

Action Plan

Grantee: New Orleans, LA

Grant: B-13-MS-22-0002

LOCCS Authorized Amount:	\$ 141,260,569.00
Grant Award Amount:	\$ 141,260,569.00
Status:	Reviewed and Approved
Estimated PI/RL Funds:	\$ 0.00
Total Budget:	\$ 141,260,569.00

Funding Sources

Funding Source	Funding Type
FEMA Public Assistance Funds	FEMA Public Assistance
FEMA Hazard Mitigation Funds	FEMA Mitigation

Narratives

Executive Summary:

New Orleans(NOLA) shares with the overall region the physical risks of subsidence, coastal flooding, flooding from intense rainfall events, and loss of power and damage from high-speed wind events. These shocks are exacerbated by the physical stresses of coastal erosion and sea level rise which compound the risk of coastal storm. However, NOLA's resilience needs differ from much of the region in that its social stresses are more extreme. This raises the importance of connecting NOLA's physical resilience with its social resilience by focusing on how flood risk is a matter of environmental justice and how the economic growth potential of physical adaptation can be a driver for building income equality and employment opportunity. Building off of the work of the city's recently released resilience strategy for the city, Resilient New Orleans: Strategic actions to shape our future city, as well as a decade of recovery and resilience planning, the NOLA approach is grounded in the belief that the positive transformation of urban social and physical networks is indelibly linked to local geography and history as a delta city. Future outcomes of improved quality of life, economic prosperity, and reduced disaster risk, particularly for vulnerable communities, will be realized through a multi-faceted and integrated approach for reshaping the urban delta represented in the following four initiatives: 1. Urban Water - transforming water from a threat into an asset in the public realm; 2. Community Adaptation - adapting private property for stormwater management; 3. Reliable Energy and Smart Systems - enhancing grid reliability and asset monitoring; 4. Workforce Development - training local residents in building the water infrastructure of the future city; New Orleans is using NDR funds to implement the city's first ever Resilience District in Gentilly. The area is a prime example of 20th century urban expansion into drained cypress swamps. In many ways, Gentilly is a microcosm of New Orleans and the greater region. Its history as a place of opportunity for low- and moderate-income households and people of color, combined with its elevated environmental risks, make it an ideal place to combine interventions that build equity, reduce risk, and adapt the city to its natural environment. The City of New Orleans is committed to working with community partners to foster widespread public engagement that facilitates community education, empowerment, and behavioral adaptation to help create a social commitment to resilience and "living with water" that is long lasting. Together, decisive and collective action on Urban Water, Community Adaptation, Reliable Energy and Smart Systems, and Workforce Development will assist our most vulnerable communities to meet critical challenges around flood risk, climate change, energy interruptions, and economic wellbeing at the household, district, and citywide levels while also providing a replicable template for other districts and cities. The goal of NDR- funded projects within the Gentilly Resilience District is not just to reduce risk but also to expand access to neighborhoods of opportunity. The New Orleans Affirmatively Fostering Fair Housing Plan (AFFH), adopted in May, 2017, highlights the goal of prioritizing public investments in transit, quality schools, housing, parks and other amenities in underserved communities. The NDR funded projects within this Action Plan seek to improve access to quality park spaces, transportation corridors, and provide quality of life improvements for a primarily low and moderate income community in N.O. that is currently underserved by these amenities. The plan's website: <https://www.nola.gov/community-development/documents/2016-updated-afh-plan>



MID-URN Areas:

In accordance with Appendix B of the NOFA, HUD has defined the MID target area as Orleans Parish. Orleans Parish (City of New Orleans) has remaining unmet recovery needs (URN) related to coastal erosion, energy supply and water management.

While the entire city of New Orleans is identified as the NDRC-eligible MID-URN area, this program is primarily focused on the Gentilly Resilience District, a sub-area within the MID-URN. The Gentilly sub-area of focus presents several unique conditions that demonstrate a concentration of the aforementioned unmet resilience needs and is a priority for building resilience, especially for low- and moderate-income (LMI) households. Situated between ridges that were naturally created thousands of years ago from the river and swamps that originally carved New Orleans' landscape, the sub-area contains neighborhoods that sit between eight feet above sea level to eight feet below sea level. It contains roughly 11,000 households, 64% of which are homeowners. The entire area is 48% LMI, but where over 50% of NDR funds will be invested, in the lowest-lying neighborhoods, the LMI household percentage is 57%

Key Agencies, Partners, Positions, Personnel:

New Orleans has developed a seamless and coordinated structure for the management of federal funds from various sources that leverage one another to carry out the City's project portfolio. The City's Office of Community Development (OCD) manages all HUD funds, and when these funds are used as cost share or leverage to FEMA funds, or when they are employed for capital projects, OCD co-manages the planning, fiscal management, and reporting with the Project Delivery Unit within the Infrastructure Group under the Deputy CAO. The Capital Projects Administration and the Department of Public Works have been unified with the Sewerage and Water Board of New Orleans (SWBNO) via a cooperative endeavor agreement and co-location of project management staff. This allows New Orleans to deliver projects efficiently. New Orleans has the internal controls to assure quality and to comply with HUD financial and procurement regulations, as defined by 2 CFR Part 200. OCD will coordinate with the Capital Projects Administration to manage the performance of all partners and sub-recipients that use NDR funds to ensure that they are budgeted, expended, and reported on in accordance with HUD guidelines and within the project timeline. The following individuals will guide the planning, design, and implementation of projects supported with NDR funds. The role each individual will play in carrying out NDR-funded projects follows their title. The working relationships among individuals and departments are further detailed in the organizational chart that follows.

Gilbert Montano- Chief Administrative Officer

Ramsey Green - Deputy CAO of City Infrastructure Group

Joseph Threat Sr. - Project Delivery Unit Manager: Capital and Infrastructure Budget and Grant Administration

Keith LaGrange - Director of Public Works: Construction and Maintenance of Surface and Subsurface Streets, Roads, Bridges, Traffic Lights, Parking and Enforcement, Enhancements, Drainage

Bob Turner--General Superintendent Sewerage and Water Board: Project Management Supervision for Sewerage and Water Board, Water Delivery and Quality, Drainage, Construction and Maintenance of such

Vincent Smith - Director Capital Projects Administration: Project Management Supervision for Facilities and City Planning Commission

Robert Rivers - Director, City Planning Commission: Design Review for all projects and coordination with Place-based Planning

Ellen Lee - Director, Office of Economic & Community Development:

Marjorianna B. Willman- Director of Housing Policy & Community Development HUD Liaison

Brenda Breaux -Executive Director, New Orleans Redevelopment Authority (NORA): Program administration

Nick Satterfield - Program Manager, NORA Program Administration

Ghassan Korban-- Executive Director, Sewerage and Water Board New Orleans (SWBNO)

Corcherrie Allen--Disaster Programs Manager

Mary Kincaid-- Sustainable Infrastructure Program Manager

Sarah McLaughlin Porteous-- Director, Special Projects and Strategic Engagement Office

The following are key NDR partners:

Sewerage and Water Board of New Orleans (SWBNO).

A public agency that owns and operates New Orleans' potable water supply, drainage system, and sewerage system, SWBNO has recently undertaken a massive \$3.3 billion capital improvement program to repair and upgrade this extensive, aging system along with \$2.5 million dedicated to green infrastructure. A cooperative endeavor agreement between SWBNO and the City of New Orleans' Department of Public Works (DPW) enables the close coordination of all public works projects through integrated project management structure. These actions, along with governance enhancements, such as adding groundwater to its charter, have established SWBNO's comprehensive role in water management.

New Orleans Redevelopment Agency (NORA).

NORA is a political subdivision of the state of Louisiana created generally for public purposes including the prevention and elimination of blighted areas, the development of vibrant neighborhoods, and establishment of economically and socially sound communities through a range of neighborhood activities. A public agency and key partner in the redevelopment of storm-damaged and underinvested neighborhoods, NORA has returned over 3,000 properties to commerce from the CDBG-DR funded Road Home buyout program, invested over \$30 million in NSP2 funds to create more than 450 units of affordable housing, and invested \$8.3 million in CDBG-DR funds in catalytic commercial revitalization projects. In combination, these projects have leveraged over \$184.9 million in private investment and created 653 permanent jobs. NORA also owns and maintains a portfolio of more than 2,000 vacant lots across the City, most of which are in low-lying areas with substantial flood risk or areas where the market cannot support development. NORA has been repurposing selected vacant lots for stormwater management, ecological restoration, urban agriculture, and community gathering spaces. NORA is building upon this work of neighborhood reinvestment and green infrastructure as the lead agency for developing the City's resilience strategy.

The Trust for Public Land (TPL).

TPL, a national nonprofit, conserves land for people to enjoy as parks, gardens, and other natural places, ensuring livable communities and healthy environments for generations to come. TPL has completed over 300 projects in more than 20



states across the country, and are the only national land conservation organization focused on reinvigorating cities. The Trust for Public Land is a national leader in creating parks and protecting land for people. Since 1972, TPL has protected more than 3 million acres, accomplished more than 5,200 park and conservative projects in the United States, and incorporated green infrastructure elements into its urban projects. TPL was instrumental in land acquisition of Lafitte Greenway and the Orleans Land Bridge, two major resilience-enhancing projects in New Orleans. TPL has already begun to augment the City of New Orleans' capacity by building the Climate-Smart Cities tool for the City. This GIS platform provides a spatial analysis that can deliver insight into the risks and benefits of implementing green infrastructure projects in relation to vulnerable populations and their associated climate risks of extreme heat, flooding and mobility.

Deltares USA.

Deltares USA is an independent non-profit applied knowledge institute that provides a high standard of expertise and advice in the field of urban land and water management, working closely together with governments, businesses, and research institutes, including the Water Institute of the Gulf. The world's leading research organization for coastal, deltaic cities, Deltares has decades of experience with the technical challenges of soil subsidence, groundwater management, coastal health, and flood protection. Deltares has already raised New Orleans' capacity by consulting through several learning and design exchanges supported by the Royal Netherlands Embassy, called Dutch Dialogues, and through the Greater New Orleans Urban Water Plan, the region's blueprint for living with water. Currently Deltares is supporting New Orleans on research and strategy through an agreement with the City of New Orleans and SWBNO and as a technical assistance provider through the 100 Resilient Cities program.

Waggonner & Ball Architects, APC.

Waggonner & Ball is a broad-based, internationally active architecture and planning firm with more than 30 years' experience and work featured in books and magazines worldwide. As initiators of the Dutch Dialogues and prime author of the New Orleans Water Plan, they provide award-winning knowledge and expertise in holistic resilience strategies and provided technical assistance in the development of the NDRRC proposal.

Tulane-Xavier Center for Bioenvironmental Research.

For the past decade, Tulane-Xavier Center for Bioenvironmental Research (CBR) has undertaken social-ecological (hereafter referred to as "socioecology") research to understand the immediate and long-term effects of Hurricane Katrina on the City of New Orleans, including redevelopment strategies that have reshaped the built and natural environmental landscapes of the City. The CBR urban socioecology program has four areas of emphasis, each focusing on different aspects of the urban environment: (1) Urban forestry and associated ecosystem services, (2) Commensal rodent demography and rodent-borne pathogen, (3) Socio-demographics and risk perception, (4) Remote sensing and GIS-based urban analytics with quantitative predictive modeling.

Sandia National Laboratories.

For more than 60 years, Sandia has delivered essential science and technology to resolve the nation's most challenging security issues. Sandia National Laboratories is operated and managed by Sandia Corporation, a wholly owned subsidiary of Lockheed Martin Corporation. Sandia Corporation operates Sandia National Laboratories as a contractor for the U.S.

Department of Energy's National Nuclear Security Administration (NNSA) and supports numerous federal, state, and local government agencies, companies, and organizations. Sandia has already produced feasibility studies and project designs for microgrids in New Orleans.

Project Summary

Project #	Project Title	Grantee Activity #	Activity Title	Grantee Program
9999	Restricted Balance	<i>No activities in this project</i>		
ADM2017	Administrative	ADM2017	NDR Administration	
CA2017	NDR Community Adaptation	RF2017	NDR Retrofit Private Properties	
LTC 2017	LTC-CNO Long Term	CSMZ02017	LTC Stormwater Management Zoning Ordinance	
		HMP2017	LTC Hazard Mitigation Plan	
		LWP2017	LTC Living Wage Policy	
OV 2017	OV-CNO Outcome Values	CEM2017	OV-Micro Grid Construction	
		GST2017	OV-Green Space and Trees	
		HGS2017	OV-Green Space-Households	
		JT2017	OV-Job Training	
		LTC2017-HMP	OV-LTC Hazard Mitigation Plan	
		LTC2017-SMZ0	OV-Stormwater Manag. Zoning Ord.	
		LTCLWP2017	OV-LTC Living Wage Policy	
		PERMIT2017	OV-Permits Issued	
		SMF2017	OV-Stormwater Management Features	



		SS2017	OV-Stormwater Storage
		SSTRP2017	OV-Stormwater Storage Added
PL2017	NDR Planning	P2017	NDR Planning
RE2017	NDR Reliable Energy & Smart	ERM2017	NDR Energy Redundancy & Monitoring
		MG2017	NDR Microgrids
		WMN2017	NDR Water Monitoring Network
SL2017	SL-CNO Supporting Leverage	SWBPP2017	SL-Retrofit of SWBNO Power Plant
		TFPL 2017	SL-Trust for Public Land
UW2017	NDR Urban Water	BGC2017	NDR Blue Green Corridors
		DW2017	NDR Dillard Wetland
		MC2017	NDR Milneburg Neighborhood Stormwater Resilience
		MWG2017	NDR Mirabeau Water Garden
		OALAC2017	NDR Gentilly Canals and Lagoons
		PNGI2017	NDR Pontilly Neighborhood Green Infrastructure
		SAGS2017	NDR St. Anthony Green Streets
		SBNC2017	NDR St. Bernard Neighborhood Campus
WD2017	NDR Workforce Development	WFD2017	NDR Workforce Development



Activities

Project # / ADM2017 / Administrative

Grantee Activity Number: ADM2017

Activity Title: NDR Administration

Activity Type:

Administration

Activity Status:

Under Way

Project Number:

ADM2017

Project Title:

Administrative

Projected Start Date:

01/17/2017

Projected End Date:

09/30/2029

Project Draw Block by HUD:

Not Blocked

Project Draw Block Date by HUD:

Activity Draw Block by HUD:

Not Blocked

Activity Draw Block Date by HUD:

Block Drawdown By Grantee:

Not Blocked

Total Budget: \$ 7,063,028.45

National Objective:

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

Most Impacted and Distressed Budget: \$ 0.00

Other Funds: \$ 0.00

Total Funds: \$ 7,063,028.45

Benefit Report Type:

NA

Ancillary Activities

None

Proposed budgets for organizations carrying out Activity:

Responsible Organization

City of New Orleans

Organization Type

Local Government

Proposed Budget

\$ 7,063,028.45

Location Description:



Activity Description:

Administrative activities associated with implementation of the NDR grant.

Environmental Assessment:

Environmental Reviews: None

Activity Attributes: None

Activity Supporting Documents: None

Project # / CA2017 / NDR Community Adaptation



Grantee Activity Number: RF2017

Activity Title: NDR Retrofit Private Properties

Activity Type:

Rehabilitation/reconstruction of residential structures

Activity Status:

Under Way

Project Number:

CA2017

Project Title:

NDR Community Adaptation

Projected Start Date:

01/17/2017

Projected End Date:

09/30/2029

Project Draw Block by HUD:

Not Blocked

Project Draw Block Date by HUD:

Activity Draw Block by HUD:

Not Blocked

Activity Draw Block Date by HUD:

Block Drawdown By Grantee:

Not Blocked

Total Budget: \$ 6,163,625.00

Most Impacted and Distressed Budget: \$ 0.00

Other Funds: \$ 0.00

Total Funds: \$ 6,163,625.00

National Objective:

Low/Mod: Benefit to low- and moderate-income persons/families

Benefit Report Type:

Direct (Households)

Ancillary Activities

None

Projected Beneficiaries

	Total	Low	Mod	Low/Mod%
# Owner Households	140	20	120	100.00
# of Households	140	20	120	100.00

Projected Accomplishments

	Total
# of Singlefamily Units	140
# of Multifamily Units	
# of Housing Units	140
# of Targeted Section 3 Labor Hours	
# of Section 3 Labor Hours	
# of Total Labor Hours	
# of Elevated Structures	
# of Substantially Rehabilitated Units	
# ELI Households (0-30% AMI)	
Activity funds eligible for DREF (Ike Only)	
#Units with other green	
#Units deconstructed	



#Sites re-used
 #Units exceeding Energy Star
 #Units with bus/rail access
 #Low flow showerheads
 #Low flow toilets
 #Units with solar panels
 #Dishwashers replaced
 #Clothes washers replaced
 #Refrigerators replaced
 #Light fixtures (outdoors) replaced
 #Light Fixtures (indoors) replaced
 #Replaced hot water heaters
 #Replaced thermostats
 #Efficient AC added/replaced
 #High efficiency heating plants
 #Additional Attic/Roof Insulation
 #Energy Star Replacement Windows
 # of Properties 140

Proposed budgets for organizations carrying out Activity:

Responsible Organization	Organization Type	Proposed Budget
City of New Orleans	Local Government	\$ 6,163,625.00

Location Description:

GPS Coordinates 30.013816,-90.060509

Activity Description:

The Community Adaptation Program (CAP) provides funding for the design and installation of a range of small-scale stormwater management interventions that help manage flooding around homes and neighborhoods. These measures will reduce the effects of rainstorms that result in standing water on private properties and in neighborhoods as more owners participate. While the City is working to manage water better on public spaces, low to moderate Gently homeowners have an opportunity to take action with their own property through CAP.

Environmental Assessment: COMPLETED

Environmental Reviews: None

Activity Attributes

Subject to Section 3 Requirements: Yes
Disaster Type: Other

Activity Supporting Documents: None



Grantee Activity Number: CSMZO2017

Activity Title: LTC Stormwater Management Zoning Ordinance

Activity Type:

NDR - Long Term Commitment

Project Number:

LTC 2017

Projected Start Date:

01/17/2017

Project Draw Block by HUD:

Not Blocked

Activity Draw Block by HUD:

Not Blocked

Block Drawdown By Grantee:

Not Blocked

National Objective:

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

Benefit Report Type:

NA

Activity Status:

Completed

Project Title:

LTC-CNO Long Term Commitments

Projected End Date:

01/31/2017

Project Draw Block Date by HUD:

Activity Draw Block Date by HUD:

Total Budget: \$ 0.00

Most Impacted and Distressed Budget: \$ 0.00

Other Funds: \$ 0.00

Total Funds: \$ 0.00

Ancillary Activities

None

Proposed budgets for organizations carrying out Activity:

Responsible Organization	Organization Type	Proposed Budget
City of New Orleans	Local Government	\$ 0.00

Location Description:

Activity Description:

Adoption of Comprehensive Stormwater Management Zoning Ordinance.



Grantee Activity Number: HMP2017

Activity Title: LTC Hazard Mitigation Plan

Activity Type:

NDR - Long Term Commitment

Activity Status:

Completed

Project Number:

LTC 2017

Project Title:

LTC-CNO Long Term Commitments

Projected Start Date:

01/17/2017

Projected End Date:

01/31/2017

Project Draw Block by HUD:

Not Blocked

Project Draw Block Date by HUD:

Activity Draw Block by HUD:

Not Blocked

Activity Draw Block Date by HUD:

Block Drawdown By Grantee:

Not Blocked

Total Budget: \$ 0.00

Most Impacted and Distressed Budget: \$ 0.00

National Objective:

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

Other Funds: \$ 0.00

Total Funds: \$ 0.00

Benefit Report Type:

NA

Ancillary Activities

None

Proposed budgets for organizations carrying out Activity:

Responsible Organization

City of New Orleans

Organization Type

Local Government

Proposed Budget

\$ 0.00

Location Description:

Activity Description:

Completion of 2015 5 year Hazard Mitigation Plan.

Environmental Assessment:

Environmental Reviews:

None

Activity Attributes:

None



Environmental Reviews: None

Activity Supporting Documents: None



Grantee Activity Number: LWP2017

Activity Title: LTC Living Wage Policy

Activity Type:

NDR - Long Term Commitment

Activity Status:

Completed

Project Number:

LTC 2017

Project Title:

LTC-CNO Long Term Commitments

Projected Start Date:

01/17/2017

Projected End Date:

01/31/2017

Project Draw Block by HUD:

Not Blocked

Project Draw Block Date by HUD:

Activity Draw Block by HUD:

Not Blocked

Activity Draw Block Date by HUD:

Block Drawdown By Grantee:

Not Blocked

Total Budget: \$ 0.00

Most Impacted and Distressed Budget: \$ 0.00

National Objective:

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

Other Funds: \$ 0.00

Total Funds: \$ 0.00

Benefit Report Type:

NA

Ancillary Activities

None

Proposed budgets for organizations carrying out Activity:

Responsible Organization

City of New Orleans

Organization Type

Local Government

Proposed Budget

\$ 0.00

Location Description:

Activity Description:

Implementation of Living Wage ordinance

Environmental Assessment:

Environmental Reviews:

None

Activity Attributes:

None



Environmental Reviews: None

Activity Supporting Documents: None

Project # / **OV 2017 / OV-CNO Outcome Values**



Grantee Activity Number: CEM2017

Activity Title: OV-Mircro Grid Construction

Activity Type:

NDR - Resilience Value

Activity Status:

Under Way

Project Number:

OV 2017

Project Title:

OV-CNO Outcome Values

Projected Start Date:

01/17/2017

Projected End Date:

09/30/2029

Project Draw Block by HUD:

Not Blocked

Project Draw Block Date by HUD:

Activity Draw Block by HUD:

Not Blocked

Activity Draw Block Date by HUD:

Block Drawdown By Grantee:

Not Blocked

Total Budget: \$ 0.00

Most Impacted and Distressed Budget: \$ 0.00

National Objective:

Low/Mod: Benefit to low- and moderate-income persons/families

Other Funds: \$ 0.00

Total Funds: \$ 0.00

Benefit Report Type:

Area Benefit (Census)

Ancillary Activities

None

Projected Accomplishments

Total

of micro-grids constructed to sustain critical services during a power outage

1

LMI%:

Proposed budgets for organizations carrying out Activity:

Responsible Organization

City of New Orleans

Organization Type

Local Government

Proposed Budget

\$ 0.00

Location Description:

GPS Coordinates 30.015080,-90.060552

Activity Description:

Energy reliability is a critical component to a resilient neighborhood with an improved quality of life. Microgrid systems at their most basic offer backup electricity resources, but also create platforms for distributed renewable energy generation and virtual management systems. The microgrid systems installed in Gentilly will improve the reliability of critical facilities and the health and quality of life of residents.



This outcome is associated with the Reliable Energy and Smart Systems project and NDR Microgrids activity.

Environmental Assessment:

Environmental Reviews: None

Activity Attributes: None

Activity Supporting Documents: None



Grantee Activity Number: GST2017

Activity Title: OV-Green Space and Trees

Activity Type:

NDR - Environmental Value

Activity Status:

Under Way

Project Number:

OV 2017

Project Title:

OV-CNO Outcome Values

Projected Start Date:

01/17/2017

Projected End Date:

09/30/2029

Project Draw Block by HUD:

Not Blocked

Project Draw Block Date by HUD:

Activity Draw Block by HUD:

Not Blocked

Activity Draw Block Date by HUD:

Block Drawdown By Grantee:

Not Blocked

Total Budget: \$ 0.00

Most Impacted and Distressed Budget: \$ 0.00

National Objective:

Low/Mod: Benefit to low- and moderate-income persons/families

Other Funds: \$ 0.00

Total Funds: \$ 0.00

Benefit Report Type:

Area Benefit (Census)

Ancillary Activities

None

Projected Accomplishments

- # zoning amendments passed
- % reduction in TMDL pollutant loads
- # of trees planted in project area
- # of resiliency strategies released
- # of linear feet of shoreline restored
- # of acres of rain gardens created
- # of acres of parks created
- # of non-invasive species trees planted on project sites
- # cubic feet of stormwater storage added through retrofit program
- # acres of newly added or improved green space
- # of tourists
- # of green infrastructure projects constructed
- # of acres green infrastructure created
- % reduction of water surface elevation level

Total

72



% reduction of sanitary sewer overflows
 % reduction of inflow/infiltration during storm events
 % reduction of fish kill events
 % reduction in sediment entering local streams
 % reduction in nutrient loading during flood events
 % reduction in flow (# gpm/cfm) at treatment plant in 25-yr storm event
 % of project area evaluated/mapped for flood risk
 % increase in pumping capacity
 % increase in number of acres converted to open space
 % increase in functional assessment value for wetland habitats
 % decrease in affluent discharged
 # of sanitary sewer overflows
 # of manhole covers replaced
 # of linear feet of water/sewer line repaired/replaced
 # of acres of native vegetation planted
 # of planning studies and initiatives completed
 # of local laws passed
 # of acres green space preserved
 # of acres green space created
 % reduction in number of gpd of water consumed on-site
 # of tons bio-mass processed for energy production
 % reduction in number of KWh of electricity consumed on-site
 # seedlings on the landscape that survived 5th yr.
 # seedlings on the landscape that survived 3rd yr.
 # seedlings on the landscape that survived 1st yr.
 # acres successfully reforested
 # of tons bio-mass processed for repurposed to merchantable wood products
 # of sustainable/fire proof troughs installed
 # of non-invasive trees planted on project sites 800
 # of miles of protective fencing constructed
 # of community meetings
 # acres of bio-mass removed
 % of ecological actions funded
 # of ecological actions identified
 # of people at community meetings
 # of acres of greenspace created (tree farms, etc.)
 # linear feet of streams restored
 # acres of wetlands created
 # of acres of greenspace created/preserved
 % reduction in kWh used
 # of climate action plans completed
 # of linear feet of trails constructed 39302
 # of acres of greenspace created



- % reduction of watershed phosphorous loading
- % reduction of watershed nitrate loading
- % reduction in flow rate (cubic feet of water per second)
- # of asthma occurrences reported in schools within project area
- % Progress

LMI%:

Proposed budgets for organizations carrying out Activity:

Responsible Organization	Organization Type	Proposed Budget
City of New Orleans	Local Government	\$ 0.00

Location Description:

GPS Coordinates 30.015080,-90.060552

Activity Description:

Improve underutilized open spaces, vacant parcels, streets, and other land in the public realm and private properties for flood reductions, reduced subsidence, improved water and environmental quality. Proposed accomplishment data is pending. This outcome is associated with the Urban Water project and Community Adaptation.

Environmental Assessment:

Environmental Reviews: None

Activity Attributes: None

Activity Supporting Documents: None



Grantee Activity Number: HGS2017

Activity Title: OV-Green Space-Households

Activity Type:

NDR - Social Value

Activity Status:

Under Way

Project Number:

OV 2017

Project Title:

OV-CNO Outcome Values

Projected Start Date:

01/17/2017

Projected End Date:

09/30/2029

Project Draw Block by HUD:

Not Blocked

Project Draw Block Date by HUD:

Activity Draw Block by HUD:

Not Blocked

Activity Draw Block Date by HUD:

Block Drawdown By Grantee:

Not Blocked

Total Budget: \$ 0.00

Most Impacted and Distressed Budget: \$ 0.00

National Objective:

Low/Mod: Benefit to low- and moderate-income persons/families

Other Funds: \$ 0.00

Total Funds: \$ 0.00

Benefit Report Type:

Area Benefit (Census)

Ancillary Activities

None

Projected Accomplishments

Total

zoning amendments passed

% increase in "Walk Score"

of small water retention devices/systems installed

of resiliency strategies released

% of survey respondents with an increased understanding of flood risks and

of LMI households with new installations of stormwater management features

of Living Wage Ordinances adopted

of households within 10 min. walk (0.5 miles) of newly added or improved

1

of students visiting businesses and Seaside Park

of tourists

% increase in trail utilization

% increase in number of acres converted to open space

% increase in # of visitors

% improved Social Vulnerability Score



% decrease in number of inaccessible days
of website document downloads
of water control structures repaired/replaced
of tourism plans adopted
of special events held
of school field trips
of resilience planning recommendations implemented
of resilience planning documents utilized
of public education meetings
of new recreational facilities created
of locally-sponsored events occurring in new public spaces
of linear miles of trails constructed
of data products used in school curriculum
of resiliency meetings held
of planning studies and initiatives completed
of persons at resilience meetings
of local laws passed
of entities at resilience meetings
\$ investment in public facility service area
\$ investment in green infrastructure in the service area
\$ amount of private-public investment in BUF service area
of public/private partnerships created
of partnerships created
of mentions on social media
of facility booking/special events
of educational publications produced
of community meetings
of children enrolled in headstart program
of people at community meetings
of vacant lots repurposed
of users of trail system
of resilience plans created
of PHA communities participating in resilience learning collaborative
of residents participating in planning events
\$ value of redevelopment
stakeholders at community meetings
people relocated
people at community meetings
households relocated
home construction permits
cubic feet storm water retention capacity
community meetings
average resident community satisfaction score



- # affordable housing units
- # of climate action plans completed
- # of people enrolled
- # of healthy homes interventions
- # of homes rehabilitated
- # of students enrolled
- # of greenspace users
- # of greenspace public events
- # of families w/children assisted
- # of water management/flood plans completed
- # of home resiliency consultations completed
- # of homes retrofitted with resiliency measures
- % Progress
- # of Website visits

LMI%:

Proposed budgets for organizations carrying out Activity:

Responsible Organization	Organization Type	Proposed Budget
City of New Orleans	Local Government	\$ 0.00

Location Description:

GPS Coordinates 30.015080,-90.060552

Activity Description:

The activities in the Urban Water project will be designed to not only reduce flood risk but to also provide other social benefits, such as increased access to quality public green spaces. This correlates with improved quality of life and improved health outcomes. The City has worked with its partner Trust for Public Land to run a Geographic Information Systems mapping analysis of how many households live within a ten minute walk of planned activity locations for the Urban Water Project to provide the target projection for this outcome value. Of those 8,800 households, 78% make under \$75,000. Over 80% of residents are people of color, and 40% are children or seniors. Note: Currently, approximately 83% of households in Gentilly live within a 10 minute walk to a park. However, several parks in the area are small, provide little to few amenities, and are in need of renovation. The project activities identified in the Urban Water activity both improve existing parks and create new public green spaces in the community. This outcome is associated with the NDR Urban Water project.

Environmental Assessment:

Environmental Reviews: None

Activity Attributes

Disaster Type: Other

Activity Supporting Documents: None



Grantee Activity Number: JT2017

Activity Title: OV-Job Training

Activity Type:

NDR - Economic Value

Activity Status:

Under Way

Project Number:

OV 2017

Project Title:

OV-CNO Outcome Values

Projected Start Date:

01/17/2017

Projected End Date:

09/30/2029

Project Draw Block by HUD:

Not Blocked

Project Draw Block Date by HUD:

Activity Draw Block by HUD:

Not Blocked

Activity Draw Block Date by HUD:

Block Drawdown By Grantee:

Not Blocked

Total Budget: \$ 0.00

Most Impacted and Distressed Budget: \$ 0.00

National Objective:

Low/Mod: Benefit to low- and moderate-income persons/families

Other Funds: \$ 0.00

Total Funds: \$ 0.00

Benefit Report Type:

Area Benefit (Census)

Ancillary Activities

None

Projected Beneficiaries

	Total	Low	Mod	Low/Mod%
# of Persons	100	20	80	100.00
# of Permanent Jobs Created	100	50	50	100.00

Projected Accomplishments

	Total
# zoning amendments passed	
# of resiliency products and technologies with commercial applications	
# of projects brokered by the Coastal Resilience Incubator and Laboratory	
# of businesses participating in the Coastal Resilience Incubator and Laboratory	
# of businesses formed as a result of the Coastal Resilience Incubator and	
% of total value of NDR contracts awarded to dis-advantaged businesses	35
% of total value of NDR contracts awarded to New Orleans businesses	35
# of permits for significant renovations or new constructions in the project area	
# of people who completed water management job training	100
# of people enrolled in water management job training programs	125
# of people completing training and hired in water management-related	
\$ of private investment	



of student residents in project area
of participants in construction program
% reduction in energy costs
% of buildings protected/undamaged during a flood event
% increase in # of visitors
% decrease in road closures in target area during a flood event
% decrease in emergency man-hours during a flood event
% decrease in disruption hours to residents and businesses from impacts of
% reduction in emergency maintenance costs
of tourism plans adopted
\$ of estimated flood loss avoidance
of planning studies and initiatives completed
of local laws passed
of sustainable/fire proof troughs installed
of miles of protective fencing constructed
of employee work hours spent on conservation efforts
% of ecological actions funded
% of plans that resulted in financial investment
of ecological actions identified
% increase in median property value of homes in project area
of new businesses locating within 1/2 radius of project area
\$ value of redevelopment
people relocated
households relocated
home construction permits
cubic feet storm water retention capacity
affordable housing units
% reduction in kWh used
of people enrolled
of people employed
% increase in business revenue
% reduction in utility costs
of residential building permits
% increase in retail sales revenue
\$ estimated flood loss avoidance
of students provided new housing
of students enrolled
of civilian defense personnel provided new housing
of homes retrofitted with resiliency measures
\$ Median property value of homes retrofitted with resiliency measures
Tons of soil lost per acre
% Progress
of jobs created



of People Trained

of Temporary Jobs Created

LMI%:

Proposed budgets for organizations carrying out Activity:

Responsible Organization	Organization Type	Proposed Budget
City of New Orleans	Local Government	\$ 0.00

Location Description:

GPS Coordinates 30.015080,-90.060552

Activity Description:

These contracts have the opportunity to benefit disadvantaged business enterprises (DBEs), so the City will leverage its Office of Supplier Diversity to ensure that NDR contracts are awarded to DBEs. Investments in the resilience of New Orleans neighborhoods have the opportunity to catalyze the economic strength of New Orleans businesses and this measure seeks to ensure local business and workforce development. New Orleans needs a credentialed workforce that is ready for employment. The City will report the number of enrollees who successfully complete water management-specific job training and ultimately hired and employed resulting in a growing workforce and reduction in unemployment and underemployment. Development project. Job training for water management construction and maintenance. This outcome is associated with the NDR Workforce Development project.

Environmental Assessment:

Environmental Reviews: None

Activity Attributes

Disaster Type: Other

Activity Supporting Documents: None



Grantee Activity Number: LTC2017-HMP

Activity Title: OV-LTC Hazard Mitigation Plan

Activity Type:

NDR - Resilience Value

Activity Status:

Completed

Project Number:

OV 2017

Project Title:

OV-CNO Outcome Values

Projected Start Date:

01/17/2017

Projected End Date:

12/31/2017

Project Draw Block by HUD:

Not Blocked

Project Draw Block Date by HUD:

Activity Draw Block by HUD:

Not Blocked

Activity Draw Block Date by HUD:

Block Drawdown By Grantee:

Not Blocked

Total Budget: \$ 0.00

Most Impacted and Distressed Budget: \$ 0.00

National Objective:

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

Other Funds: \$ 0.00

Total Funds: \$ 0.00

Benefit Report Type:

NA

Ancillary Activities

None

Projected Accomplishments

of Hazard Mitigation Plans prepared

Total

1

Proposed budgets for organizations carrying out Activity:

Responsible Organization

City of New Orleans

Organization Type

Local Government

Proposed Budget

\$ 0.00

Location Description:

GPS Coordinates 30.015080,-90.060552

Activity Description:

Hazard Mitigation Plan prepared. This outcome is associated with the Long Term Commitments metrics.



Environmental Assessment: EXEMPT

Environmental Reviews: None

Activity Attributes: None

Activity Supporting Documents: None



Grantee Activity Number: LTC2017-SMZO

Activity Title: OV-Stormwater Manag. Zoning Ord.

Activity Type:

NDR - Resilience Value

Activity Status:

Completed

Project Number:

OV 2017

Project Title:

OV-CNO Outcome Values

Projected Start Date:

01/17/2017

Projected End Date:

12/31/2017

Project Draw Block by HUD:

Not Blocked

Project Draw Block Date by HUD:

Activity Draw Block by HUD:

Not Blocked

Activity Draw Block Date by HUD:

Block Drawdown By Grantee:

Not Blocked

Total Budget: \$ 0.00

Most Impacted and Distressed Budget: \$ 0.00

National Objective:

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

Other Funds: \$ 0.00

Total Funds: \$ 0.00

Benefit Report Type:

NA

Ancillary Activities

None

Projected Accomplishments

of Stormwater Management Zoning Ordinances adopted

Total

1

Proposed budgets for organizations carrying out Activity:

Responsible Organization

City of New Orleans

Organization Type

Local Government

Proposed Budget

\$ 0.00

Location Description:

GPS Coordinates 30.015080,-90.060552

Activity Description:

Comprehensive Stormwater Management Zoning Ordinance adopted by City Council. This outcome is associated with the Long Term Commitments metrics.



Environmental Assessment: COMPLETED

Environmental Reviews: None

Activity Attributes: None

Activity Supporting Documents: None



Grantee Activity Number: LTCLWP2017

Activity Title: OV-LTC Living Wage Policy

Activity Type:

NDR - Social Value

Activity Status:

Completed

Project Number:

OV 2017

Project Title:

OV-CNO Outcome Values

Projected Start Date:

01/17/2017

Projected End Date:

12/31/2017

Project Draw Block by HUD:

Not Blocked

Project Draw Block Date by HUD:

Activity Draw Block by HUD:

Not Blocked

Activity Draw Block Date by HUD:

Block Drawdown By Grantee:

Not Blocked

Total Budget: \$ 0.00

National Objective:

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

Most Impacted and Distressed Budget: \$ 0.00

Other Funds: \$ 0.00

Total Funds: \$ 0.00

Benefit Report Type:

NA

Ancillary Activities

None

Projected Accomplishments

of Living Wage Ordinances adopted

Total

1

Proposed budgets for organizations carrying out Activity:

Responsible Organization

City of New Orleans

Organization Type

Local Government

Proposed Budget

\$ 0.00

Location Description:

GPS Coordinates 30.015080,-90.060552

Activity Description:

Living Wage ordinance adopted. This outcome is associated with the CNO Long Term Commitments metrics.



Environmental Assessment:

Environmental Reviews: None

Activity Attributes: None

Activity Supporting Documents: None



Grantee Activity Number: PERMIT2017

Activity Title: OV-Permits Issued

Activity Type:

NDR - Economic Value

Activity Status:

Planned

Project Number:

OV 2017

Project Title:

OV-CNO Outcome Values

Projected Start Date:

01/17/2017

Projected End Date:

09/30/2029

Project Draw Block by HUD:

Not Blocked

Project Draw Block Date by HUD:

Activity Draw Block by HUD:

Not Blocked

Activity Draw Block Date by HUD:

Block Drawdown By Grantee:

Not Blocked

Total Budget: \$ 0.00

Most Impacted and Distressed Budget: \$ 0.00

National Objective:

Low/Mod: Benefit to low- and moderate-income persons/families

Other Funds: \$ 0.00

Total Funds: \$ 0.00

Benefit Report Type:

Area Benefit (Census)

Ancillary Activities

None

Projected Accomplishments

of permits for significant renovations or new constructions in the project area

Total

164

LMI%:

Proposed budgets for organizations carrying out Activity:

Responsible Organization

City of New Orleans

Organization Type

Local Government

Proposed Budget

\$ 0.00

Location Description:

GPS Coordinates 30.015080,-90.060552

Activity Description:

Improve underutilized open spaces, vacant parcels, streets and other land in the public realm for flood reduction, reduced subsidence, improved water and environmental quality. Investments in Urban Water projects are anticipated to catalyze neighborhood redevelopment activities, increasing economic strength and financial stability for the Gentilly area. In order to capture an increase in redevelopment activities, the City will



report on annual number of completed permits for new construction or significant structural renovations in the project area. The baseline of 164 is the average annual number of completed permits for new construction or structural renovations from 2014-2016 in the project area. The projection is for number of permits in the year 2022. The annual number of permits is trending down as the area further recovers its pre-Katrina housing stock. The City's goal is for investments in urban water projects to catalyze additional development and maintain this annual rate of new construction and significant renovations. This outcome is associated with NDR Urban Water project.

Environmental Assessment:

Environmental Reviews: None

Activity Attributes

Disaster Type: Other

Activity Supporting Documents: None



Grantee Activity Number: SMF2017

Activity Title: OV-Stormwater Management Features

Activity Type:

NDR - Social Value

Activity Status:

Under Way

Project Number:

OV 2017

Project Title:

OV-CNO Outcome Values

Projected Start Date:

01/17/2017

Projected End Date:

09/30/2029

Project Draw Block by HUD:

Not Blocked

Project Draw Block Date by HUD:

Activity Draw Block by HUD:

Not Blocked

Activity Draw Block Date by HUD:

Block Drawdown By Grantee:

Not Blocked

Total Budget: \$ 0.00

Most Impacted and Distressed Budget: \$ 0.00

National Objective:

Low/Mod: Benefit to low- and moderate-income persons/families

Other Funds: \$ 0.00

Total Funds: \$ 0.00

Benefit Report Type:

Direct (Households)

Ancillary Activities

None

Projected Beneficiaries

of Households

Total

140

Low

20

Mod

120

Low/Mod%

100.00

Projected Accomplishments

% of survey respondents with an increased understanding of flood risks and

Total

75

of LMI households with new installations of stormwater management features

140

Proposed budgets for organizations carrying out Activity:

Responsible Organization

City of New Orleans

Organization Type

Local Government

Proposed Budget

\$ 0.00

Location Description:

GPS Coordinates 30.015080,-90.060552

Activity Description:



Retrofit private properties with stormwater management features. One of the goals of the Homeowner Retrofit Program is to increase awareness of flood risk and water management. The New Orleans Redevelopment Authority will survey program participants to determine changes in their awareness and understanding of flood risks and water management issues. The Homeowner Retrofit program seeks to benefit LMI households by enhancing and improving household assets and reducing individual and collective flood risk through the installation of stormwater management features. The City and the New Orleans Redevelopment Authority project 140 total LMI households participating in the program. This outcome is associated with NDR Community Adaptation project.

Environmental Assessment:

Environmental Reviews: None

Activity Attributes: None

Activity Supporting Documents: None



Grantee Activity Number: SS2017

Activity Title: OV-Stormwater Storage

Activity Type:

NDR - Resilience Value

Activity Status:

Under Way

Project Number:

OV 2017

Project Title:

OV-CNO Outcome Values

Projected Start Date:

01/17/2017

Projected End Date:

09/30/2029

Project Draw Block by HUD:

Not Blocked

Project Draw Block Date by HUD:

Activity Draw Block by HUD:

Not Blocked

Activity Draw Block Date by HUD:

Block Drawdown By Grantee:

Not Blocked

Total Budget: \$ 0.00

Most Impacted and Distressed Budget: \$ 0.00

National Objective:

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

Other Funds: \$ 0.00

Total Funds: \$ 0.00

Benefit Report Type:

Area Benefit (Census)

Ancillary Activities

None

Projected Accomplishments

Total

of Executive Orders Issued

zoning amendments passed

% decrease in NFIP CRS score

\$ estimated value of flood loss avoided

of storm water projects implemented

of revised zoning codes incorporating resiliency adopted

of resiliency strategies released

of reduced hours streets are flooded

of new structures built to 3 ft. freeboard

of linear miles no longer experience flooding

of Stormwater Management Zoning Ordinances adopted

of micro-grids constructed to sustain critical services during a power outage

of Hazard Mitigation Plans prepared

cubic feet of stormwater storage added

5000000



of special events
 # of properties with access above 100-yr flood level
 # of floodplain design standards updated
 # of fewer outages of critical facilities and utilities
 # of acres no longer vulnerable to flood events
 # CRS credit points earned
 # of regulatory amendments to the Flood Hazard Area Control Act Rules
 % of modules completed
 # of plans created
 % reduction in loss of service
 % of project area evaluated/mapped for flood risk
 % of buildings protected/undamaged during a flood event
 % increase in groundwater infiltration
 % increase in acres of cropland protected from flooding
 % increase in use by migratory birds
 % decrease water surface elevation level during a flood with a qualifying event
 % decrease in road closures in target area during a flood event
 % decrease in area inundated by flooding
 # of pump stations repaired/replaced
 # of low-impact/maintenance components
 # of liner feet examined
 # of linear feet of sewer/water line constructed
 # of linear feet of water/sewer line repaired/replaced
 # of containment systems constructed
 # of brownfield acres converted to wetland
 # of acres with improved multiple hazard risk mapping
 # of acres of wetland created/restored
 # of resilience plans adopted
 # of residents protected from future flooding
 # of properties protected from future flooding
 # of planning studies and initiatives completed
 # of local laws passed
 % of area electrical demand generated from facility
 \$ investment in public facility service area
 \$ investment in green infrastructure in the service area
 \$ estimated value of assets protected
 \$ amount of private-public investment in BUF service area
 # seedlings on the landscape that survived 5th yr.
 # seedlings on the landscape that survived 3rd yr.
 # seedlings on the landscape that survived 1st yr.
 # acres successfully reforested
 # treated/reforested acres leased for grazing
 # of public/private partnerships created



of partnerships created
of non-invasive trees planted on project sites
of mentions on social media
of kWh clean energy produced at Community Resilience Center
of Facility guidebooks published a disseminated
acres of fuel breaks constructed
regulatory amendments to the Flood Hazard Area Control Act Rules
% of plans that resulted in financial investment
of people at community meetings
of resilience plans completed
of plans adopted
of jurisdictions adopting Greenprint Plan
of households reached
of acres of land protected
occupied structures in floodplain
of resilience plans created
of PHA housing units benefiting from resiliency measures
of PHA facilities constructed or retrofitted with resiliency measures
jurisdictions with enacted resiliency plans/ordinances
stakeholders at community meetings
resilience projects scoped
resilience project plans vetted
resilience project plans finalized
resilience project plans drafted
resilience project community launch meetings
people relocated
people at community meetings
jurisdictions with completed resiliency plans
jurisdictions that incorporate identified resilience practices
households relocated
home construction permits
cubic feet storm water retention capacity
community meetings
% reduction in kWh used
of climate action plans completed
of residential building permits
of homes rehabilitated
\$ estimated flood loss avoidance
of public housing residents provided new housing
of linear feet of trails constructed
of fire fighters trained
\$ Funds allocated for water-quality improvements
\$ Funds allocated for water management/flood mitigation improvements



- # of water management/flood research products
- # of water management/flood maps updated
- # of mitigation plans completed
- # of legislative actions taken to improve resiliency
- # of infrastructure design standards updated
- # of homes retrofitted with resiliency measures
- # of energy plans completed
- # of disaster recovery plans completed
- # of communities with standards exceeding NFIP
- % Progress
- # of public facilities

LMI%:

Proposed budgets for organizations carrying out Activity:

Responsible Organization	Organization Type	Proposed Budget
City of New Orleans	Local Government	\$ 0.00

Location Description:

GPS Coordinates 30.015080,-90.060552

Activity Description:

This outcome is associated with NDR Urban Water Project. Our anticipated outcome is flood risk reduction. Stormwater storage outcomes will be updated during design. A primary goal of activities in the Urban Water project is to significantly reduce flood risk in the Gentilly Area by creating additional storage capacity within open spaces, vacant parcels, streets, and other land in the public realm for stormwater to go before reaching and overburdening the drainage system. In order to measure success towards this goal, the City will work with its design and engineering consultants to quantify the total number of cubic feet of water retention/detention added within each project activity. The City will also work with its planning partners to understand how this storage goal meets the system's ability to reduce flooding from 2, 5, and 10 years storms.

Environmental Assessment:

Environmental Reviews: None

Activity Attributes

Disaster Type: Other

Activity Supporting Documents: None



Grantee Activity Number: SSTRP2017

Activity Title: OV-Stormwater Storage Added

Activity Type:

NDR - Environmental Value

Activity Status:

Under Way

Project Number:

OV 2017

Project Title:

OV-CNO Outcome Values

Projected Start Date:

01/17/2017

Projected End Date:

09/30/2029

Project Draw Block by HUD:

Not Blocked

Project Draw Block Date by HUD:

Activity Draw Block by HUD:

Not Blocked

Activity Draw Block Date by HUD:

Block Drawdown By Grantee:

Not Blocked

Total Budget: \$ 0.00

Most Impacted and Distressed Budget: \$ 0.00

National Objective:

Low/Mod: Benefit to low- and moderate-income persons/families

Other Funds: \$ 0.00

Total Funds: \$ 0.00

Benefit Report Type:

Area Benefit (Census)

Ancillary Activities

None

Projected Accomplishments

Total

zoning amendments passed

% reduction in TMDL pollutant loads

of trees planted in project area

of resiliency strategies released

of linear feet of shoreline restored

of acres of rain gardens created

of acres of parks created

of non-invasive species trees planted on project sites

cubic feet of stormwater storage added through retrofit program

54000

acres of newly added or improved green space

of tourists

of green infrastructure projects constructed

of acres green infrastructure created

% reduction of water surface elevation level



% reduction of sanitary sewer overflows
 % reduction of inflow/infiltration during storm events
 % reduction of fish kill events
 % reduction in sediment entering local streams
 % reduction in nutrient loading during flood events
 % reduction in flow (# gpm/cfm) at treatment plant in 25-yr storm event
 % of project area evaluated/mapped for flood risk
 % increase in pumping capacity
 % increase in number of acres converted to open space
 % increase in functional assessment value for wetland habitats
 % decrease in affluent discharged
 # of sanitary sewer overflows
 # of manhole covers replaced
 # of linear feet of water/sewer line repaired/replaced
 # of acres of native vegetation planted
 # of planning studies and initiatives completed
 # of local laws passed
 # of acres green space preserved
 # of acres green space created
 % reduction in number of gpd of water consumed on-site
 # of tons bio-mass processed for energy production
 % reduction in number of KWH of electricity consumed on-site
 # seedlings on the landscape that survived 5th yr.
 # seedlings on the landscape that survived 3rd yr.
 # seedlings on the landscape that survived 1st yr.
 # acres successfully reforested
 # of tons bio-mass processed for repurposed to merchantable wood products
 # of sustainable/fire proof troughs installed
 # of non-invasive trees planted on project sites
 # of miles of protective fencing constructed
 # of community meetings
 # acres of bio-mass removed
 % of ecological actions funded
 # of ecological actions identified
 # of people at community meetings
 # of acres of greenspace created (tree farms, etc.)
 # linear feet of streams restored
 # acres of wetlands created
 # of acres of greenspace created/preserved
 % reduction in kWh used
 # of climate action plans completed
 # of linear feet of trails constructed
 # of acres of greenspace created



- % reduction of watershed phosphorous loading
- % reduction of watershed nitrate loading
- % reduction in flow rate (cubic feet of water per second)
- # of asthma occurrences reported in schools within project area
- % Progress

LMI%:

Proposed budgets for organizations carrying out Activity:

Responsible Organization	Organization Type	Proposed Budget
City of New Orleans	Local Government	\$ 0.00

Location Description:

GPS Coordinates 30.015080,-90.060552

Activity Description:

The stormwater management features installed through the Homeowner Retrofit Program will improve water quality and reduce flood risk. The City and the New Orleans Redevelopment Authority will measure this total impact by quantifying and tracking the stormwater storage capacity added via features such as rain gardens, rain barrels, and permeable pavement.

Environmental Assessment:

Environmental Reviews: None

Activity Attributes: None

Activity Supporting Documents: None

Project # / PL2017 / NDR Planning



Grantee Activity Number: P2017

Activity Title: NDR Planning

Activity Type:

Planning

Activity Status:

Under Way

Project Number:

PL2017

Project Title:

NDR Planning

Projected Start Date:

01/17/2017

Projected End Date:

09/30/2029

Project Draw Block by HUD:

Not Blocked

Project Draw Block Date by HUD:

Activity Draw Block by HUD:

Not Blocked

Activity Draw Block Date by HUD:

Block Drawdown By Grantee:

Not Blocked

Total Budget: \$ 6,311,806.55

Most Impacted and Distressed Budget: \$ 0.00

Other Funds: \$ 0.00

Total Funds: \$ 6,311,806.55

National Objective:

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

Benefit Report Type:

Area Benefit (Census)

Ancillary Activities

None

LMI%:

Proposed budgets for organizations carrying out Activity:

Responsible Organization

City of New Orleans

Organization Type

Local Government

Proposed Budget

\$ 6,311,806.55

Location Description:

29°58'34.2N 90°4'42.2W

Activity Description:

Overall planning activities associated with the NDR grant. Planning activities include acres of green space and public properties monitored for invasive and/or vector species; modeling of groundwater and surface stormwater interaction, modelling of climate change risks, financial strategy for the District, assesment of long term benefits and maintenance costs of Urban Water and Energy Resilience projects, repetitive loss area analysis, and comprehensive recovery plan.



Environmental Assessment:

Environmental Reviews: None

Activity Attributes

Disaster Type: Other

Activity Supporting Documents: None

Project # / RE2017 / NDR Reliable Energy & Smart Systems



Grantee Activity Number: ERM2017

Activity Title: NDR Energy Redundancy & Monitoring

Activity Type:

Construction/reconstruction of water/sewer lines or systems

Activity Status:

Under Way

Project Number:

RE2017

Project Title:

NDR Reliable Energy & Smart Systems

Projected Start Date:

01/17/2017

Projected End Date:

09/30/2029

Project Draw Block by HUD:

Not Blocked

Project Draw Block Date by HUD:

Activity Draw Block by HUD:

Not Blocked

Activity Draw Block Date by HUD:

Block Drawdown By Grantee:

Not Blocked

Total Budget: \$ 6,777,322.34

Most Impacted and Distressed Budget: \$ 0.00

Other Funds: \$ 0.00

Total Funds: \$ 6,777,322.34

National Objective:

Low/Mod: Benefit to low- and moderate-income persons/families

Benefit Report Type:

Area Benefit (Census)

Ancillary Activities

None

Projected Beneficiaries

of Persons

Total

284079

Low

98694

Mod

49140

Low/Mod%

52.04

Projected Accomplishments

of public facilities

Total

1

LMI%:

Proposed budgets for organizations carrying out Activity:

Responsible Organization

City of New Orleans

Organization Type

Local Government

Proposed Budget

\$ 6,777,322.34

Location Description:

GPS Coordinates 29.958764,-90.128486

Activity Description:

Development of a centralized Water Monitoring Network. Network will track energy use, water levels, and flow through the stormwater network. A public facing dashboard will inform the public of the operation of the



stormwater system, energy use, the effect of resident actions on the network.

Environmental Assessment:

Environmental Reviews: None

Activity Attributes: None

Activity Supporting Documents: None



Grantee Activity Number: MG2017

Activity Title: NDR Microgrids

Activity Type:

Rehabilitation/reconstruction of a public improvement

Activity Status:

Under Way

Project Number:

RE2017

Project Title:

NDR Reliable Energy & Smart Systems

Projected Start Date:

01/17/2017

Projected End Date:

09/30/2029

Project Draw Block by HUD:

Not Blocked

Project Draw Block Date by HUD:

Activity Draw Block by HUD:

Not Blocked

Activity Draw Block Date by HUD:

Block Drawdown By Grantee:

Not Blocked

Total Budget: \$ 122,390.66

Most Impacted and Distressed Budget: \$ 0.00

Other Funds: \$ 0.00

Total Funds: \$ 122,390.66

National Objective:

Low/Mod: Benefit to low- and moderate-income persons/families

Benefit Report Type:

Area Benefit (Census)

Ancillary Activities

None

Projected Beneficiaries

of Persons

Total

18150

Low

5990

Mod

3115

Low/Mod%

50.17

Projected Accomplishments

Total

of Targeted Section 3 Labor Hours

of Section 3 Labor Hours

of Total Labor Hours

cubic feet of stormwater storage added

of Elevated Structures

Activity funds eligible for DREF (Ike Only)

of cable feet of public utility

of Linear miles of Public Improvement

of Linear feet of Public Improvement

100

LMI%:



Proposed budgets for organizations carrying out Activity:

Responsible Organization	Organization Type	Proposed Budget
City of New Orleans	Local Government	\$ 122,390.66

Location Description:

GPS Coordinates 30.004670,-90.038409

Activity Description:

Design and install localized microgrids, small backup electrical generation and distributions systems that disconnect from the traditional grid to operate autonomously and help mitigate the health and safety effects of outages. Performance metrics will be updated within 90 days to reflect "acres of urban facilities served by the microgrid" with a placeholder of 1. Performance metrics will be updated during the scoping phase.

Environmental Assessment:

Environmental Reviews: None

Activity Attributes: None

Activity Supporting Documents: None



Grantee Activity Number: WMN2017

Activity Title: NDR Water Monitoring Network

Activity Type:

Construction/reconstruction of water/sewer lines or systems

Activity Status:

Under Way

Project Number:

RE2017

Project Title:

NDR Reliable Energy & Smart Systems

Projected Start Date:

01/17/2017

Projected End Date:

09/30/2029

Project Draw Block by HUD:

Not Blocked

Project Draw Block Date by HUD:

Activity Draw Block by HUD:

Not Blocked

Activity Draw Block Date by HUD:

Block Drawdown By Grantee:

Not Blocked

Total Budget: \$ 1,284,672.00

Most Impacted and Distressed Budget: \$ 0.00

Other Funds: \$ 0.00

Total Funds: \$ 1,284,672.00

National Objective:

Low/Mod: Benefit to low- and moderate-income persons/families

Benefit Report Type:

Area Benefit (Census)

Ancillary Activities

None

Projected Beneficiaries

of Persons

Total

17430

Low

5820

Mod

3090

Low/Mod%

51.12

Projected Accomplishments

of public facilities

Total

1

LMI%:

Proposed budgets for organizations carrying out Activity:

Responsible Organization

City of New Orleans

Organization Type

Local Government

Proposed Budget

\$ 1,284,672.00

Location Description:

GPS Coordinates 30.012462,-90.060367

Activity Description:

Construction of a district-scale Gentilly Water Monitoring Network including 84 groundwater monitoring wells, database of groundwater measures, and integration of groundwater and surface water models.



Environmental Assessment:

Environmental Reviews: None

Activity Attributes: None

Activity Supporting Documents: None

Project # / SL2017 / SL-CNO Supporting Leverage



Grantee Activity Number: SWBPP2017

Activity Title: SL-Retrofit of SWBNO Power Plant

Activity Type:

Rehabilitation/reconstruction of public facilities

Activity Status:

Under Way

Project Number:

SL2017

Project Title:

SL-CNO Supporting Leverage

Projected Start Date:

01/17/2017

Projected End Date:

09/30/2029

Project Draw Block by HUD:

Not Blocked

Project Draw Block Date by HUD:

Activity Draw Block by HUD:

Not Blocked

Activity Draw Block Date by HUD:

Block Drawdown By Grantee:

Not Blocked

Total Budget: \$ 0.00

Most Impacted and Distressed Budget: \$ 0.00

National Objective:

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

Other Funds: \$ 0.00

Total Funds: \$ 0.00

Benefit Report Type:

Area Benefit (Census)

Ancillary Activities

None

Projected Accomplishments

Total

of Targeted Section 3 Labor Hours

of Section 3 Labor Hours

of Total Labor Hours

of Elevated Structures

of Non-business Organizations benefitting

of public facilities

LMI%:

Proposed budgets for organizations carrying out Activity:

Responsible Organization

City of New Orleans

Organization Type

Local Government

Proposed Budget

\$ 0.00

Location Description:



Activity Description:

Retrofit of the Power Plant and Oak Street Raw Water Intake Station.

Environmental Assessment:

Environmental Reviews: None

Activity Attributes: None

Activity Supporting Documents: None



Grantee Activity Number: TFPL 2017

Activity Title: SL-Trust for Public Land

Activity Type:

Planning

Activity Status:

Completed

Project Number:

SL2017

Project Title:

SL-CNO Supporting Leverage

Projected Start Date:

01/17/2017

Projected End Date:

09/22/2023

Project Draw Block by HUD:

Not Blocked

Project Draw Block Date by HUD:

Activity Draw Block by HUD:

Not Blocked

Activity Draw Block Date by HUD:

Block Drawdown By Grantee:

Not Blocked

Total Budget: \$ 0.00

Most Impacted and Distressed Budget: \$ 0.00

National Objective:

Not Applicable (for Planning/Administration or Unprogrammed Funds only)

Other Funds: \$ 0.00

Total Funds: \$ 0.00

Benefit Report Type:

Area Benefit (Census)

Ancillary Activities

None

LMI%:

Proposed budgets for organizations carrying out Activity:

Responsible Organization

City of New Orleans

Organization Type

Local Government

Proposed Budget

\$ 0.00

Location Description:

Activity Description:

Development of the Climate-Smart Cities Decision Support Portal has been completed. The link to the portal is https://web.tplgis.org/NOLA_CSC/.



Environmental Assessment:

Environmental Reviews: None

Activity Attributes: None

Activity Supporting Documents: None

Project # / UW2017 / NDR Urban Water



Grantee Activity Number: BGC2017

Activity Title: NDR Blue Green Corridors

Activity Type:

Rehabilitation/reconstruction of a public improvement

Activity Status:

Under Way

Project Number:

UW2017

Project Title:

NDR Urban Water

Projected Start Date:

01/17/2017

Projected End Date:

09/30/2029

Project Draw Block by HUD:

Not Blocked

Project Draw Block Date by HUD:

Activity Draw Block by HUD:

Not Blocked

Activity Draw Block Date by HUD:

Block Drawdown By Grantee:

Not Blocked

Total Budget: \$ 42,811,380.00

Most Impacted and Distressed Budget: \$ 0.00

National Objective:

Low/Mod: Benefit to low- and moderate-income persons/families

Other Funds: \$ 49,500,000.00

Total Funds: \$ 92,311,380.00

Benefit Report Type:

Area Benefit (Census)

Ancillary Activities

None

Projected Beneficiaries

of Persons

Total	Low	Mod	Low/Mod%
5540	2410	995	61.46

Projected Accomplishments

of Targeted Section 3 Labor Hours

of Section 3 Labor Hours

of Total Labor Hours

cubic feet of stormwater storage added

of Elevated Structures

Activity funds eligible for DREF (Ike Only)

of cable feet of public utility

of Linear miles of Public Improvement

5

of Linear feet of Public Improvement

LMI%:



Proposed budgets for organizations carrying out Activity:

Responsible Organization	Organization Type	Proposed Budget
City of New Orleans	Local Government	\$ 42,811,380.00
Funding Source Name	Matching Funds	Funding Amount
FEMA Public Assistance Funds	No	\$ 49,500,000.00

Location Description:

GPS Coordinates 30.016742,-90.060658

Activity Description:

Green corridors consist of wide bioswales in medians, new tree canopy and walking paths. Blue corridors will collect stormwater from streets by enhancing existing wide medians with circulating stormwater storage using native plantings and weirs. The medians will be enhanced with play areas, trees and walking paths to enhance the green space. Performance metric will be updated within 90 days to reflect acres of new or improved green space.

Environmental Assessment:

Environmental Reviews: None

Activity Attributes

Disaster Type: Other

Activity Supporting Documents: None



Grantee Activity Number: DW2017

Activity Title: NDR Dillard Wetland

Activity Type:

Rehabilitation/reconstruction of a public improvement

Activity Status:

Under Way

Project Number:

UW2017

Project Title:

NDR Urban Water

Projected Start Date:

01/17/2017

Projected End Date:

09/30/2029

Project Draw Block by HUD:

Not Blocked

Project Draw Block Date by HUD:

Activity Draw Block by HUD:

Not Blocked

Activity Draw Block Date by HUD:

Block Drawdown By Grantee:

Not Blocked

Total Budget: \$ 6,793,561.00

Most Impacted and Distressed Budget: \$ 0.00

National Objective:

Low/Mod: Benefit to low- and moderate-income persons/families

Other Funds: \$ 6,500,000.00

Total Funds: \$ 13,293,561.00

Benefit Report Type:

Area Benefit (Census)

Ancillary Activities

None

Projected Beneficiaries

of Persons

Total

Low

Mod

Low/Mod%

7190

2755

1280

56.12

Projected Accomplishments

Total

of Targeted Section 3 Labor Hours

of Section 3 Labor Hours

of Total Labor Hours

cubic feet of stormwater storage added

of Elevated Structures

Activity funds eligible for DREF (Ike Only)

of cable feet of public utility

of Linear miles of Public Improvement

of Linear feet of Public Improvement

1700000

LMI%:



Proposed budgets for organizations carrying out Activity:

Responsible Organization	Organization Type	Proposed Budget
City of New Orleans	Local Government	\$ 6,793,561.00
Funding Source Name	Matching Funds	Funding Amount
FEMA Hazard Mitigation Funds	No	\$ 6,500,000.00

Location Description:

GPS Coordinates 29.999517,-90.070303

Activity Description:

This project transforms the site into an educational and recreational natural preserve open to the public and schools. Educational signage will allow the user to learn about the role of native plants in stormwater management, the role of various fauna in vector management, and the forested wetlands ecosystem. Permeable walking paths will allow the user to experience a forested wetland within city limits. Weirs or other water control structures will accept the stormwater from the surface system, store stormwater on the parcel, and slowly release stormwater to the drainage system. Performance metric will be updated within 90 days to reflect acres of new or improved green space.

Environmental Assessment: COMPLETED

Environmental Reviews: None

Activity Attributes

- Subject to Section 3 Requirements:** Yes
- Disaster Type:** Other
- Facility Type:** Other

Activity Supporting Documents: None



Grantee Activity Number: MC2017

Activity Title: NDR Milneburg Neighborhood Stormwater Resilience

Activity Type:
Rehabilitation/reconstruction of a public improvement

Activity Status:
Under Way

Project Number:
UW2017

Project Title:
NDR Urban Water

Projected Start Date:
01/17/2017

Projected End Date:
09/30/2029

Project Draw Block by HUD:
Not Blocked

Project Draw Block Date by HUD:

Activity Draw Block by HUD:
Not Blocked

Activity Draw Block Date by HUD:

Block Drawdown By Grantee:
Not Blocked

Total Budget: \$ 449,536.85

National Objective:
Low/Mod: Benefit to low- and moderate-income persons/families

Most Impacted and Distressed Budget: \$ 0.00

Other Funds: \$ 0.00

Total Funds: \$ 449,536.85

Benefit Report Type:
Area Benefit (Census)

Ancillary Activities

None

Projected Beneficiaries	Total	Low	Mod	Low/Mod%
# of Persons	7420	2625	1315	53.10

Projected Accomplishments	Total
# of Targeted Section 3 Labor Hours	
# of Section 3 Labor Hours	
# of Total Labor Hours	
# cubic feet of stormwater storage added	
# of Elevated Structures	
Activity funds eligible for DREF (Ike Only)	
# of cable feet of public utility	
# of Linear miles of Public Improvement	
# of Linear feet of Public Improvement	700000

LMI%:



Proposed budgets for organizations carrying out Activity:

Responsible Organization	Organization Type	Proposed Budget
City of New Orleans	Local Government	\$ 449,536.85

Location Description:

GPS Coordinates 30.014604,-90.052590

Activity Description:

Enhancements to City-owned sites located within the Milneburg Neighborhood include site improvements to Milne Playground (2500 Filmore Avenue) and other City-owned properties to be identified during design. The sites will be redesigned and reengineered to manage stormwater and reduce localized flooding, while fully retaining the recreational activity areas and facilities. The sites will not only capture service runoff but also extract stormwater from surrounding subsurface drainage pipes, such as the Prentiss Avenue Canal, to reduce flow rates and volumes that currently overburden the municipal drainage system. The design concept will create a green infrastructure network including but not limited to bioretention cells, bioswales, pervious paving, engineered sports field, and subsurface storage. Performance metric will be updated within 90 days to reflect acres of new or improved green space.

Environmental Assessment:

Environmental Reviews: None

Activity Attributes: None

Activity Supporting Documents: None



Grantee Activity Number: MWG2017

Activity Title: NDR Mirabeau Water Garden

Activity Type:

Rehabilitation/reconstruction of a public improvement

Activity Status:

Under Way

Project Number:

UW2017

Project Title:

NDR Urban Water

Projected Start Date:

01/17/2017

Projected End Date:

09/30/2029

Project Draw Block by HUD:

Not Blocked

Project Draw Block Date by HUD:

Activity Draw Block by HUD:

Not Blocked

Activity Draw Block Date by HUD:

Block Drawdown By Grantee:

Not Blocked

Total Budget: \$ 12,400,871.00

Most Impacted and Distressed Budget: \$ 0.00

National Objective:

Low/Mod: Benefit to low- and moderate-income persons/families

Other Funds: \$ 12,300,000.00

Total Funds: \$ 24,700,871.00

Benefit Report Type:

Area Benefit (Census)

Ancillary Activities

None

Projected Beneficiaries

of Persons

Total

Low

Mod

Low/Mod%

4595

1675

700

51.69

Projected Accomplishments

Total

of Targeted Section 3 Labor Hours

of Section 3 Labor Hours

of Total Labor Hours

cubic feet of stormwater storage added

of Elevated Structures

Activity funds eligible for DREF (Ike Only)

of cable feet of public utility

of Linear miles of Public Improvement

1

of Linear feet of Public Improvement

1450000

LMI%:



Proposed budgets for organizations carrying out Activity:

Responsible Organization	Organization Type	Proposed Budget
City of New Orleans	Local Government	\$ 12,400,871.00
Funding Source Name	Matching Funds	Funding Amount
FEMA Hazard Mitigation Funds	No	\$ 12,300,000.00

Location Description:

GPS Coordinates 30.005230,-90.080576

Activity Description:

Transformation of a 25 acre cleared site into an engineered Blue-Green Parkland. Water will be stored in lagoons and gradually emptied by weirs. Educational buildings and signage will offer education in climate, stormwater management, green infrastructure, and public health. Walking paths and play lawns will provide recreational opportunities alongside climate education.

Environmental Assessment:

Environmental Reviews: None

Activity Attributes: None

Activity Supporting Documents: None



Grantee Activity Number: OALAC2017

Activity Title: NDR Gentilly Canals and Lagoons

Activity Type:

Rehabilitation/reconstruction of a public improvement

Activity Status:

Under Way

Project Number:

UW2017

Project Title:

NDR Urban Water

Projected Start Date:

01/17/2017

Projected End Date:

09/30/2029

Project Draw Block by HUD:

Not Blocked

Project Draw Block Date by HUD:

Activity Draw Block by HUD:

Not Blocked

Activity Draw Block Date by HUD:

Block Drawdown By Grantee:

Not Blocked

Total Budget: \$ 560,843.00

Most Impacted and Distressed Budget: \$ 0.00

National Objective:

Low/Mod: Benefit to low- and moderate-income persons/families

Other Funds: \$ 0.00

Total Funds: \$ 560,843.00

Benefit Report Type:

Area Benefit (Census)

Ancillary Activities

None

Projected Beneficiaries

of Persons

Total

40315

Low

14524

Mod

7696

Low/Mod%

55.12

Projected Accomplishments

Total

of Targeted Section 3 Labor Hours

of Section 3 Labor Hours

of Total Labor Hours

cubic feet of stormwater storage added

of Elevated Structures

Activity funds eligible for DREF (Ike Only)

of cable feet of public utility

of Linear miles of Public Improvement

of Linear feet of Public Improvement

12000

LMI%:



Proposed budgets for organizations carrying out Activity:

Responsible Organization	Organization Type	Proposed Budget
City of New Orleans	Local Government	\$ 560,843.00

Location Description:

GPS Coordinantes 30.011917,-90.069812

Activity Description:

Public Art and Awareness Campaign related to canals in the Gentilly District. Public art will be selected around the themes of climate risk awareness, urban heat, or flooding risk. Performance metric will be updated within 90 days to reflect number of persons within 0.5 mi of public improvement.

Environmental Assessment:

Environmental Reviews: None

Activity Attributes: None

Activity Supporting Documents: None



Grantee Activity Number: PNGI2017

Activity Title: NDR Pontilly Neighborhood Green Infrastructure

Activity Type:

Rehabilitation/reconstruction of a public improvement

Activity Status:

Under Way

Project Number:

UW2017

Project Title:

NDR Urban Water

Projected Start Date:

01/17/2017

Projected End Date:

09/30/2029

Project Draw Block by HUD:

Not Blocked

Project Draw Block Date by HUD:

Activity Draw Block by HUD:

Not Blocked

Activity Draw Block Date by HUD:

Block Drawdown By Grantee:

Not Blocked

Total Budget: \$ 3,393,300.00

Most Impacted and Distressed Budget: \$ 0.00

National Objective:

Low/Mod: Benefit to low- and moderate-income persons/families

Other Funds: \$ 13,500,000.00

Total Funds: \$ 16,893,300.00

Benefit Report Type:

Area Benefit (Census)

Ancillary Activities

None

Projected Beneficiaries

of Persons

Total

2345

Low

960

Mod

380

Low/Mod%

57.14

Projected Accomplishments

Total

of Targeted Section 3 Labor Hours

of Section 3 Labor Hours

of Total Labor Hours

cubic feet of stormwater storage added

of Elevated Structures

Activity funds eligible for DREF (Ike Only)

of cable feet of public utility

of Linear miles of Public Improvement

1

of Linear feet of Public Improvement

650000

LMI%:



Proposed budgets for organizations carrying out Activity:

Responsible Organization	Organization Type	Proposed Budget
City of New Orleans	Local Government	\$ 3,393,300.00
Funding Source Name	Matching Funds	Funding Amount
FEMA Public Assistance Funds	No	\$ 13,500,000.00

Location Description:

GPS Coordinates 30.014976,-90.038283

Activity Description:

Integration of improvements to the Dwyer Canal with a network of green infrastructure interventions along streets, in alleyways and within vacant lots in the Pontchartrain Park and Gentilly Woods neighborhoods. Improvements to Dwyer Canal include a pedestrian bridge to connect the two neighborhoods and access the linear park along the canal.

Environmental Assessment:

Environmental Reviews: None

Activity Attributes

Subject to Section 3 Requirements: Yes

Activity Supporting Documents: None



Grantee Activity Number: SAGS2017

Activity Title: NDR St. Anthony Green Streets

Activity Type:

Rehabilitation/reconstruction of a public improvement

Activity Status:

Under Way

Project Number:

UW2017

Project Title:

NDR Urban Water

Projected Start Date:

01/17/2017

Projected End Date:

09/30/2029

Project Draw Block by HUD:

Not Blocked

Project Draw Block Date by HUD:

Activity Draw Block by HUD:

Not Blocked

Activity Draw Block Date by HUD:

Block Drawdown By Grantee:

Not Blocked

Total Budget: \$ 20,109,826.00

Most Impacted and Distressed Budget: \$ 0.00

National Objective:

Low/Mod: Benefit to low- and moderate-income persons/families

Other Funds: \$ 10,005,119.00

Total Funds: \$ 30,114,945.00

Benefit Report Type:

Area Benefit (Census)

Ancillary Activities

None

Projected Beneficiaries

of Persons

Total

2190

Low

975

Mod

315

Low/Mod%

58.90

Projected Accomplishments

Total

of Targeted Section 3 Labor Hours

of Section 3 Labor Hours

of Total Labor Hours

cubic feet of stormwater storage added

of Elevated Structures

Activity funds eligible for DREF (Ike Only)

of cable feet of public utility

of Linear miles of Public Improvement

of Linear feet of Public Improvement

400000

LMI%:



Proposed budgets for organizations carrying out Activity:

Responsible Organization	Organization Type	Proposed Budget
City of New Orleans	Local Government	\$ 20,109,826.00
Funding Source Name	Matching Funds	Funding Amount
FEMA Public Assistance Funds	No	\$ 10,005,119.00

Location Description:

GPS Coordinates 30.014645,-90.067342

Activity Description:

Improved public green space (Gatto Playground and Filmore Park) and green infrastructure will be created. Public reen spaces will include features to engage the community outdoors, including benches, shade tree canopies, rubber surfaces with play equipment and shade structures, half basketball court, basevall backstop and walking trails. Below these areas, underground stormwater storage chambers will detain stormwater.

Green Infrastructure enhancements such as street and curb bioswales and bump-outs, permeable sidewalks, new street trees, subsurface water storage and rain gardens in vacant publicly owned parcels and roadsie public rights of way. Other funds have been leveraged to rehabilitate the neighborhood's aging drainage system, resulting in a consolidated and resilient "gray meets green" stormwater drainage solution in this community.

Performance metric will be updated within 90 days to reflect acres of new or improved green space.

Environmental Assessment:

Environmental Reviews: None

Activity Attributes

Subject to Section 3 Requirements: Yes
Disaster Type: Other

Activity Supporting Documents: None



Grantee Activity Number: SBNC2017

Activity Title: NDR St. Bernard Neighborhood Campus

Activity Type:

Rehabilitation/reconstruction of a public improvement

Activity Status:

Under Way

Project Number:

UW2017

Project Title:

NDR Urban Water

Projected Start Date:

01/17/2017

Projected End Date:

09/30/2029

Project Draw Block by HUD:

Not Blocked

Project Draw Block Date by HUD:

Activity Draw Block by HUD:

Not Blocked

Activity Draw Block Date by HUD:

Block Drawdown By Grantee:

Not Blocked

Total Budget: \$ 24,018,406.15

Most Impacted and Distressed Budget: \$ 0.00

Other Funds: \$ 0.00

Total Funds: \$ 24,018,406.15

National Objective:

Low/Mod: Benefit to low- and moderate-income persons/families

Benefit Report Type:

Area Benefit (Census)

Ancillary Activities

None

Projected Beneficiaries

of Persons

Total	Low	Mod	Low/Mod%
930	330	300	67.74

Projected Accomplishments

of Targeted Section 3 Labor Hours

of Section 3 Labor Hours

of Total Labor Hours

cubic feet of stormwater storage added

of Elevated Structures

Activity funds eligible for DREF (Ike Only)

of cable feet of public utility

of Linear miles of Public Improvement

of Linear feet of Public Improvement 300000

LMI%:



Proposed budgets for organizations carrying out Activity:

Responsible Organization	Organization Type	Proposed Budget
City of New Orleans	Local Government	\$ 24,018,406.15

Location Description:

GPS Coordinates 29.996061,-90.083077

Activity Description:

Improved public green space (football and baseball fields) will be created adjacent to the new McDonogh 35 College Preparatory High School. Below the public green spaces, underground stormwater storage chambers will retain/detain stormwater. Green infrastructure (rain gardens) will be created to detain and filter stormwater at storm inlets within neighborhood intersections east and southeast of the athletic fields.

In addition to storing significant amounts of stormwater underneath the high-performance football and baseball fields, the athletic complex will include recreational amenities such as high school regulation running track, a building for concessions and equipment storage, basketball court and spectator bleachers. Educational water features will be placed along walking trails/paths that meander through the project limits. These installations will raise awareness of water's role in the New Orleans urban environment through interactive activities. Other funds have been leveraged to facilitate tie-in of the rain gardens to the neighborhood's drainage system and repair street damages in the vicinity of the rain gardens, many of which obstruct the stormwater as it flows toward the rain gardens and adjacent city catch basins.

Performance metric will be updated within 90 days to reflect acres of new or improved green space.

Environmental Assessment: COMPLETED

Environmental Reviews: None

Activity Attributes

Subject to Section 3 Requirements:	Yes
Disaster Type:	Other
Facility Type:	Other

Activity Supporting Documents: None

Project # / **WD2017 / NDR Workforce Development**



Grantee Activity Number: WFD2017

Activity Title: NDR Workforce Development

Activity Type:

Public services

Activity Status:

Under Way

Project Number:

WD2017

Project Title:

NDR Workforce Development

Projected Start Date:

01/17/2017

Projected End Date:

09/30/2029

Project Draw Block by HUD:

Not Blocked

Project Draw Block Date by HUD:

Activity Draw Block by HUD:

Not Blocked

Activity Draw Block Date by HUD:

Block Drawdown By Grantee:

Not Blocked

Total Budget: \$ 3,000,000.00

Most Impacted and Distressed Budget: \$ 0.00

National Objective:

Low/Mod: Benefit to low- and moderate-income persons/families

Other Funds: \$ 0.00

Total Funds: \$ 3,000,000.00

Benefit Report Type:

Direct (Person)

Ancillary Activities

None

Projected Beneficiaries

	Total	Low	Mod	Low/Mod%
# of Persons	100	50	50	100.00
# of Cases closed	100	50	50	100.00
# of Cases opened	125	75	50	100.00

Projected Accomplishments

of Non-business Organizations benefitting

of Businesses

of public facilities

Total

Proposed budgets for organizations carrying out Activity:

Responsible Organization	Organization Type	Proposed Budget
City of New Orleans	Local Government	\$ 3,000,000.00

Location Description:



Citywide

Activity Description:

Provide opportunities for skilled employment and will focus on connecting unemployed and under-employed New Orleanians to a growing "water economy" through sustained outreach and job training.

Environmental Assessment:

Environmental Reviews: None

Activity Attributes

Disaster Type: Other

Activity Supporting Documents: None

Action Plan History

Version	Date
B-13-MS-22-0002 AP#9	02/04/2026
B-13-MS-22-0002 AP#8	08/13/2025
B-13-MS-22-0002 AP#7	02/03/2025
B-13-MS-22-0002 AP#6	02/01/2022
B-13-MS-22-0002 AP#5	06/18/2021
B-13-MS-22-0002 AP#4	01/30/2020
B-13-MS-22-0002 AP#3	05/09/2019
B-13-MS-22-0002 AP#2	10/20/2017
B-13-MS-22-0002 AP#1	06/23/2017

