 500,000.00	\$ -	\$ -	\$ 500,000.00	07/01/2016	03/31/2022	Activity Amended (Amendment #2) to add \$500,000 (\$1,400,000 Total) to expand budget, Amendment Submitted

Planning assistance	Activity #11: Planning Assistance - MIP Amendment Development	Jackson, Mississippi	\$ 500,000.00	\$ -	\$ -	\$ 500,000.00	05/01/2019	03/31/2022	Activity Amended (Amendment #3) to add \$500,000 (\$1,900,000 Total), Amendment Submitted
Planning assistance	Activity #11: Planning Assistance - MIP Amendment Development	Jackson, Mississippi	\$ 500,000.00	\$ -	\$ -	\$ 500,000.00	05/01/2019	03/31/2022	Activity Amended (Amendment #4) to add \$500,000 (\$2,400,000 Total)
Restoration and protection of the natural resources, ecosystems, fisheries, marine and wildlife habitats, beaches, and coastal wetlands of the Gulf Coast Region	Activity #12: Mississippi Gulf Coast Water Quality Improvement Program	Hancock, Harrison, and Jackson Counties, Mississippi	\$ 11,000,000.00	\$ -	\$ -	\$ 11,000,000.00	08/01/2017	07/31/2022	Activity Accepted (MIP Amendment #1), Application Submitted, and Activity Funded
Restoration and protection of the natural resources, ecosystems, fisheries, marine and wildlife habitats, beaches, and coastal wetlands of the Gulf Coast Region	Activity #12: Mississippi Gulf Coast Water Quality Improvement Program	Hancock, Harrison, and Jackson Counties, Mississippi	\$ 1,000,000.00	\$ -	\$ -	\$ 1,000,000.00	08/01/2017	07/31/2022	Activity Amended (Amendment #4) to add \$1,000,000 (\$12,000,000 Total)
Infrastructure projects benefitting the economy or ecological resources, including port infrastructure	Activity #13: University of Southern Mississippi Oyster Hatchery and Research Center	Perkinston, Stone County, Mississippi	\$ 7,700,000.00	\$ -	\$ -	\$ 7,700,000.00	09/01/2017	12/31/2018	Activity Accepted (MIP Amendment #1), Application Submitted, and Activity Partially Funded
Infrastructure projects benefitting the economy or ecological resources, including port infrastructure	Activity #13: University of Southern Mississippi Oyster Hatchery and Research Center	Perkinston, Stone County, Mississippi	\$ -	\$ -	\$ -	\$ -	01/01/2019	12/31/2021	Activity Amended (MIP Amendment #3) to modify scope
Infrastructure projects benefitting the economy or ecological resources, including port infrastructure	Activity #13: University of Southern Mississippi Oyster Hatchery and Research Center	Jackson County, Mississippi	\$ 4,400,000.00	\$ -	\$ 2,500,000.00	\$ 6,900,000.00	01/01/2019	12/31/2024	Activity Amended (Amendment #4) to add \$4,400,000 (\$12,100,000 Total), and Proposed End Date Updated
Planning assistance	Activity #14: North Rail Connector - Planning Assistance	Jackson County, Mississippi	\$ 550,000.00	\$ -	\$ -	\$ 550,000.00	08/01/2017	07/31/2020	Activity Accepted (MIP Amendment #1), Application Submitted, and Activity Funded
Planning assistance	Activity #15: National Oceans and Applications Research Center (NOARC) - Planning Assistance	Hancock, Harrison, and Jackson Counties, Mississippi	\$ 2,750,000.00	\$ -	\$ -	\$ 2,750,000.00	09/01/2017	08/30/2019	Activity Accepted (MIP Amendment #1), Application Submitted, and Activity Funded
Workforce development and job creation	Activity #16: Salvation Army Center of Hope	Gulfport, Mississippi	\$ 1,320,000.00	\$ -	\$ 4,500,000.00	\$ 5,820,000.00	05/01/2019	04/30/2021	Activity Accepted (MIP Amendment #1), Proposed Start Date Updated

Workforce development and job creation	Activity #16: Salvation Army Center of Hope	Harrison and Jackson Counties, Mississippi	\$ -	\$ -	\$ -	\$ -	05/01/2019	04/30/2021	Activity Amended (MIP Amendment #3) to modify scope and location
Infrastructure projects benefitting the economy or ecological resources, including port infrastructure	Activity #17: Mississippi Coast Coliseum and Convention Center Site Capacity Improvements	Biloxi, Mississippi	\$ 3,520,000.00	\$ -	\$ -	\$ 3,520,000.00	08/01/2017	07/31/2019	Activity Accepted (MIP Amendment #1), Application Submitted, and Activity Funded
Infrastructure projects benefitting the economy or ecological resources, including port infrastructure	Activity #17: Mississippi Coast Coliseum and Convention Center Site Capacity Improvements	Biloxi, Mississippi	\$ 1,350,000.00	\$ -	\$ -	\$ 1,350,000.00	05/01/2019	09/30/2020	Activity Amended (MIP Amendment #3) to add \$1,350,000 (\$4,870,000 Total).
Infrastructure projects benefitting the economy or ecological resources, including port infrastructure	Activity #18: Trent Lott International Airport Runway Improvements	Jackson County, Mississippi	\$ 6,850,000.00	\$ -	\$ -	\$ 6,850,000.00	10/01/2018	09/30/2020	Activity Accepted (MIP Amendment #2)
Infrastructure projects benefitting the economy or ecological resources, including port infrastructure	Activity #19: Harrison County Bulkhead and Dock Construction	Harrison County, Mississippi	\$ 3,400,000.00	\$ -	\$ -	\$ 3,400,000.00	10/01/2018	03/31/2020	Activity Accepted (MIP Amendment #2), Application Submitted, and Activity Funded
Infrastructure projects benefitting the economy or ecological resources, including port infrastructure	Activity #20: Pearl River Community College Workforce Center	Hancock County, Mississippi	\$ 3,000,000.00	\$ -	\$ -	\$ 3,000,000.00	05/01/2019	04/30/2024	Activity Accepted (MIP Amendment #2)
Infrastructure projects benefitting the economy or ecological resources, including port infrastructure	Activity #20: Pearl River Community College Workforce Center	Hancock County, Mississippi	\$ 4,000,000.00	\$ -	\$ -	\$ 4,000,000.00	05/01/2020	04/30/2025	Activity Amended (MIP Amendment #3) to add \$4,000,000 (\$7,000,000 Total)
Planning assistance	Activity #21: Bayou Casotte Industrial Buffer Concept - Planning Assistance	Jackson County, Mississippi	\$ 550,000.00	\$ -	\$ -	\$ 550,000.00	10/01/2018	09/30/2020	Activity Accepted (MIP Amendment #2), Application Submitted, and Activity Funded
Promotion of tourism in the Gulf Coast Region, including recreational fishing	Activity #22: Gulf Coast Tourist Wayfinding and Informational Signage	Hancock, Harrison, and Jackson Counties, Mississippi	\$ 1,100,000.00	\$ -	\$ -	\$ 1,100,000.00	10/01/2018	09/30/2023	Activity Accepted (MIP Amendment #2)
Infrastructure projects benefitting the economy or ecological resources, including port infrastructure	Activity #23: University of Southern Mississippi Marine Research Center	Harrison County, Mississippi	\$ 2,300,000.00	\$ -	\$ -	\$ 2,300,000.00	10/01/2018	03/31/2020	Activity Accepted (MIP Amendment #2), Application Submitted, and Activity Funded
Workforce development and job creation	Activity #24: Gulf Coast Small Business Incubator Capacity Enhancement	Harrison County, Mississippi	\$ 700,000.00	\$ -	\$ -	\$ 700,000.00	10/01/2018	09/30/2020	Activity Accepted (MIP Amendment #2)
Infrastructure projects benefitting the economy or ecological resources, including port infrastructure	Activity #25: Harrison County Rail Line Repair and Upgrades	Harrison County, Mississippi	\$ 2,300,000.00	\$ -	\$ -	\$ 2,300,000.00	10/01/2019	09/30/2021	New Activity (MIP Amendment #3)
Promotion of the consumption of seafood harvested from the Gulf Coast Region	Activity #26: Gulf Seafood Marketing Program	Hancock, Harrison, and Jackson Counties, Mississippi	\$ 400,000.00	\$ -	\$ -	\$ 400,000.00	10/01/2019	09/30/2022	New Activity (MIP Amendment #3)

[illegible]

Exhibit A - MIP Amendment # 4 Project Locations

