

Grantee: New Orleans, LA

Grant: B-13-MS-22-0002

January 1, 2019 thru March 31, 2019 Performance Report



Grant Number:

B-13-MS-22-0002

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

New Orleans, LA

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

Original - In Progress

Grant Award Amount:

\$141,260,569.00

Grant Status:

Active

QPR Contact:

Natasha Muse

LOCCS Authorized Amount:

\$141,260,569.00

Estimated PI/RL Funds:**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 20thcentury 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 Capital Projects Administration. 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 24 CFR 85.20(b)(3). The City’s 2014 financial audit for fiscal year 2013 confirmed that HUD funds are under sound management, demonstrating the ability to maintain the highest standards of fiscal responsibility. 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.

- Cedric S. Grant – Executive Director, Sewerage and Water Board (SWBNO) & Manager of City Infrastructure: Capital and Infrastructure Management
- o Katie M. Dignan – Project Delivery Unit Manager: Capital and Infrastructure Budget and Grant Administration
- o Mark Jernigan – Director of Public Works: Project Management Supervision for Department of Public Works
- o Bruce Adams – Deputy General Superintendent Sewerage and Water Board: Project Management Supervision for Sewerage and Water Board
- o Vincent Smith – Director Capital Projects Administration: Project Management Supervision for Facilities
- o William Gilchrist – Director of Place-based Planning: Design Review for all projects and coordination with City Planning Commission
- o Robert Rivers – Director, City Planning Commission: Design Review for all projects and coordination with Place-based Planning
- Jeff Hebert – Chief Administrative Officer and Chief Resilience Officer, City of New Orleans: Project design, development, and engagement
- o Ellen Lee – Director, Office of Community Development: HUD Liaison
- o Natasha Muse – Director of Administrative Services OCD: Grant Administration
- o Charles Allen – Outreity Engagement and Awareness Building
- Brenda Breaux –Executive Director, New Orleans Redevelopment Authority (NORA): Program administration
- o Lois Colson – Program Manager, NORA: Program administration

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 ag

Overall	This Report Period	To Date
Total Projected Budget from All Sources	N/A	\$233,065,688.00
Total Budget	\$0.00	\$141,260,569.00
Total Obligated	\$0.00	\$141,260,569.00
Total Funds Drawdown	\$918,509.19	\$2,290,396.48
Program Funds Drawdown	\$918,509.19	\$2,290,396.48
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$1,408,966.55	\$3,260,680.15
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$155,215.50	\$3,512,343.04



Progress Toward Required Numeric Targets

Requirement	Target	Actual
Overall Benefit Percentage (Projected)		100.00%
Overall Benefit Percentage (Actual)		100.00%
Minimum Non-Federal Match	\$0.00	\$3,512,343.04
Limit on Public Services	\$21,189,085.35	\$0.00
Limit on Admin/Planning	\$28,252,113.80	\$1,714,999.76
Limit on Admin	\$0.00	\$666,267.92
Most Impacted and Distressed Threshold (Projected)	\$141,260,569.00	\$0.00

Overall Progress Narrative:

CDBG-NDR First Quarter 2019
Narrative

Since approval of the CDBG-NDR Action Plan, the City of New Orleans has advanced the progress of the proposed actions of the NDR application to move into program and project design. The MID-URN subarea of Gentilly, as described in the application, is the focus of the proposed NDR-funded projects, which encompass water management, resilient and reliable energy systems, workforce development, and community development. The City has worked with NDR partners, as identified in the application, to develop project support and data tools, establish data protocols for research, and advanced planning and outreach and comDuring the reporting period the city worked moved the NDR program forward through the continued process of carrying out activities for projects listed in the grant application.

Specific details on actions and accomplishments under each of these activities are provided under each activity narrative within this QPR. Other key overall accomplishments during the quarter included:

- The City held several community visioning and design workshop with residents of the Gentilly community to gather input/feedback on the project design as well as provide update the residents on the progress of the activity associated with their neighborhood. The City has worked to host several capacity building events to educate and inform residents on the city's drainage system, green infrastructure job economy and storm water management interventions. The City participated in several events providing project updates and collecting feedback from residents, including the St. Anthony Green Streets Neighborhood Tours, Workforce Development outreach, and presentations to local business development and investment groups.
- The City continues to publicize its resilience strategies internationally, using the Gentilly Resilience District as a pilot project.
- The City continued staffing of the Project Delivery Unit Sustainable Infrastructure section.
- The City completed scoping of the Milne Campus Urban Water project, and preliminary design of the St. Bernard Neighborhood Campus and Blue and Green Corridors projects. The leverage project Pontilly Hazard Mitigation began construction.

Project Summary

Project #, Project Title	This Report Period	To Date	
	Program Funds Drawdown	Project Funds Budgeted	Program Funds Drawdown
9999, Restricted Balance	\$0.00	\$0.00	\$0.00
CA2017, NDR Community Adaptation	\$50,107.25	\$5,900,000.00	\$108,036.50
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



PA2017, NDR Planning & Administration	\$588,399.88	\$13,374,835.00	\$1,714,999.76
RE2017, NDR Reliable Energy & Smart Systems	\$0.00	\$8,184,385.00	\$19,688.84
SL2017, SL-CNO Supporting Leverage	\$0.00	\$0.00	\$0.00
UW2017, NDR Urban Water	\$280,002.06	\$110,801,349.00	\$447,671.38
WD2017, NDR Workforce Development	\$0.00	\$3,000,000.00	\$0.00



Activities

Project # / Title: CA2017 / NDR Community Adaptation

Grantee Activity Number: RF2017

Activity Title: NDR Retrofit Private Properties

Activity Category:

Rehabilitation/reconstruction of residential structures

Project Number:

CA2017

Projected Start Date:

01/17/2017

Benefit Type:

Direct Benefit (Households)

National Objective:

Low/Mod

Activity Status:

Under Way

Project Title:

NDR Community Adaptation

Projected End Date:

09/22/2022

Completed Activity Actual End Date:

Responsible Organization:

City of New Orleans

Overall

Total Projected Budget from All Sources

Jan 1 thru Mar 31, 2019

N/A

To Date

\$5,900,000.00

Total Budget

\$0.00

\$5,900,000.00

Total Obligated

\$0.00

\$5,900,000.00

Total Funds Drawdown

\$50,107.25

\$108,036.50

Program Funds Drawdown

\$50,107.25

\$108,036.50

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$61,329.29

\$123,121.89

City of New Orleans

\$61,329.29

\$123,121.89

Most Impacted and Distressed Expended

\$0.00

\$0.00

Match Contributed

\$0.00

\$0.00

Activity Description:

Provide LMI private property owners with improvement of their property with energy efficiency, stormwater management, home elevation and storm resilience features. Program Delivery costs are also included.

Location Description:

GPS Coordinates 30.013816,-90.060509

Activity Progress Narrative:

Project # / Title: CA2017 / NDR Community Adaptation
 NDR Community Adaptation
 Activity Progress Narrative:



The City of New Orleans and the New Orleans Redevelopment Authority (NORA) executed a five-year subrecipient agreement on February 28, 2018 with an effective date of February 1, 2017 for NORA to administer the Community Adaptation Program. Since the launch, NORA has received 580 applications. Staff began receiving pre-applications from potential homeowner participants and reviewing for eligibility. First round of eligibility notices were mailed in July. NORA staff has completed 89 site assessments and 91 properties have an environmental clearance. Currently, 140 LMI households are at or past the Site Assessment phase (88 are 50% or below AMI, 52 are between 51% and 80% AMI). NORA held a Designer Open House on February 16, 2019 with 100 attendees, and participated in the St. Anthony Green Streets Neighborhood Tours on March 30, 2019.

Accomplishments Performance Measures

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

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

Beneficiaries Performance Measures

	This Report Period			Cumulative Actual Total / Expected			
	Low	Mod	Total	Low	Mod	Total	Low/Mod
# of Households	0	0	0	0/20	0/120	0/140	0
# Owner Households	0	0	0	0/20	0/120	0/140	0

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources	Amount
No Other Funding Sources Found	
Total Other Funding Sources	

Project # / Title: PA2017 / NDR Planning & Administration

Grantee Activity Number: ADM2017
Activity Title: NDR Administration

Activity Category: Administration
Activity Status: Under Way
Project Number: PA2017
Project Title: NDR Planning & Administration



Projected Start Date:

01/17/2017

Projected End Date:

09/22/2022

Benefit Type:

N/A

Completed Activity Actual End Date:**National Objective:**

NA

Responsible Organization:

City of New Orleans

Overall**Total Projected Budget from All Sources****Jan 1 thru Mar 31, 2019**

N/A

To Date

\$7,063,028.45

Total Budget

\$0.00

\$7,063,028.45

Total Obligated

\$0.00

\$7,063,028.45

Total Funds Drawdown

\$102,030.70

\$666,267.92

Program Funds Drawdown

\$102,030.70

\$666,267.92

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$476,602.17

\$1,017,035.59

City of New Orleans

\$476,602.17

\$1,017,035.59

Most Impacted and Distressed Expended

\$0.00

\$0.00

Match Contributed

\$0.00

\$0.00

Activity Description:

Administrative activities associated with implementation of the NDR grant.

Location Description:**Activity Progress Narrative:**

Reconciliation of expenses, review of file documentation and updated process flows.

Accomplishments Performance Measures**No Accomplishments Performance Measures**

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources



Grantee Activity Number:	P2017
Activity Title:	NDR Planning

Activity Category:

Planning

Project Number:

PA2017

Projected Start Date:

01/17/2017

Benefit Type:

Area Benefit (Census)

National Objective:

NA

Activity Status:

Under Way

Project Title:

NDR Planning & Administration

Projected End Date:

09/22/2022

Completed Activity Actual End Date:

Responsible Organization:

City of New Orleans

Overall	Jan 1 thru Mar 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$6,311,806.55
Total Budget	\$0.00	\$6,311,806.55
Total Obligated	\$0.00	\$6,311,806.55
Total Funds Drawdown	\$486,369.18	\$1,048,731.84
Program Funds Drawdown	\$486,369.18	\$1,048,731.84
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$714,462.43	\$1,485,611.13
City of New Orleans	\$714,462.43	\$1,485,611.13
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$250,000.00

Activity Description:

Overall planning activities associated with the NDR grant. Proposed accomplishments pending.

Location Description:

Activity Progress Narrative:

Tulane University continued Species Monitoring in the District. Tulane will work with the Mosquito Control Board to identify adaptive strategies for maintenance of project sites. The Trust for Public Land (TPL) is continuing to demo, train and generally promote the use of the Climate Smart Cities decision support tool. In February, TPL met City staff to provided an overview of the decision support tool and identified opportunities to support the City's hazard mitigation planning process. TPL also met with local private sector water experts to help them incorporate the tool into their work in New Orleans. TPL updated the decision support tool in January 2019.

Repetitive Loss Area Analysis

The City engaged the University of New Orleans to conduct preliminary analyses of repetitive losses to designate potential repetitive loss analysis/outreach areas and assemble a database of risk data (maps, parcel data), and develop an online data collection tool for residents to share information. Ten repetitive loss (RL) areas have been selected. The survey tool for online data collection is open at this time, with development of the online tool ongoing.



Data on 118,078 properties has been collected to date. The UNO team met with multiple city officials to develop the remote data collection tool used to capture data on city structures. Training guidance documents were developed for continued use by students

The project team began to conduct on-site verification of selected buildings in the Bywater, Gentilly, Lakeview, and the Lower Ninth Ward. The project team began to summarize building survey data per district and to develop related maps. The UNO team presented results of the Repetitive Loss Area Analysis at the Louisiana Floodplain Managers Association (LFMA) 2019 Annual Meeting .

Comprehensive Recovery Plan

The City issued a Request for Information for Comprehensive Recovery Plan Development in February 2018. Based on the responses received, the City has prepared a draft Request for Proposals for a Comprehensive Recovery Plan and completed an independent cost estimate of the value of the services. The RFP has been circulated through City departments and is slated to be advertised in May 2019.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Project # / Title: RE2017 / NDR Reliable Energy & Smart Systems

Grantee Activity Number: ERM2017

Activity Title: NDR Energy Redundancy & Monitoring

Activity Category:

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:

09/22/2022

Benefit Type:

Area Benefit (Census)

Completed Activity Actual End Date:

National Objective:

Responsible Organization:



Overall	Jan 1 thru Mar 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$1,190,178.00
Total Budget	\$0.00	\$1,190,178.00
Total Obligated	\$0.00	\$1,190,178.00
Total Funds Drawdown	\$0.00	\$400.00
Program Funds Drawdown	\$0.00	\$400.00
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$6,152.30	\$6,552.30
City of New Orleans	\$6,152.30	\$6,552.30
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

Develop energy redundancy and monitoring systems at critical water infrastructure sites. By enabling public visibility and awareness on how energy is critical to urban systems like drainage and water treatment and to overall safety, New Orleans can continue building a culture of preparedness for future disasters. Performance measures will be updated within 90 days.

Location Description:

GPS Coordinates 29.958764,-90.128486

Activity Progress Narrative:

The HMGP leverage project, Oak Street Pump Station, is in construction and is 83% complete. The HMGP leverage project, Power Plant Retrofit, has been divided into two projects. The Feeders Design Build project is 93% complete in construction, and the Power House General project is in final design.

Accomplishments Performance Measures

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

Beneficiaries Performance Measures

	Beneficiaries - Area Benefit Census Method			
	Low	Mod	Total	Low/Mod
# of Persons	98694	49140	284079	52.04

LMI%:	
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Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources



Grantee Activity Number: MG2017

Activity Title: NDR Microgrids

Activity Category:

Rehabilitation/reconstruction of a public improvement

Project Number:

RE2017

Projected Start Date:

01/17/2017

Benefit Type:

Area Benefit (Census)

National Objective:

Low/Mod

Activity Status:

Under Way

Project Title:

NDR Reliable Energy & Smart Systems

Projected End Date:

09/22/2022

Completed Activity Actual End Date:

Responsible Organization:

City of New Orleans

Overall	Jan 1 thru Mar 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$5,750,535.00
Total Budget	\$0.00	\$5,750,535.00
Total Obligated	\$0.00	\$5,750,535.00
Total Funds Drawdown	\$0.00	\$14,955.08
Program Funds Drawdown	\$0.00	\$14,955.08
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$6,505.43	\$19,058.01
City of New Orleans	\$6,505.43	\$19,058.01
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

Design and install two 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 measure will be updated within 90 days.

Location Description:

GPS Coordinates 30.004670,-90.038409

Activity Progress Narrative:

Sandia National Laboratory provided an intermediate report to the City of New Orleans in June 2018 that finalized the priority resilience nodes for the microgrid pilot. Since that time, Sandia has been working with officials from the City, Sewerage and Water Board and Entergy to conduct an in-depth design of the potential sites, perform a cost-benefit to the microgrids, including resilience benefits, and validate constructability of the projects. The final deliverable (report) from Sandia was received in February 2019. City staff reviewed and provided comment on the final draft to Sandia in March 2019. In addition to concluding the feasibility study, the City is also working to hire an Energy Program Manager to manage the design and construction of the microgrid platform by next quarter.



Accomplishments Performance Measures

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

Beneficiaries Performance Measures

	Beneficiaries - Area Benefit Census Method			
	Low	Mod	Total	Low/Mod
# of Persons	5990	3115	18150	50.17

LMI%:

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources	Amount
No Other Funding Sources Found	
Total Other Funding Sources	

Grantee Activity Number:	WMN2017
Activity Title:	NDR Water Monitoring Network

Activity Category:

Construction/reconstruction of water/sewer lines or systems

Project Number:

RE2017

Projected Start Date:

01/17/2017

Benefit Type:

Area Benefit (Census)

National Objective:

Low/Mod

Activity Status:

Under Way

Project Title:

NDR Reliable Energy & Smart Systems

Projected End Date:

09/22/2022

Completed Activity Actual End Date:

Responsible Organization:

City of New Orleans

Overall	Jan 1 thru Mar 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$1,243,672.00
Total Budget	\$0.00	\$1,243,672.00
Total Obligated	\$0.00	\$1,243,672.00
Total Funds Drawdown	\$0.00	\$4,333.76
Program Funds Drawdown	\$0.00	\$4,333.76
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$3,664.38	\$7,998.14
City of New Orleans	\$3,664.38	\$7,998.14
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

Construction of a district-scale Gentilly Water Monitoring Network including 84 groundwater monitoring wells.

Location Description:

GPS Coordinates 30.012462,-90.060367

Activity Progress Narrative:

An evaluation of potential monitoring locations is underway, and the network is being designed as Deltares builds regional groundwater models and uses the model results to guide determination of optimal network distribution. Two models are being built with one at a coarse scale covering the entire city as well as a fine mesh model over the Gentilly Resilience District. They are currently being calibrated against observations of groundwater levels throughout the City as well as pumping station data to evaluate the infiltration into the drainage system. A pre-draft version of a report on subsidence vulnerability within the City is being peer reviewed and will be available for review by the City when that peer review is completed. Deltares is currently conducting an inventory of Green Infrastructure sustainable drainage systems within the City. During the review the locations and the state of each site, they are developing assessments of the practices that have been effective for maintaining the utility of the sites as well as evaluating the effectiveness of the sites for retaining runoff. These results will be collated into a summary report. Deltares met with Sewerage and Water Board employees and modellers to discuss coupling the Stormwater



Management Model (SWMM) with the groundwater model to develop an integrated model of the City. With this integrated model, Deltares expects to be able to evaluate operational procedures and evaluate the potential skill of rainfall driven forecasting for the City.

Accomplishments Performance Measures

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

Beneficiaries Performance Measures

# of Persons	Beneficiaries - Area Benefit Census Method			
	Low	Mod	Total	Low/Mod
	5820	3090	17430	51.12

LMI%:

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources	Amount
No Other Funding Sources Found	
Total Other Funding Sources	

Project # / Title: UW2017 / NDR Urban Water

Grantee Activity Number: BGC2017

Activity Title: NDR Blue Green Corridors

Activity Category:
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:
09/22/2022

Benefit Type:
Area Benefit (Census)

Completed Activity Actual End Date:



National Objective:

Low/Mod

Responsible Organization:

City of New Orleans

Overall	Jan 1 thru Mar 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$45,244,000.00
Total Budget	\$0.00	\$45,244,000.00
Total Obligated	\$0.00	\$45,244,000.00
Total Funds Drawdown	\$1,704.25	\$13,425.45
Program Funds Drawdown	\$1,704.25	\$13,425.45
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$28,600.09	\$47,757.03
City of New Orleans	\$28,600.09	\$47,757.03
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

Green corridors consist of wide bioswales in medians, new tree canopy and permeable sidewalks. Blue corridors consist of curb cuts that will allow stormwater from streets to be collected by enhancing existing wide medians.

Location Description:

GPS Coordinates 30.016742,-90.060658

Activity Progress Narrative:

The Blue and Green Corridors team provided their Scoping Report to the City on January 22, 2019. The Blue and Green Corridors team provided their Preliminary Design deliverable on March 8, 2019. The City review and comment of the Preliminary Design deliverable is expected to conclude in the next quarter, with the design team being advanced to the 60% preliminary design stage.

Accomplishments Performance Measures

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

Beneficiaries Performance Measures

	Beneficiaries - Area Benefit Census Method			
	Low	Mod	Total	Low/Mod
# of Persons	2410	995	5540	61.46

LMI%:	
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Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

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



Grantee Activity Number:	DW2017
Activity Title:	NDR Dillard Wetland

Activity Category:

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:

09/22/2022

Benefit Type:

Area Benefit (Census)

Completed Activity Actual End Date:

National Objective:

Low/Mod

Responsible Organization:

City of New Orleans

Overall	Jan 1 thru Mar 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$7,125,930.00
Total Budget	\$0.00	\$7,125,930.00
Total Obligated	\$0.00	\$7,125,930.00
Total Funds Drawdown	\$106.64	\$2,308.65
Program Funds Drawdown	\$106.64	\$2,308.65
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$2,583.41	\$2,941.89
City of New Orleans	\$2,583.41	\$2,941.89
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

This project transforms the site into an educational and recreational natural preserve open to the public and schools. Proposed accomplishments measured by area not length.

Location Description:

GPS Coordinates 29.999517,-90.070303

Activity Progress Narrative:

The project is currently in scoping phase. During this reporting period, Tulane University continued avian surveys and mosquito monitoring of the site. City staff reviewed species survey of the parcel and drafted a request for proposal for design of interventions in the parcel.

Accomplishments Performance Measures

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



Beneficiaries Performance Measures

Beneficiaries - Area Benefit Census Method

# of Persons	Low	Mod	Total	Low/Mod
	2755	1280	7190	56.12

LMI%:	
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Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

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



Grantee Activity Number:	MC2017
Activity Title:	NDR Milne Campus

Activity Category:

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:

09/22/2022

Benefit Type:

Area Benefit (Census)

Completed Activity Actual End Date:

National Objective:

Low/Mod

Responsible Organization:

City of New Orleans

Overall	Jan 1 thru Mar 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$9,048,800.00
Total Budget	\$0.00	\$9,048,800.00
Total Obligated	\$0.00	\$9,048,800.00
Total Funds Drawdown	\$235.07	\$12,026.50
Program Funds Drawdown	\$235.07	\$12,026.50
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$14,208.22	\$27,322.84
City of New Orleans	\$14,208.22	\$27,322.84
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

Development of an existing historic site with green infrastructure enhancements including permeable parking lots, landscaping and recreational facilities that double as stormwater management. Includes a playing field with subsurface water storage and bioswales strategically located to collect stormwater without disrupting recreational program elements. Proposed accomplishments measured by area not length.

Location Description:

GPS Coordinates 30.014604,-90.052590

Activity Progress Narrative:

The City held a Stakeholders meeting with the Milne Trust to review the conceptual design of the Campus. The design team submitted their Conceptual Report to the City its partners and it is currently out for review.

Accomplishments Performance Measures

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



Beneficiaries Performance Measures

Beneficiaries - Area Benefit Census Method

# of Persons	Low	Mod	Total	Low/Mod
	2625	1315	7420	53.10

LMI%:	
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Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources	Amount
No Other Funding Sources Found	
Total Other Funding Sources	



Grantee Activity Number:	MWG2017
Activity Title:	NDR Mirabeau Water Garden

Activity Category:

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:

09/22/2022

Benefit Type:

Area Benefit (Census)

Completed Activity Actual End Date:

National Objective:

Low/Mod

Responsible Organization:

City of New Orleans

Overall	Jan 1 thru Mar 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$13,007,650.00
Total Budget	\$0.00	\$13,007,650.00
Total Obligated	\$0.00	\$13,007,650.00
Total Funds Drawdown	\$6,559.64	\$36,402.00
Program Funds Drawdown	\$6,559.64	\$36,402.00
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$23,087.87	\$65,925.70
City of New Orleans	\$23,087.87	\$65,925.70
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$155,215.50	\$1,622,030.05

Activity Description:

Transformation of a 25 acre cleared site into an engineered Blue-Green Parkland. Proposed accomplishments will be updated within 90 days. The proposed accomplishment data is measured by area not length.

Location Description:

GPS Coordinates 30.005230,-90.080576

Activity Progress Narrative:

The FEMA HMGP-funded portion of the project is at 100% design. The City received notification from FEMA of the approval of construction funds for theHMGP-funded phase. However, the City has not received official documentation of the HMGP construction funds, and this has delayed advancing the HMGP portion into construction.

Accomplishments Performance Measures

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



Beneficiaries Performance Measures

Beneficiaries - Area Benefit Census Method

# of Persons	Low	Mod	Total	Low/Mod
	1675	700	4595	51.69

LMI%:

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources	Amount
FEMA Hazard Mitigation Funds	\$12,300,000.00
Total Other Funding Sources	\$12,300,000.00



Grantee Activity Number:	OALAC2017
Activity Title:	NDR Orleans & London Avenue Canals

Activity Category:
Rehabilitation/reconstruction of a public improvement

Project Number:
UW2017

Projected Start Date:
01/17/2017

Benefit Type:
Area Benefit (Census)

National Objective:
Low/Mod

Activity Status:
Planned

Project Title:
NDR Urban Water

Projected End Date:
09/22/2022

Completed Activity Actual End Date:

Responsible Organization:
City of New Orleans

Overall	Jan 1 thru Mar 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$560,843.00
Total Budget	\$0.00	\$560,843.00
Total Obligated	\$0.00	\$560,843.00
Total Funds Drawdown	\$4,331.41	\$9,205.62
Program Funds Drawdown	\$4,331.41	\$9,205.62
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$21,288.52	\$22,885.76
City of New Orleans	\$21,288.52	\$22,885.76
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

Public Art and Awareness Campaign related to canals. The City will work with the Arts Council to integrate local youth and artists into the implementation of the Resilient New Orleans strategy. The Arts Council will engage students at the NET Charter High School to imagine, design and build creative interventions that help tell the story of resilience in New Orleans while inviting residents and visitors to engage actively with our urban water system. Through the Youth Solutions training process, they will be equipped with the skills needed to execute their vision.

Location Description:

GPS Coordinates 30.011917,-90.069812

Activity Progress Narrative:

Project Delivery Unit worked with the Law and Procurements Offices, as well as the Office of Community Development, to finalize the CEA and issue it for the Arts Council’s signature. Environmental clearance of the Orleans Canal site is in progress and is expected to conclude April 25, 2019. Activities in the next quarter include the kickoff of placemaking activities. This project will be used to demonstrate the efficacy of engaging youth and artists in the process of designing a site to engage residents in a conversation about “living with water,” while creating a community asset and recreational opportunity.



Accomplishments Performance Measures

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

Beneficiaries Performance Measures

# of Persons	Beneficiaries - Area Benefit Census Method			
	Low	Mod	Total	Low/Mod
	98694	49140	284079	52.04

LMI%:

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources	Amount
No Other Funding Sources Found	
Total Other Funding Sources	



Grantee Activity Number:	PNGI2017
Activity Title:	NDR Pontilly Neighborhood Green Infrastructure

Activity Category:

Rehabilitation/reconstruction of a public improvement

Project Number:

UW2017

Projected Start Date:

01/17/2017

Benefit Type:

Area Benefit (Census)

National Objective:

Low/Mod

Activity Status:

Under Way

Project Title:

NDR Urban Water

Projected End Date:

09/22/2022

Completed Activity Actual End Date:

Responsible Organization:

City of New Orleans

Overall	Jan 1 thru Mar 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$3,393,300.00
Total Budget	\$0.00	\$3,393,300.00
Total Obligated	\$0.00	\$3,393,300.00
Total Funds Drawdown	\$1,126.37	\$73,885.29
Program Funds Drawdown	\$1,126.37	\$73,885.29
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$8,606.44	\$84,580.60
City of New Orleans	\$8,606.44	\$84,580.60
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$1,640,312.99

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. Proposed accomplishments are measured by area not length.

Location Description:

GPS Coordinates 30.014976,-90.038283

Activity Progress Narrative:

Construction of the FEMA Hazard Mitigation Grant Program (HMGP) funded portion of this project began in March 2019. This phase of the project includes green infrastructure and drainage improvements to the Dwyer Canal and in vacant lots, streets, alleyways, and other open spaces in the Pontchartrain Park and Gentilly Woods neighborhoods with a primary goal of flood risk reduction.

During this reporting period, the city and the selected vendor concluded contract negotiation and began cost negotiation.



Accomplishments Performance Measures

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

Beneficiaries Performance Measures

# of Persons	Beneficiaries - Area Benefit Census Method			
	Low	Mod	Total	Low/Mod
	960	380	2345	57.14

LMI%:	
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Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources	Amount
FEMA Hazard Mitigation Funds	\$13,500,000.00
Total Other Funding Sources	\$13,500,000.00



Grantee Activity Number:	SAGS2017
Activity Title:	NDR St. Anthony Green Streets

Activity Category:

Rehabilitation/reconstruction of a public improvement

Activity Status:

Planned

Project Number:

UW2017

Project Title:

NDR Urban Water

Projected Start Date:

01/17/2017

Projected End Date:

09/22/2022

Benefit Type:

Area Benefit (Census)

Completed Activity Actual End Date:

National Objective:

Low/Mod

Responsible Organization:

City of New Orleans

Overall	Jan 1 thru Mar 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$21,109,826.00
Total Budget	\$0.00	\$21,109,826.00
Total Obligated	\$0.00	\$21,109,826.00
Total Funds Drawdown	\$1,647.12	\$8,124.77
Program Funds Drawdown	\$1,647.12	\$8,124.77
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$23,445.81	\$37,615.97
City of New Orleans	\$23,445.81	\$37,615.97
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

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. Accomplishment data is measured by area not length.

Location Description:

GPS Coordinates 30.014645,-90.067342

Activity Progress Narrative:

The City concluded review and comment on the Scoping Report during this quarter, and advanced the consultant team to preliminary design. The Consultant team engaged in several activities this quarter to refine the design and engage the community, including the following tours on March 29th and 30th: St. Anthony Green Streets Neighborhood History Tour, Architecture and Resilience Tour, Plants and Ecology Tour, and Flow of Water Tour. Each tour was conducted over one and one-half hours and featured residents, members of the design team, and local experts. During the next quarter, the design team will deliver preliminary design plans for review and comment by the City.



Accomplishments Performance Measures

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

Beneficiaries Performance Measures

# of Persons	Beneficiaries - Area Benefit Census Method			
	Low	Mod	Total	Low/Mod
	975	315	2190	58.90

LMI%:	
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Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

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

Grantee Activity Number:	SBNC2017
Activity Title:	NDR St. Bernard Neighborhood Campus

Activity Category:

Rehabilitation/reconstruction of a public improvement

Project Number:

UW2017

Projected Start Date:

01/17/2017

Benefit Type:

Area Benefit (Census)

National Objective:

Low/Mod

Activity Status:

Planned

Project Title:

NDR Urban Water

Projected End Date:

09/22/2022

Completed Activity Actual End Date:

Responsible Organization:

City of New Orleans

Overall	Jan 1 thru Mar 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$11,311,000.00
Total Budget	\$0.00	\$11,311,000.00
Total Obligated	\$0.00	\$11,311,000.00
Total Funds Drawdown	\$264,291.56	\$292,293.10
Program Funds Drawdown	\$264,291.56	\$292,293.10
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$12,739.47	\$306,582.58
City of New Orleans	\$12,739.47	\$306,582.58
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

Construction of a high performance football field that stores significant amounts of stormwater and includes perimeter berms. In addition, the City will construct an educational water playground that will raise awareness of water's role in the New Orleans urban environment through interactive activities. Proposed accomplishment data is measured by area not length.

Location Description:

GPS Coordinates 29.996061,-90.083077

Activity Progress Narrative:

The City concluded review and comment of the 30% design deliverable during this quarter. During the next quarter, the design team will incorporate review and comment into their 60% design deliverable. The design team held coordination meetings with the Department of Public Works to address leverage roadway improvements in the area of St. Bernard.

Accomplishments Performance Measures

This Report Period	Cumulative Actual Total / Expected
Total	Total



Beneficiaries Performance Measures

Beneficiaries - Area Benefit Census Method

# of Persons	Low	Mod	Total	Low/Mod
	330	300	930	67.74

LMI%:	
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Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources	Amount
No Other Funding Sources Found	
Total Other Funding Sources	

Project # / Title: WD2017 / NDR Workforce Development

Grantee Activity Number:	WFD2017
Activity Title:	NDR Workforce Development

Activity Category:
Econ. development or recovery activity that creates/retains

Project Number:
WD2017

Projected Start Date:
01/17/2017

Benefit Type:
Direct Benefit (Persons)

National Objective:
Low/Mod

Activity Status:
Planned

Project Title:
NDR Workforce Development

Projected End Date:
09/22/2022

Completed Activity Actual End Date:

Responsible Organization:
City of New Orleans

Overall **Jan 1 thru Mar 31, 2019** **To Date**



Total Projected Budget from All Sources	N/A	\$3,000,000.00
Total Budget	\$0.00	\$3,000,000.00
Total Obligated	\$0.00	\$3,000,000.00
Total Funds Drawdown	\$0.00	\$0.00
Program Funds Drawdown	\$0.00	\$0.00
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$5,690.72	\$5,690.72
City of New Orleans	\$5,690.72	\$5,690.72
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$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. Preliminary measures will be updated in 90 days.

Location Description:

Citywide

Activity Progress Narrative:

City staff held a recruiting and information session on March 16, 2019 at Dillard University's Georges Auditorium in Gentilly. City offices of Labor Compliance and Supplier Diversity issued invitations to businesses registered with the City, as well as publicizing the event through the City's public calendar, website, and social media accounts. Additionally, the City offices of Labor Compliance, Project Delivery Unit, and Supplier Diversity continued to draft the RFP for workforce development training services.

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 Jobs Created	0	0	0	0/50	0/50	0/100	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 Budgeted - Detail

No Other Match Funding Sources Found



Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

