

Grantee: New Orleans, LA

Grant: B-13-MS-22-0002

April 1, 2023 thru June 30, 2023 Performance Report

Grant Number:

B-13-MS-22-0002

Obligation Date:**Award Date:****Grantee Name:**

New Orleans, LA

Contract End Date:**Review by HUD:**

Submitted - Await for Review

Grant Award Amount:

\$141,260,569.00

Grant Status:

Active

QPR Contact:

No QPR Contact Found

LOCCS Authorized Amount:

\$141,260,569.00

Estimated PI/RL Funds:

\$0.00

Total Budget:

\$141,260,569.00

Disasters:

Declaration Number

No Disasters Found

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-090516/afh-plan-090516-final/>.

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-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.

Waggoner & Ball Architects, APC.

Waggoner & 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 NDRC 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 pathogens, (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.

Overall	This Report Period	To Date
Total Projected Budget from All Sources	\$0.00	\$145,017,565.06
Total Budget	\$0.00	\$141,260,569.00
Total Obligated	\$0.00	\$141,260,569.00
Total Funds Drawdown	\$1,265,294.33	\$21,777,357.21
Program Funds Drawdown	\$1,265,294.33	\$21,777,357.21
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$330,590.04	\$24,253,702.01
HUD Identified Most Impacted and Distressed	\$0.00	\$0.00
Other Funds	\$ 0.00	\$ 3,756,996.06
Match Funds	\$ 0.00	\$ 3,756,996.06
Non-Match Funds	\$ 0.00	\$ 0.00

Funds Expended

Overall	This Period	To Date
City of New Orleans	\$ 330,590.04	\$ 24,253,702.01

Other Funds:

Overall	This Period	To Date
Non-Matching Funds	\$ 0.00	\$ 0.00
FEMA Public Assistance Funds	\$ 0.00	\$ 0.00

Progress Toward Required Numeric Targets

Requirement	Target	Projected	Actual
Overall Benefit Percentage	50.00%	100.00%	12.31%
Overall Benefit Amount	\$63,942,867.00	\$127,885,734.00	\$15,747,520.02
Minimum Supporting Leverage	\$135,923,583.00	\$.00	\$.00
Minimum Direct Leverage	\$44,118,464.00	\$91,805,119.00	\$399,868.52
Limit on Public Services	\$21,189,085.35	\$3,000,000.00	\$1,278,595.72
Limit on Admin/Planning	\$28,252,113.80	\$13,374,835.00	\$6,029,837.19
Limit on Admin	\$.00	\$7,063,028.45	\$2,207,500.38
Most Impacted and Distressed	\$141,260,569.00	\$.00	\$.00

Overall Progress Narrative:

Urban water projects continued to progress toward bid and construction in the second quarter as environmental clearance progressed on Blue and Green Corridors, Dillard Wetlands, St. Anthony Green Streets, and St. Bernard Neighborhood Campus. Pontilly Phase II kicked off design, and Energy Reliability and Monitoring advertised equipment and installation for bid.

Project Summary

Project #, Project Title	This Report Program Funds Drawdown	To Date Project Funds Budgeted	Program Funds Drawdown
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9999, Restricted Balance	\$0.00	\$0.00	\$0.00
ADM2017, Administrative	\$61,932.84	\$7,063,028.45	\$2,207,500.38
CA2017, NDR Community Adaptation	\$264,304.97	\$6,163,625.00	\$6,037,084.36
LTC 2017, LTC-CNO Long Term Commitments	\$0.00	\$0.00	\$0.00
OV 2017, OV-CNO Outcome Values	\$0.00	\$0.00	\$0.00
PL2017, NDR Planning	\$134,719.18	\$6,311,806.55	\$3,822,336.81
RE2017, NDR Reliable Energy & Smart Systems	\$2,602.03	\$8,184,385.00	\$396,709.88
SL2017, SL-CNO Supporting Leverage	\$0.00	\$0.00	\$0.00
UW2017, NDR Urban Water	\$588,051.44	\$110,537,724.00	\$8,035,130.06
WD2017, NDR Workforce Development	\$213,683.87	\$3,000,000.00	\$1,278,595.72

Activities

Project # / ADM2017 / Administrative



Grantee Activity Number: ADM2017

Activity Title: NDR Administration

Activity Type:

Administration

Project Number:

ADM2017

Projected Start Date:

01/17/2017

Benefit Type:

N/A

National Objective:

NA

Activity Status:

Under Way

Project Title:

Administrative

Projected End Date:

09/22/2023

Completed Activity Actual End Date:

Responsible Organization:

City of New Orleans

Overall

Total Projected Budget from All Sources

Apr 1 thru Jun 30, 2023 To Date

\$0.00 \$7,063,028.45

Total Budget

\$0.00 \$7,063,028.45

Total Obligated

\$0.00 \$7,063,028.45

Total Funds Drawdown

\$61,932.84 \$2,207,500.38

Program Funds Drawdown

\$61,932.84 \$2,207,500.38

Program Income Drawdown

\$0.00 \$0.00

Program Income Received

\$0.00 \$0.00

Total Funds Expended

\$435.49 \$3,466,522.31

City of New Orleans

\$435.49 \$3,466,522.31

Most Impacted and Distressed Expended

\$0.00 \$0.00

Activity Description:

Administrative activities associated with implementation of the NDR grant.

Location Description:

Activity Progress Narrative:

The City of New Orleans is aware that the planning and administration activities have outpaced all other activities. Going forward, we will ensure that time is properly charged as activity delivery costs and not planning and administration costs to ensure we have adequate funds to finish out this grant.

Accomplishments Performance Measures

No Accomplishments Performance Measures



Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources

No Other Funding Sources Found

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

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

Project Number:
CA2017

Projected Start Date:
01/17/2017

Benefit Type:
Direct (HouseHold)

National Objective:
Low/Mod

Activity Status:
Under Way

Project Title:
NDR Community Adaptation

Projected End Date:
09/22/2023

Completed Activity Actual End Date:

Responsible Organization:
City of New Orleans

Overall	Apr 1 thru Jun 30, 2023	To Date
Total Projected Budget from All Sources	\$0.00	\$6,163,625.00
Total Budget	\$0.00	\$6,163,625.00
Total Obligated	\$0.00	\$6,163,625.00
Total Funds Drawdown	\$264,304.97	\$6,037,084.36
Program Funds Drawdown	\$264,304.97	\$6,037,084.36
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$5,737,721.68
Most Impacted and Distressed Expended	\$0.00	\$0.00

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.

Location Description:

GPS Coordinates 30.013816,-90.060509

Activity Progress Narrative:

The City of New Orleans is aware that the planning and administration activities have outpaced all other activities. Going forward, we will ensure that time is properly charged as activity delivery costs and not planning and administration costs to ensure we have adequate funds to finish out this grant.

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of Properties	0	91/140



	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of Housing Units	0	91/140
# of Singlefamily Units	0	91/140

Beneficiaries Performance Measures

	This Report Period			Cumulative Actual Total / Expected			
	Low	Mod	Total	Low	Mod	Total	Low/Mod%
# of Households	0	0	0	125/20	68/120	193/140	100.00
# Owner	0	0	0	125/20	68/120	193/140	100.00

Activity Locations

No Activity Locations found.

Other Funding Sources

No Other Funding Sources Found

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Activity Supporting Documents: None

Project # / PL2017 / NDR Planning

Grantee Activity Number: P2017

Activity Title: NDR Planning

Activity Type:

Planning

Project Number:

PL2017

Projected Start Date:

01/17/2017

Benefit Type:

Area (Census)

National Objective:

NA

Activity Status:

Under Way

Project Title:

NDR Planning

Projected End Date:

09/22/2023

Completed Activity Actual End Date:

Responsible Organization:

City of New Orleans

Overall

Total Projected Budget from All Sources

Apr 1 thru Jun 30, 2023 To Date

\$0.00 \$6,311,806.55

Total Budget

\$0.00 \$6,311,806.55

Total Obligated

\$0.00 \$6,311,806.55

Total Funds Drawdown

\$134,719.18 \$3,822,336.81

Program Funds Drawdown

\$134,719.18 \$3,822,336.81

Program Income Drawdown

\$0.00 \$0.00

Program Income Received

\$0.00 \$0.00

Total Funds Expended

\$36,086.99 \$4,860,528.76

City of New Orleans

\$36,086.99 \$4,860,528.76

Most Impacted and Distressed Expended

\$0.00 \$0.00

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.

Location Description:

Activity Progress Narrative:

The Planning activity includes several subsections such as Species Monitoring, District Planning, Repetitive Loss Area Analysis, and Green Infrastructure Finance. Trust for Public Land completed two reports: 1) a feasibility study on financing green infrastructure in New Orleans and 2) a literature review of the eco-social and economic benefits of parks and green infrastructure in New Orleans. Planning and coordination occurred to support seasonal species monitoring activities in the next quarter.



Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources

No Other Funding Sources Found

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

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

Project Number:

RE2017

Projected Start Date:

01/17/2017

Benefit Type:

Area (Census)

National Objective:

Low/Mod

Activity Status:

Under Way

Project Title:

NDR Reliable Energy & Smart Systems

Projected End Date:

09/22/2023

Completed Activity Actual End Date:

Responsible Organization:

City of New Orleans

Overall	Apr 1 thru Jun 30, 2023	To Date
Total Projected Budget from All Sources	\$0.00	\$1,265,178.00
Total Budget	\$0.00	\$1,265,178.00
Total Obligated	\$0.00	\$1,265,178.00
Total Funds Drawdown	\$967.97	\$9,181.73
Program Funds Drawdown	\$967.97	\$9,181.73
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$38,129.49
Most Impacted and Distressed Expended	\$0.00	\$0.00

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.

Location Description:

GPS Coordinates 29.958764,-90.128486

Activity Progress Narrative:

The subrecipient advertised the equipment and installation for bid in this quarter. An insufficient number of bids were received, and the package will be readvertised following an internal review.

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of public facilities	0	0/1



Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources

No Other Funding Sources Found

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Activity Supporting Documents: None



Grantee Activity Number: MG2017

Activity Title: NDR Microgrids

Activity Type:

Rehabilitation/reconstruction of a public improvement

Project Number:

RE2017

Projected Start Date:

01/17/2017

Benefit Type:

Area (Census)

National Objective:

Low/Mod

Activity Status:

Under Way

Project Title:

NDR Reliable Energy & Smart Systems

Projected End Date:

09/22/2023

Completed Activity Actual End Date:

Responsible Organization:

City of New Orleans

Overall

Total Projected Budget from All Sources

Apr 1 thru Jun 30, 2023

To Date

\$0.00

\$5,634,535.00

Total Budget

\$0.00

\$5,634,535.00

Total Obligated

\$0.00

\$5,634,535.00

Total Funds Drawdown

\$725.61

\$22,390.66

Program Funds Drawdown

\$725.61

\$22,390.66

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$0.00

\$46,746.50

Most Impacted and Distressed Expended

\$0.00

\$0.00

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.

Location Description:

GPS Coordinates 30.004670,-90.038409

Activity Progress Narrative:

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of Linear feet of Public	0	0/100

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources

No Other Funding Sources Found

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Activity Supporting Documents: None



Grantee Activity Number: WMN2017

Activity Title: NDR Water Monitoring Network

Activity Type:

Construction/reconstruction of water/sewer lines or systems

Project Number:

RE2017

Projected Start Date:

01/17/2017

Benefit Type:

Area (Census)

National Objective:

Low/Mod

Activity Status:

Under Way

Project Title:

NDR Reliable Energy & Smart Systems

Projected End Date:

09/22/2023

Completed Activity Actual End Date:

Responsible Organization:

City of New Orleans

Overall

Total Projected Budget from All Sources

Apr 1 thru Jun 30, 2023

To Date

\$0.00

\$1,284,672.00

Total Budget

\$0.00

\$1,284,672.00

Total Obligated

\$0.00

\$1,284,672.00

Total Funds Drawdown

\$908.45

\$365,137.49

Program Funds Drawdown

\$908.45

\$365,137.49

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$176,469.60

\$226,033.98

City of New Orleans

\$176,469.60

\$226,033.98

Most Impacted and Distressed Expended

\$0.00

\$0.00

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.

Location Description:

GPS Coordinates 30.012462,-90.060367

Activity Progress Narrative:

: Deltares submitted two reports to the Department of Stormwater and Green Infrastructure: 1) a summary of groundwater monitoring in New Orleans and 2) an assessment of land subsidence in New Orleans.

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of public facilities	0	0/1



Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources

No Other Funding Sources Found

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

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

Project Number:
UW2017

Projected Start Date:
01/17/2017

Benefit Type:
Area (Census)

National Objective:
Low/Mod

Activity Status:
Under Way

Project Title:
NDR Urban Water

Projected End Date:
09/22/2023

Completed Activity Actual End Date:

Responsible Organization:
City of New Orleans

Overall	Apr 1 thru Jun 30, 2023	To Date
Total Projected Budget from All Sources	\$0.00	\$42,811,380.00
Total Budget	\$0.00	\$42,811,380.00
Total Obligated	\$0.00	\$42,811,380.00
Total Funds Drawdown	\$197,115.13	\$3,512,998.28
Program Funds Drawdown	\$197,115.13	\$3,512,998.28
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$3,653,775.99
Most Impacted and Distressed Expended	\$0.00	\$0.00

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.

Location Description:

GPS Coordinates 30.016742,-90.060658

Activity Progress Narrative:

[Environmental review of RFP package for tree root pruning and relocation and bid package for Phase I of Blue and Green Corridors progressed to FONSI and request for public comment. Consultation with tribes and state historic preservation officer \(SHPO\) proceeded this quarter. Cultural resource survey of the project area was requested by SHPO. Procurement of cultural resource survey was initiated. Preparation of final bid package for Phases II and III continued.](#)



Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of Linear miles of Public	0	0/5

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources

	Amount
FEMA Public Assistance Funds	\$49,500,000.00
Total Other Funding Sources	\$0.00

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Activity Supporting Documents: None

Grantee Activity Number: DW2017

Activity Title: NDR Dillard Wetland

Activity Type:

Rehabilitation/reconstruction of a public improvement

Project Number:

UW2017

Projected Start Date:

01/17/2017

Benefit Type:

Area (Census)

National Objective:

Low/Mod

Activity Status:

Under Way

Project Title:

NDR Urban Water

Projected End Date:

09/22/2023

Completed Activity Actual End Date:**Responsible Organization:**

City of New Orleans

Overall	Apr 1 thru Jun 30, 2023	To Date
Total Projected Budget from All Sources	\$0.00	\$6,793,561.00
Total Budget	\$0.00	\$6,793,561.00
Total Obligated	\$0.00	\$6,793,561.00
Total Funds Drawdown	\$1,930.16	\$496,982.44
Program Funds Drawdown	\$1,930.16	\$496,982.44
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$579,925.99
Most Impacted and Distressed Expended	\$0.00	\$0.00

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.

Location Description:

GPS Coordinates 29.999517,-90.070303

Activity Progress Narrative:

[The servitude agreement with Orleans Parish School Board was finalized, and an ordinance was approved. The contract has been forwarded to OPSB for signature through the Law Department. The project is currently awaiting Environmental Clearance.](#) The servitude agreement with Orleans Parish School Board was finalized, and an ordinance was approved. The contract has been forwarded to OPSB for signature through the Law Department. The project is currently awaiting Environmental Clearance.

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of Linear feet of Public	0	0/1700000

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources

	Amount
FEMA Hazard Mitigation Funds	\$6,500,000.00
Total Other Funding Sources	\$0.00

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Activity Supporting Documents: None

Grantee Activity Number: MC2017

Activity Title: NDR Milneburg Neighborhood Stormwater Resilience

Activity Type:

Rehabilitation/reconstruction of a public improvement

Project Number:

UW2017

Projected Start Date:

01/17/2017

Benefit Type:

Area (Census)

National Objective:

Low/Mod

Activity Status:

Under Way

Project Title:

NDR Urban Water

Projected End Date:

09/22/2023

Completed Activity Actual End Date:**Responsible Organization:**

City of New Orleans

Overall**Total Projected Budget from All Sources****Apr 1 thru Jun 30, 2023****To Date**

\$0.00

\$9,048,800.00

Total Budget

\$0.00

\$9,048,800.00

Total Obligated

\$0.00

\$9,048,800.00

Total Funds Drawdown

\$104,136.87

\$380,180.85

Program Funds Drawdown

\$104,136.87

\$380,180.85

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$0.00

\$397,227.11

Most Impacted and Distressed Expended

\$0.00

\$0.00

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.

Location Description:

GPS Coordinates 30.014604,-90.052590

Activity Progress Narrative:

Following submittal of the Scoping Report, the project has been placed on hold pending confirmation of ownership and dedication of public use for project sites.

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of Linear feet of Public	0	0/700000

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources

No Other Funding Sources Found

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Activity Supporting Documents: None

Grantee Activity Number: MWG2017

Activity Title: NDR Mirabeau Water Garden

Activity Type:
Rehabilitation/reconstruction of a public improvement

Project Number:
UW2017

Projected Start Date:
01/17/2017

Benefit Type:
Area (Census)

National Objective:
Low/Mod

Activity Status:
Under Way

Project Title:
NDR Urban Water

Projected End Date:
09/22/2023

Completed Activity Actual End Date:

Responsible Organization:
City of New Orleans

Overall	Apr 1 thru Jun 30, 2023	To Date
Total Projected Budget from All Sources	\$0.00	\$12,400,871.00
Total Budget	\$0.00	\$12,400,871.00
Total Obligated	\$0.00	\$12,400,871.00
Total Funds Drawdown	\$1,544.94	\$59,083.92
Program Funds Drawdown	\$1,544.94	\$59,083.92
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$90,265.79
Most Impacted and Distressed Expended	\$0.00	\$0.00

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

Location Description:

GPS Coordinates 30.005230,-90.080576

Activity Progress Narrative:

The leverage activity was advertised for bid. Coordination and planning continue for Phase II design.

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of Linear feet of Public	0	0/1450000



Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources

FEMA Hazard Mitigation Funds

Amount

\$12,300,000.00

Total Other Funding Sources

\$0.00

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Activity Supporting Documents:

None



Grantee Activity Number: OALAC2017

Activity Title: NDR Gentilly Canals and Lagoons

Activity Type:
Rehabilitation/reconstruction of a public improvement

Project Number:
UW2017

Projected Start Date:
01/17/2017

Benefit Type:
Area (Census)

National Objective:
Low/Mod

Activity Status:
Under Way

Project Title:
NDR Urban Water

Projected End Date:
09/22/2023

Completed Activity Actual End Date:

Responsible Organization:
City of New Orleans

Overall	Apr 1 thru Jun 30, 2023	To Date
Total Projected Budget from All Sources	\$0.00	\$560,843.00
Total Budget	\$0.00	\$560,843.00
Total Obligated	\$0.00	\$560,843.00
Total Funds Drawdown	\$179,280.06	\$348,995.61
Program Funds Drawdown	\$179,280.06	\$348,995.61
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$298,986.17
Most Impacted and Distressed Expended	\$0.00	\$0.00

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.

Location Description:

GPS Coordinantes 30.011917,-90.069812

Activity Progress Narrative:

Artists are now awaiting construction of Gatto and Filmore Park (NDR002A, see activity SAGS2017) construction to begin fabricating artwork. The artwork, "Living with Water", was installed in the District at a temporary location pending construction of activity BGC2017.

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of Linear feet of Public	0	0/12000



Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources

No Other Funding Sources Found

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Activity Supporting Documents: None



Grantee Activity Number: PNGI2017

Activity Title: NDR Pontilly Neighborhood Green Infrastructure

Activity Type:

Rehabilitation/reconstruction of a public improvement

Project Number:

UW2017

Projected Start Date:

01/17/2017

Benefit Type:

Area (Census)

National Objective:

Low/Mod

Activity Status:

Under Way

Project Title:

NDR Urban Water

Projected End Date:

09/22/2023

Completed Activity Actual End Date:

Responsible Organization:

City of New Orleans

Overall	Apr 1 thru Jun 30, 2023	To Date
Total Projected Budget from All Sources	\$0.00	\$3,393,300.00
Total Budget	\$0.00	\$3,393,300.00
Total Obligated	\$0.00	\$3,393,300.00
Total Funds Drawdown	\$3,807.54	\$135,631.95
Program Funds Drawdown	\$3,807.54	\$135,631.95
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$201,573.38
Most Impacted and Distressed Expended	\$0.00	\$0.00

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.

Location Description:

GPS Coordinates 30.014976,-90.038283

Activity Progress Narrative:

Dwyer Canal kick off meeting was held in April. The project is in the preliminary stages of design.

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of Linear feet of Public	0	0/650000



Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources

	Amount
FEMA Public Assistance Funds	\$13,500,000.00
Total Other Funding Sources	\$0.00

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Activity Supporting Documents: None



Grantee Activity Number: SAGS2017

Activity Title: NDR St. Anthony Green Streets

Activity Type:
Rehabilitation/reconstruction of a public improvement

Project Number:
UW2017

Projected Start Date:
01/17/2017

Benefit Type:
Area (Census)

National Objective:
Low/Mod

Activity Status:
Under Way

Project Title:
NDR Urban Water

Projected End Date:
09/22/2023

Completed Activity Actual End Date:

Responsible Organization:
City of New Orleans

Overall	Apr 1 thru Jun 30, 2023	To Date
Total Projected Budget from All Sources	\$0.00	\$20,109,826.00
Total Budget	\$0.00	\$20,109,826.00
Total Obligated	\$0.00	\$20,109,826.00
Total Funds Drawdown	\$250,878.52	\$1,995,138.28
Program Funds Drawdown	\$250,878.52	\$1,995,138.28
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$2,104,995.73
Most Impacted and Distressed Expended	\$0.00	\$0.00

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.

Location Description:

GPS Coordinates 30.014645,-90.067342

Activity Progress Narrative:

NDR002A – Filmore and Gatto Parks and Playgrounds (NDR funds ONLY): Preparing for Bid Phase. Environmental Review request submitted November 18. On March 20, 2023, the Choctaw Nation of Oklahoma requested HUD consultation. ER coordination ongoing. NDR002B, NDR002C – SAGS Streets – (NDR/JIRR leverage funds): Pre-bid status. Design substantially complete (post 90%). Consultant is working on final revisions and details. SGI is coordinating roadwork schedule with adjacent DPW/FEMA projects. Environmental Review request to be submitted April 13.



Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of Linear feet of Public	0	0/400000

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources

	Amount
FEMA Public Assistance Funds	\$10,005,119.00
Total Other Funding Sources	\$0.00

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Activity Supporting Documents: None

Grantee Activity Number: SBNC2017

Activity Title: NDR St. Bernard Neighborhood Campus

Activity Type:

Rehabilitation/reconstruction of a public improvement

Project Number:

UW2017

Projected Start Date:

01/17/2017

Benefit Type:

Area (Census)

National Objective:

Low/Mod

Activity Status:

Under Way

Project Title:

NDR Urban Water

Projected End Date:

09/22/2023

Completed Activity Actual End Date:**Responsible Organization:**

City of New Orleans

Overall**Total Projected Budget from All Sources****Apr 1 thru Jun 30, 2023****To Date**

\$0.00

\$15,419,143.00

Total Budget

\$0.00

\$15,419,143.00

Total Obligated

\$0.00

\$15,419,143.00

Total Funds Drawdown

(\$150,641.78)

\$1,106,118.73

Program Funds Drawdown

(\$150,641.78)

\$1,106,118.73

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$0.00

\$1,293,547.50

Most Impacted and Distressed Expended

\$0.00

\$0.00

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 throughout 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.

Location Description:

GPS Coordinates 29.996061,-90.083077

Activity Progress Narrative:

NDR058A – SBNC Athletic Fields and Underground Stormwater Storage (NDR funds ONLY): Pre-bid status. Environmental Review request submitted December 14 and is still ongoing. NDR058B – SBNC Multi-Purpose Recreation Support Building (NDR funds ONLY): Final design. Preparing for Bid Phase. Environmental Review request submitted December 14 and is still ongoing. NDR058C – SBNC Bayou St. John Park & Neighborhood



Green Infrastructure (NDR/JIRR leverage funds): Final design. Received 90% construction documents for distribution and review. Environmental Review request to be submitted April 12.

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of Linear feet of Public	0	0/300000

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources

No Other Funding Sources Found

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Activity Supporting Documents: None

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

Grantee Activity Number: WFD2017

Activity Title: NDR Workforce Development

Activity Type:

Public services

Project Number:

WD2017

Projected Start Date:

01/17/2017

Benefit Type:

Direct (Person)

National Objective:

Low/Mod

Activity Status:

Under Way

Project Title:

NDR Workforce Development

Projected End Date:

09/22/2023

Completed Activity Actual End Date:

Responsible Organization:

City of New Orleans

Overall

Total Projected Budget from All Sources

Apr 1 thru Jun 30, 2023 To Date

\$0.00 \$3,000,000.00

Total Budget

\$0.00 \$3,000,000.00

Total Obligated

\$0.00 \$3,000,000.00

Total Funds Drawdown

\$213,683.87 \$1,278,595.72

Program Funds Drawdown

\$213,683.87 \$1,278,595.72

Program Income Drawdown

\$0.00 \$0.00

Program Income Received

\$0.00 \$0.00

Total Funds Expended

\$117,597.96 \$1,257,721.63

City of New Orleans

\$117,597.96 \$1,257,721.63

Most Impacted and Distressed Expended

\$0.00 \$0.00

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.

Location Description:

Citywide

Activity Progress Narrative:

Accomplishments Performance Measures

No Accomplishments Performance Measures



Beneficiaries Performance Measures

	This Report Period			Cumulative Actual Total / Expected			
	Low	Mod	Total	Low	Mod	Total	Low/Mod%
# of Permanent	0	0	0	0/0	0/0	0/0	0

	This Report Period			Cumulative Actual Total / Expected			
	Low	Mod	Total	Low	Mod	Total	Low/Mod%
# of Persons	0	0	0	0/50	0/50	0/100	0

Activity Locations

No Activity Locations found.

Other Funding Sources

No Other Funding Sources Found

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Activity Supporting Documents: None