

Grantee: Tennessee

Grant: B-13-DS-47-0002

October 1, 2019 thru December 31, 2019

Grant Number: B-13-DS-47-0002	Obligation Date:	Award Date:
Grantee Name: Tennessee	Contract End Date:	Review by HUD: Reviewed and Approved
Grant Award Amount: \$44,502,374.00	Grant Status: Active	QPR Contact: No QPR Contact Found
LOCCS Authorized Amount: \$44,502,374.00	Estimated PI/RL Funds:	
Total Budget: \$44,502,374.00		

Disasters:

Declaration Number

No Disasters Found

Narratives

Executive Summary:

The third largest river in the world, the fabled Father of Waters, the mighty Mississippi River, fuels industry, recreation and tourism, creates a livelihood for thousands who live along or near its banks and has inspired countless writers and musicians. But it also wreaks havoc on those same lives and communities through flooding. It is West Tennessee's biggest asset and biggest challenge. The 2011 floods and severe storms in rural West Tennessee were no exception. Much of this flooding was in rural areas and had a significant impact on low-to moderate-income citizens. In response to the impacts caused by the historic floods, the State of Tennessee has developed a comprehensive approach, titled Rural by Nature, to address needs of rural Tennessee. The Rural by Nature application combines federal, state and local partners in a collaborative effort to create resilient rural communities in these often ignored areas. These projects not only proactively minimize loss from future flooding and related natural occurrences but will create communities that can successfully manage and recover from shocks and stressors while building their economy and their assets. Great attention is being given to developing plans that are replicable and can be used in other rural areas along all of our major rivers across the country, particularly as climate change increases the frequency and disruptive force of disasters. While they generally receive less attention in disaster planning, rural areas are the heartbeat of America. Rural areas represent 90% of America's land mass and are the heart of our food production. Rural communities formed the foundation upon which our country was built. They also contain some of our most vulnerable citizens and have high levels of poverty and unemployment. Rural children, in particular, have been disproportionately affected by the recent economic downturn. This is particularly significant since child poverty often has an impact that lasts throughout a lifetime. The target areas for Rural by Nature are no exception – they are extremely distressed and have economies that are built on agriculture and food production. Funding for the projects chosen for Rural by Nature will enable the state to proactively reduce flood losses that will inevitably occur; to preserve the natural environmental and water resources that make the communities what they are; reduce the impacts of flooding; promote economic development, tourism, agriculture and recreation; and strategically deploy available resources to make the most significant impact. The result will be economically viable communities that will be able to attract and support businesses, weather natural disasters (including floods and earthquakes) and prepare for the impacts of climate change. This requires a comprehensive planning process to ensure that the progress already made is leveraged to meet unmet needs while creating strong opportunities for recreation, tourism and agriculture, currently the mainstays of these communities. To create a comprehensive, regional program, the unmet needs are addressed by projects in two basic groups: infrastructure repairs and economic revitalization. Without resilient infrastructure repairs, the communities will continue to spend a disproportionate amount on making short-term repairs that do not offer additional protection from

Executive Summary:

uture disasters. Without the economic revitalization projects, the communities will not have an opportunity to build on their assets in a way that promotes resiliency and recovery. Although none of the NDR projects are housing activities, ECD is committed to affirmatively furthering fair housing throughout the implementation of all the NDR projects and the administration of the grant. ECD and its sub-grantees will conduct the NDR activities in accordance with the State's Analysis of Im

MID-URN Areas:

Eligible activity. Funds will be used solely for the necessary expenses related to disaster relief, recovery and resiliency. All activities proposed in Phase 2 are eligible according to Community Development Block Grant (CDBG) rules and regulations, state and federal laws, the Stafford Act, etc. Proposal incorporates resiliency. All activities proposed in Phase 2 have incorporated resiliency to future flooding, climate change, earthquakes and other potential disasters. Tennessee has developed a partnership including other state, federal and local departments, non-profits and faith-based organizations for this application that will continue to work together to determine how future projects can incorporate the themes of resiliency. National objective. With respect to activities expected to be assisted with CDBG-NDR funds, the Application has



been developed to give the maximum feasible priority to activities that will benefit low- and moderate-income (LMI) families. All projects meet a national objective. Overall benefit. The aggregate use of CDBG–NDR funds will principally benefit LMI families in a manner that ensures that at least 50 percent of the grant amount is expended for activities that benefit such persons, unless waived by Housing and Urban Development (HUD) based on a finding of compelling need. It is expected that well over 50 percent of funds will benefit LMI populations. Tie-back. Each target area and each project proposed in Phase 2 ties back to a disaster that occurred in an approved target area in 2011. One application per applicant. This is the only application that will be submitted by the State of Tennessee. Certifications. Tennessee Department of Economic and Community Development (TNECD) will comply with the certifications included in Attachment C and signed as a part of the electronic SF424. In Phase 1, The Rural by Nature project was composed of nine target areas in West and Middle Tennessee. During the development of the Phase 2 application, TNECD held multiple stakeholder meetings and consulted with professional engineers, educators, and other partners to determine the most affected areas and where the National Disaster Resilience Competition (NDRC) dollars could make the greatest impact. During these meetings it was determined that the focus for Phase 2 would be the 6 target areas in West Tennessee. Five of the target areas border the Mississippi River and the sixth has tributaries flowing to the Mississippi River; all are subject to regular flooding and experience other similar threats including the impacts of climate change and the risk of flooding and other damage from earthquakes and tornados. These are the most distressed and most impacted areas affected by the disasters that occurred in Tennessee in 2011 and early 2012. Below are the overviews of the target areas. Target Area 1 – Dyer County Eligible county: The eligible county is Dyer County. Most impacted and distressed target area: The target area census tracts are 9643, 9644, 9646 and 9648. MID URN Information: Impact – Infrastructure. The flooding in the City of Dyersburg caused damage to the sewer system in excess of \$4 million. Distress – Disaster impacted low- and moderate-income (LMI) households. The census tracts that make up the target area contain 51.25% LMI households. Disaster impacted an economically fragile area. Thrats in the target area is 9.45%, which is 152.4

MID-URN Areas:

% of the national unemployment rate (Most Distressed Characteristics). Unmet recovery need – Infrastructure. At least \$4M in unmet infrastructure need that cannot be funded through other sources is documented in the target area. Narrative: The Forked Deer River runs through downtown Dyersburg to the Mississippi River and the wastewater treatment plant is located in this area. Dyersburg has revitalized their downtown over the last few years. By becoming a Main Street community, working with gra

Key Agencies, Partners, Positions, Personnel:

Chief Engineer

Dusty Mayes - Project Manager (Kimley Horn Engineering Consultants)

Project #7: Jackson Flood Control - West TN River Basin Authority

David Salyers - Executive Director

David Blackwood - Chief Engineer

Dusty Mayes - Project Manager (Kimley Horn Engineering Consultants)

Project #8: Cold Creek Chute Restoration

David Salyers - Executive Director

David Blackwood - Chief Engineer

Dusty Mayes - Project Manager (Kimley Horn Engineering Consultants)

Project #9: Mississippi River Corridor Overlook – Lauderdale County

Maurice Gaines – Lauderdale County Mayor

A2H Inc. – Engineering Design

Community Development Partners, LLC - Grant Administration

Project #10: Hazard Mapping, Assessment, and Education - University of Memphis

Gary Lee Patterson - Director of Education & Outreach - Center of Earthquake Research & Information

Mark Abkowitz - Director of Vanderbilt Center for Environmental Management Studies - Vanderbilt University

Mary MacKinnon - Grant Writer - Central U.S. Earthquake Consortium

Kendra Abkowitz - Senior Policy Analyst - Office of Policy and Planning, TDEC

Key Agencies, Partners, Positions, Personnel:

Existing Management Structure

The Rural by Nature project will be led by TNECD, and Kent Archer, CDBG Director, will serve as the overall Program Manager. Joe Slaughter, Resilience Coordinator, will be the day-to-day contact for the projects. Brooxie and Kent currently manage all of the CDBG and CDBG-DR funds for the department; their staff will assist with the technical aspects of the projects. The Office of Community Programs is a part of the Rural Development division of TNECD. Other staff including regional staff working in the communities and other Rural Development staff will assist with the management of these projects.

While TNECD will manage the funding for the Rural by Nature project, the State has contracted with Stantec to assist in the overall Program Management and technical oversight tasks.

Stantec will provide management support to ensure resiliency and quality are adhered to within each activity. The Stantec Program Manager will be Steve Field, PE.

Each discipline has an assigned Subject Matter Expert (SME) who is licensed Professional Engineer (PE) and will oversee the activities that fall under their area of expertise. George Athanasakes will serve as the SME for Floodways and Trails. Paul Thomas will serve as SME for Wastewater. Amy Tolley will serve as SME for Social/Housing. Additionally, Marc Pearson, a Certified Floodplain Manager (CFM) will serve as SME for the Multi Hazard Mapping and Education. Susan Marlow will serve as Account Manager and ECD liaison to sub grantees. Cherie Akers will serve as SME for Planning.

Stantec will assist TNECD by utilizing an established Program Management framework to create cost containment and promote quality control throughout the entire Program. Stantec will employ the same framework for each of the Program activities presented in this application.

Project #1: Jackson Wastewater System Improvements - Jackson Energy Authority

Eddie O'Neill - JEA

JR Wauford & Company, Consulting Engineers, Inc. - Engineering Design

Community Development Partners, LLC. - Grant Administration

Project #2: Dyersburg Wastewater System Rehabilitation - City of Dyersburg

John Holder - Mayor, City of Dyersburg

Scott Ball - Construction Manager

Tiffany Heard - City Engineer

Community Development Partners, LLC - Grant Administration

Project #3: Henning Wastewater System Rehabilitation – Town of Henning

Marva Temple - Mayor, Town of Henning



A2H, Inc. - Engineering Design
 Community Development Partners, LLC - Grant Administration

Project #4: Mississippi River Levee Pump Installation – West TN River Basin Authority
 David Salyers - Executive Director
 David Blackwood - Chief Engineer
 Dusty Mayes - Project Manager (Kimley Horn Engineering Consultants)

Project #5: Dyersburg Wetland Creation and Recreation Facilities - City of Dyersburg
 John Holder - Mayor, City of Dyersburg
 Scott Ball - Construction Manager
 Tiffany Heard - City Engineer
 Community Development Partners, LLC - Grant Administration

Project #6: Forked Deer River Floodplain and Waterway Restoration - West TN River Basin Authority
 David Salyers - Executive Director
 David Blackwood - Ch

Overall	This Report Period	To Date
Total Projected Budget from All Sources	N/A	\$58,070,174.00
Total Budget	\$0.00	\$44,502,374.00
Total Obligated	\$1,293,049.04	\$15,162,229.72
Total Funds Drawdown	\$1,137,160.08	\$15,006,340.76
Program Funds Drawdown	\$1,137,160.08	\$15,006,340.76
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$6,586,643.10	\$15,006,340.76
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

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	\$0.00
Limit on Public Services	\$6,675,356.10	\$0.00
Limit on Admin/Planning	\$8,900,474.80	\$2,350,863.97
Limit on Admin	\$0.00	\$704,724.87
Most Impacted and Distressed Threshold (Projected)	\$0.00	\$0.00

Overall Progress Narrative:

Overall approximately 33% has been expended. Of the 9 construction activities, 1 is complete, 6 are in construction, 2 have plans and specifications approved and will go to bid next quarter, and 1 is wrapping up acquisition. All activities are on track to be completed before the end of the grant, with the infrastructure activities making the most progress so far. The activities addressing wetlands and creating space to flood have taken a little longer due to the additional time required for acquisition and working within the parameters of wet weather. The planing and assessment activity is also progressing well. Each of the sub-activities is on track and are at varying stages of completion. Additionally, we are continuing to work with our subrecipients and HUD to finalize and implement a revised set of metrics.



Project Summary

Project #, Project Title

Project #, Project Title	This Report	To Date	
	Program Funds Drawdown	Project Funds Budgeted	Program Funds Drawdown
LTC Project Tennessee, Long Term Commitments	\$0.00	\$0.00	\$0.00
NDR 01 JEA, Jackson Wastewater System Improvements	\$294,683.05	\$13,400,000.00	\$4,315,420.90
NDR 02 Dyersburg, Dyersburg Wastewater System	\$0.00	\$3,042,500.00	\$2,664,860.88
NDR 03 Henning, Henning Wastewater System	\$71,358.81	\$1,809,000.00	\$1,218,163.93
NDR 04 WTRBA, Mississippi River Levee Pump Installation	\$0.00	\$2,945,000.00	\$429,128.50
NDR 05 Dyersburg, Dyersburg Wetlands Creation and	\$344,026.55	\$4,619,100.00	\$2,731,018.12
NDR 06 WTRBA, Forked Deer River Floodplain and	\$10,270.00	\$5,660,000.00	\$291,101.00
NDR 07 WTRBA, Jackson Flood Control	\$123,605.96	\$5,860,000.00	\$628,734.46
NDR 08 WTRBA, Cold Creek Chute Restoration	\$2,068.00	\$185,000.00	\$31,750.00
NDR 09 Lauderdale County, Mississippi River Corridor	\$28,423.00	\$1,244,500.00	\$345,299.00
NDR 10 University of Memphis, Hazard Mapping,	\$219,421.28	\$3,576,731.00	\$1,646,139.10
NDR Administration, Administration	\$43,303.43	\$2,160,543.00	\$704,724.87
OV Project Tennessee, NDR Outcome Values	\$0.00	\$0.00	\$0.00
SL Project Tennessee, Supporting Leverage	\$0.00	\$0.00	\$0.00



Activities

Project # / NDR 01 JEA / Jackson Wastewater System Improvements

Grantee Activity Number: NDR 01 JEA
Activity Title: Jackson Wastewater System Improvements

Activity Category: Construction/reconstruction of water/sewer lines or systems	Activity Status: Under Way
Project Number: NDR 01 JEA	Project Title: Jackson Wastewater System Improvements
Projected Start Date: 12/27/2016	Projected End Date: 09/30/2022
Benefit Type: Area ()	Completed Activity Actual End Date:
National Objective: Low/Mod	Responsible Organization: Jackson Energy Authority

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$13,400,000.00
Total Budget	\$0.00	\$13,400,000.00
Total Obligated	\$294,683.05	\$4,315,420.90
Total Funds Drawdown	\$294,683.05	\$4,315,420.90
Program Funds Drawdown	\$294,683.05	\$4,315,420.90
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$354,277.87	\$4,315,420.90
Jackson Energy Authority	\$354,277.87	\$4,315,420.90
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

During the 2011 flood the Jackson Energy Authority Miller Avenue Wastewater Treatment Plant (MAWTP) exceeded its average daily flow of 9.3 million gallons per day (MGD) by approximately three and a half times. While many improvements were made, there are still unmet needs. This project includes three parts 1) influent structure replacement; 2) rehabilitation of the Riverside Interceptor, the primary method for collecting wastewater; and 3) redundancy in South Jackson water and sanitary sewer currently located on the bridge across the Forked Deer River where a failure would affect over 9,000 customers including most of the county's industrial facilities.

Location Description:

Southern half of Madison County. Includes the following Census Tracts.
 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 13, 14.01, 14.02, 17, 18, 19



Activity Progress Narrative:

Funds Expended amount adjusted to reconcile discrepancies from previous QPRs. The Phase II pumping station rehabilitation was completed during this quarter. Construction began on Phase III contract and is continuing. Employee interviews and continued review of certified payrolls was completed. Design on Phase V was completed, and the plans and specifications were approved on December 9, 2019. All easements needed for Phase V have been completed and recorded as required.

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 # / NDR 02 Dyersburg / Dyersburg Wastewater System

Grantee Activity Number: NDR 02 Dyersburg

Activity Title: Dyersburg Wastewater System Rehabilitation

Activity Category:

Construction/reconstruction of water/sewer lines or systems

Project Number:

NDR 02 Dyersburg

Projected Start Date:

12/27/2016

Benefit Type:

Area ()

National Objective:

Low/Mod

Activity Status:

Under Way

Project Title:

Dyersburg Wastewater System Rehabilitation

Projected End Date:

09/30/2022

Completed Activity Actual End Date:

Responsible Organization:

City of Dyersburg

Overall

Total Projected Budget from All Sources

Total Budget

Total Obligated

Oct 1 thru Dec 31, 2019

N/A

\$0.00

\$0.00

To Date

\$3,042,500.00

\$3,042,500.00

\$2,664,860.88



Total Funds Drawdown	\$0.00	\$2,664,860.88
Program Funds Drawdown	\$0.00	\$2,664,860.88
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$1,323,025.30	\$2,664,860.88
City of Dyersburg	\$1,323,025.30	\$2,664,860.88
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

The Dyersburg Wastewater System Rehabilitation project strives to repair the gravity sewer lines and manholes in the area impacted by the 2011 flood event. The system will be made resistant to flooding by retrofitting the existing manholes with water tight lids and slip lining damaged pipe to prevent I/I. This area of the City, known as "South Town", is critical to the infrastructure in Dyersburg, because 90% of all sewer in Dyersburg must pass through this basin before being discharged into the WWTP. The flooding event caused an increase in I/I and SSOs due to damage and siltation of the line.

Location Description:

Dyer County, Census Tracts 9643, 9644, 9646, and 9648

Activity Progress Narrative:

Funds Expended amount adjusted to reconcile discrepancies from previous QPRs. This project was completed on September 2019. Metrics monitoring is continuing.

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of Linear feet of Public	0	0/8600

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

Match Sources	Amount
City of Dyersburg	\$1,000,000.00
Subtotal Match Sources	
Other Funding Sources	Amount
No Other Funding Sources Found	
Total Other Funding Sources	



Grantee Activity Number:	NDR 03 Henning
Activity Title:	Henning Wastewater System Rehabilitation

Activity Category:

Construction/reconstruction of water/sewer lines or systems

Project Number:

NDR 03 Henning

Projected Start Date:

12/27/2016

Benefit Type:

Area ()

National Objective:

Low/Mod

Activity Status:

Under Way

Project Title:

Henning Wastewater System Rehabilitation

Projected End Date:

09/30/2022

Completed Activity Actual End Date:

Responsible Organization:

Town of Henning

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$1,809,000.00
Total Budget	\$0.00	\$1,809,000.00
Total Obligated	\$71,358.81	\$1,218,163.93
Total Funds Drawdown	\$71,358.81	\$1,218,163.93
Program Funds Drawdown	\$71,358.81	\$1,218,163.93
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$504,813.43	\$1,218,163.93
Town of Henning	\$504,813.43	\$1,218,163.93
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

The sewer collection system in the Town of Henning continues to experience significant infiltration issues with the problem becoming more severe since the 2010 and 2011 flood events. The infiltration of stormwater into the wastewater collection system contributes to frequent overtopping of the municipal wastewater lagoon levee system. These events weakened the integrity of the levee structure and contributed to new emergency repair attempts. This project involves lining one of Henning's older lagoons with an HDPE liner, upgrading the outfall system, utilizing Cured-In-Place pipe repairs to rehabilitate the existing sewer lines in order to permanently fix the levee and reduce I/I, and replacing failing manhole covers with water-tight covers to reduce I/I.

Location Description:

The project will benefit the entire Town of Henning.

Activity Progress Narrative:

Funds Expended amount adjusted to reconcile discrepancies from previous QPRs. Advertisement for bids for the third and final phase of Sewer System Improvements took place this period. Bids were received on November 14th, 2019. The recommendation for award packet is pending Henning approval.



Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of public facilities	0	0/1
# of Linear feet of Public	0	0/10000

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 # / NDR 04 WTRBA / Mississippi River Levee Pump Installation

Grantee Activity Number:	NDR 04 WTRBA
Activity Title:	Mississippi River Levee Pump Installation

Activity Category: Construction/reconstruction of water/sewer lines or systems	Activity Status: Under Way
Project Number: NDR 04 WTRBA	Project Title: Mississippi River Levee Pump Installation
Projected Start Date: 12/27/2016	Projected End Date: 09/30/2022
Benefit Type: Area ()	Completed Activity Actual End Date:
National Objective: Low/Mod	Responsible Organization: West Tennessee River Basin Authority

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$2,945,000.00
Total Budget	\$0.00	\$2,945,000.00
Total Obligated	\$0.00	\$429,128.50
Total Funds Drawdown	\$0.00	\$429,128.50
Program Funds Drawdown	\$0.00	\$429,128.50

Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$421,176.50	\$429,128.50
West Tennessee River Basin Authority	\$421,176.50	\$429,128.50
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

Tiptonville is protected from flooding by the Mississippi River Levee, however during times of heavy rains the town still floods. Portable pumps are brought in regularly from outside sources to pump the flood waters. Installing permanent pumps will prevent flooding in the area. This would make the entire area more resilient and less prone to flooding, and would directly protect 21 homes and downtown Tiptonville.

Location Description:

The pump will be installed on the levee to the north of Tiptonville near the intersection of Tipton Street and Hays Street.

Activity Progress Narrative:

Funds Expended amount adjusted to reconcile discrepancies from previous QPRs. Plans and Specifications were submitted and approved by TNECD on November 7th, 2019. Advertisement for Bids was issued in the Jackson Sun on November 25th, 2019. A letter to DBE firms with the Bid Advertisement was issued to ten firms on November 25th, 2019.

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 Budgeted - Detail

No Other Match Funding Sources Found

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

Project # / NDR 05 Dyersburg / Dyersburg Wetlands Creation and

Grantee Activity Number: NDR 05 Dyersburg
Activity Title: Dyersburg Wetlands Creation and Recreation Facilit

Activity Category: Acquisition, construction, reconstruction of public facilities
Activity Status: Under Way
Project Number:
Project Title:

NDR 05 Dyersburg

Dyersburg Wetlands Creation and Recreation

Projected Start Date:

Projected End Date:

12/27/2016

09/30/2022

Benefit Type:

Completed Activity Actual End Date:

()

National Objective:

Responsible Organization:

Low/Mod

City of Dyersburg

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$4,619,100.00
Total Budget	\$0.00	\$4,619,100.00
Total Obligated	\$491,452.24	\$2,878,443.81
Total Funds Drawdown	\$344,026.55	\$2,731,018.12
Program Funds Drawdown	\$344,026.55	\$2,731,018.12
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$2,240,053.52	\$2,731,018.12
City of Dyersburg	\$2,240,053.52	\$2,731,018.12
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

The City of Dyersburg intends to implement a comprehensive plan to improve the quality of life for its citizens, targeting the LMI population in the area of South Town affected by the flood waters in 2011. Blighted and environmentally sensitive properties affected by the 2011 flood will be converted into wetlands, greenways, and stormwater management recreational facilities. This conversion will mitigate the impact of future flood events, improve the health and wellness of citizens, provide miles of greenways for regional ecotourism, and provide safe access for non-vehicular traffic to food, medical, municipal, and philanthropic services available in downtown Dyersburg. As part of this activity the City will convert land currently in floodplain to wetlands, develop recreational facilities, including basketball courts and a soccer complex that will also serve as land for floodwater retention, and the construction a police outpost to serve the neighborhood and the recreational facilities.

Location Description:

Dyer County Census Tracts 9643, 9644, 9646, 9648

Activity Progress Narrative:

Funds Expended amount adjusted to reconcile discrepancies from previous QPRs.
Forked Deer River Park: Construction activities continue, and this phase of project is 95% complete.
South Precinct Park: PCC conducted October 21st, 2019. Notice to Proceed on October 28th, 2019. Construction began on 11/4/2019
Horner Bridge Road: Bids exceeded construction by 400%. This phase continues to be on hold and discussions



with the TN Department of Transportation continue.
 Regan Levee Greenway: 100% complete.

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of public facilities	0	0/2
# of Acres wetlands	0	0/12

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

Match Sources	Amount
City of Dyersburg	\$1,000,000.00
Subtotal Match Sources	

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

Project # / NDR 06 WTRBA / Forked Deer River Floodplain and

Grantee Activity Number:	NDR 06 WTRBA
Activity Title:	Forked Deer River Floodplain and Waterway Restorat

Activity Category:
 Acquisition, construction, reconstruction of public facilities

Project Number:
 NDR 06 WTRBA

Projected Start Date:
 12/27/2016

Benefit Type:
 Area ()

National Objective:
 Low/Mod

Activity Status:
 Under Way

Project Title:
 Forked Deer River Floodplain and Waterway

Projected End Date:
 09/30/2022

Completed Activity Actual End Date:

Responsible Organization:
 West Tennessee River Basin Authority

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$5,660,000.00
Total Budget	\$0.00	\$5,660,000.00



Total Obligated	\$10,270.00	\$291,101.00
Total Funds Drawdown	\$10,270.00	\$291,101.00
Program Funds Drawdown	\$10,270.00	\$291,101.00
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$273,020.00	\$291,101.00
West Tennessee River Basin Authority	\$273,020.00	\$291,101.00
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

This project will create more than 800 acres of floodplain to reduce flooding for the Dyer County target area. Additionally, this project will be developed to incorporate bike and hiking trails, boardwalks, waterfowl and wildlife viewing areas, educational kiosks, easy access fishing piers, canoe access and restroom facilities.

Location Description:

The project location is in the northwest corner of Madison County, but the project beneficiaries are located in the Dyer County target area.

Activity Progress Narrative:

Funds Expended amount adjusted to reconcile discrepancies from previous QPRs. Construction contract was executed and pre-construction meeting was held on October 18th, 2019. Notice to Proceed for construction was issued and construction began on October 21st, 2019. Construction continued through December. Construction has started slow and is currently paused due to weather and the wet conditions, making working in wetlands difficult. We expect construction to move slowly over the next quarter and pick up in the spring.

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of Acres wetlands	0	0/800

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

Match Sources	Amount
West Tennessee River Basin Authority	\$7,500,000.00
Subtotal Match Sources	



Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Project # / NDR 07 WTRBA / Jackson Flood Control

Grantee Activity Number: NDR 07 WTRBA
Activity Title: Jackson Flood Control

Activity Category:
Dike/dam/stream-river bank repairs

Activity Status:
Under Way

Project Number:
NDR 07 WTRBA

Project Title:
Jackson Flood Control

Projected Start Date:
12/27/2016

Projected End Date:
09/30/2022

Benefit Type:
Area ()

Completed Activity Actual End Date:

National Objective:
Low/Mod

Responsible Organization:
West Tennessee River Basin Authority

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$5,860,000.00
Total Budget	\$0.00	\$5,860,000.00
Total Obligated	\$123,605.96	\$628,734.46
Total Funds Drawdown	\$123,605.96	\$628,734.46
Program Funds Drawdown	\$123,605.96	\$628,734.46
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$627,855.96	\$628,734.46
West Tennessee River Basin Authority	\$627,855.96	\$628,734.46
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

Flooding is prevalent in urban parts of Jackson. Large unsightly drainage areas will be converted to storm water detention and infiltration basins that mimic the function of large attractive "rain gardens" and virtually eliminate localized flooding along these streams. The structures will incorporate several features such as eradication of an invasive species, ground water infiltration, wetland creation, establishment of hardwood forests, water quality improvements, wildlife viewing opportunities, and community gardens as well as trails and greenways that connect residential and business districts. Flood risk reduction, protection of infrastructure and an improvement in quality of life for vulnerable populations are the key benefits of this project.

Location Description:



Southern+half+of+Madison+County.+Includes+the+following+Census+Tracts.

1,+2,+3,+4,+5,+6,+7,+8,+9,+10,+11,+13,+14.01,+14.02,+17,+18+,19

Activity Progress Narrative:

Funds Expended amount adjusted to reconcile discrepancies from previous QPRs.

Three phases to this project:

Jackson/Bemis Greenway

Anderson-Sandy Basin Flood Control Structures

Dyer-Middlefork Basin Flood Control Structures

A meeting with the property owners was conducted October 14th, 2019. A meeting with the City of Jackson occurred regarding sites owned by the City. The City has donated their easements. There are approximately 22 sites/property owners that have not responded. Each site/property owner is being contacted via telephone prior to issuance of documents via Certified Mail.

Acquisition is on-going on all 3 phases. Greenway design is 75% complete. Detention Structure for Anderson Sandy and Dyer-Middlefork design is 90% complete.

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

Match Sources

West Tennessee River Basin Authority

Amount

\$900,000.00

Subtotal Match Sources

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Project # / NDR 08 WTRBA / Cold Creek Chute Restoration

Grantee Activity Number: NDR 08 WTRBA

Activity Title: Cold Creek Chute Restoration

Activity Category:

Dike/dam/stream-river bank repairs

Activity Status:

Under Way

Project Number:

NDR 08 WTRBA

Project Title:

Cold Creek Chute Restoration

Projected Start Date:

12/27/2016

Projected End Date:

09/30/2022

Benefit Type:

Area ()

Completed Activity Actual End Date:

National Objective:

Low/Mod

Responsible Organization:

West Tennessee River Basin Authority



Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$185,000.00
Total Budget	\$0.00	\$185,000.00
Total Obligated	\$2,068.00	\$31,750.00
Total Funds Drawdown	\$2,068.00	\$31,750.00
Program Funds Drawdown	\$2,068.00	\$31,750.00
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$29,833.50	\$31,750.00
West Tennessee River Basin Authority	\$29,833.50	\$31,750.00
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

Cold Creek Chute is a Mississippi River Oxbow Lake that is a key component of the rural economy in western Lauderdale County. This lake is used for recreation, including fishing and hunting. A rock spillway that controls summer levels failed as a result of the 2011 flood. Temporary repairs have been made but were not successful. Water levels below normal pool elevation prevent the public from accessing the lake. The proposed project will restore use of this resource and, when combined with the recreational benefits of the other projects in this county, will increase recreation and tourism opportunity.

Location Description:

Lauderdale County Census Tracts 501, 502, 503, 505.04, 505.05, 505.06, and 506

Activity Progress Narrative:

Funds Expended amount adjusted to reconcile discrepancies from previous QPRs. Work continued to secure the 100' temporary easement along the existing access road for the improvements. Extension in the submission of the plans and specifications was submitted November 13th, 2019. Request approved on November 15th, 2019. Design is 90% complete. Permitting is complete. Acquisition is underway.

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 Budgeted - Detail

No Other Match Funding Sources Found



Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Project # / NDR 09 Lauderdale County / Mississippi River Corridor

Grantee Activity Number: NDR 09 Lauderdale County
Activity Title: Mississippi River Corridor Overlook

Activity Category:
Acquisition, construction, reconstruction of public facilities

Activity Status:
Under Way

Project Number:
NDR 09 Lauderdale County

Project Title:
Mississippi River Corridor Overlook

Projected Start Date:
12/27/2016

Projected End Date:
09/30/2022

Benefit Type:
Area ()

Completed Activity Actual End Date:

National Objective:
Low/Mod

Responsible Organization:
Lauderdale County TN

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$1,244,500.00
Total Budget	\$0.00	\$1,244,500.00
Total Obligated	\$28,423.00	\$345,299.00
Total Funds Drawdown	\$28,423.00	\$345,299.00
Program Funds Drawdown	\$28,423.00	\$345,299.00
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$111,098.00	\$345,299.00
Lauderdale County TN	\$111,098.00	\$345,299.00
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

A conceptual plan was developed for Lauderdale County to help eliminate erosion along the bluff areas of the Mississippi River and provide tourism and recreation benefit to the area. This project involves the construction of one overlook and formalizing the conceptual plan already created into a master plan with a resilient engineering design.

Location Description:

Lauderdale County Census Tracts 501, 502, 503, 505.04, 505.05, 505.06, and 506



Activity Progress Narrative:

Funds Expended amount adjusted to reconcile discrepancies from previous QPRs. Final Plans and Specifications approval letter was issued on October 11th, 2019. Scheduled advertisement for bids possibly for end of December or early January.

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 Budgeted - Detail

No Other Match Funding Sources Found

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

Project # / NDR 10 University of Memphis / Hazard Mapping, Education,

Grantee Activity Number:	NDR 10 University of Memphis
Activity Title:	Hazard Mapping, Education, and Assessment

Activity Category:

Planning

Project Number:

NDR 10 University of Memphis

Projected Start Date:

12/27/2016

Benefit Type:

Area ()

National Objective:

NA

Activity Status:

Under Way

Project Title:

Hazard Mapping, Education, and Assessment

Projected End Date:

09/30/2022

Completed Activity Actual End Date:

Responsible Organization:

University of Memphis

Overall

	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$3,576,731.00
Total Budget	\$0.00	\$3,576,731.00



Total Obligated	\$219,421.28	\$1,646,139.10
Total Funds Drawdown	\$219,421.28	\$1,646,139.10
Program Funds Drawdown	\$219,421.28	\$1,646,139.10
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$523,083.79	\$1,646,139.10
University of Memphis	\$523,083.79	\$1,646,139.10
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

This project represents a multidisciplinary partnership between the University of Memphis, Vanderbilt University, and TDEC to develop, analyze, store and freely distribute data that can be used to plan for and create resilient strategies for some of the most vulnerable populations in the Rural by Nature study area. This data, developed through a series of studies, will help fill a large data gap in West Tennessee that is preventing many communities from becoming more resilient. The project includes the following actions to enhance resilience in the NDR target areas.

- Mississippi River Supply Chain Risk Evaluation
- Structural Earthquake Risk Assessment for Schools
- Agricultural Flood Loss Mapping
- School Curriculum Development
- Flood Impact Assessment
- Web System Development
- Earthquake Hazards Assessment

Location Description:

This will cover all NDR target area locations.

Activity Progress Narrative:

Work continues on each activity / phase and project is 70% complete.

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 # / NDR Administration / Administration

Grantee Activity Number: NDR 12 ECD Admin
Activity Title: ECD Administration

Activity Category:

Administration

Project Number:

NDR Administration

Projected Start Date:

12/27/2016

Benefit Type:

()

National Objective:

NA

Activity Status:

Under Way

Project Title:

Administration

Projected End Date:

09/30/2022

Completed Activity Actual End Date:

Responsible Organization:

State of Tennessee

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$385,543.00
Total Budget	\$0.00	\$385,543.00
Total Obligated	\$12,134.70	\$147,240.84
Total Funds Drawdown	\$3,671.43	\$138,777.57
Program Funds Drawdown	\$3,671.43	\$138,777.57
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$104,259.93	\$138,777.57
State of Tennessee	\$104,259.93	\$138,777.57
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

Administration for all NDR activities

Location Description:

All NDR target areas in the counties of Dyer, Lake, Lauderdale, and Madison.

Activity Progress Narrative:

Funds Expended amount adjusted to reconcile discrepancies from previous QPRs. Activities this quarter included project management and all related correspondence, as well as strengthening collaboration for disaster resilience planning with the Tennessee Department of Environment & Conservation and the Tennessee Emergency Management Agency.



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: NDR 13 Stantec Admin

Activity Title: Stantec Administration

Activity Category:

Administration

Project Number:

NDR Administration

Projected Start Date:

12/27/2016

Benefit Type:

()

National Objective:

NA

Activity Status:

Under Way

Project Title:

Administration

Projected End Date:

09/30/2022

Completed Activity Actual End Date:

Responsible Organization:

Stantec Consulting Services Inc.

Overall

Total Projected Budget from All Sources

Oct 1 thru Dec 31, 2019

N/A

To Date

\$1,775,000.00

Total Budget

\$0.00

\$1,775,000.00

Total Obligated

\$39,632.00

\$565,947.30

Total Funds Drawdown

\$39,632.00

\$565,947.30

Program Funds Drawdown

\$39,632.00

\$565,947.30

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$74,145.30

\$565,947.30

Stantec Consulting Services Inc.

\$74,145.30

\$565,947.30

Most Impacted and Distressed Expended

\$0.00

\$0.00

Match Contributed

\$0.00

\$0.00

Activity Description:

Administration of NDR activities

Location Description:

All NDR target areas

Activity Progress Narrative:

Funds Expended amount adjusted to reconcile discrepancies from previous QPRs. Stantec continues to provide administrative services. This quarter's activities consisted of bi-weekly meetings and reviewing project documentation.

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 # / OV Project Tennessee / NDR Outcome Values

Grantee Activity Number: OV 01 JEA (ECO)
Activity Title: Jackson Wastewater System Improvements

Activity Category:

NDR - Economic Value

Project Number:

OV Project Tennessee

Projected Start Date:

12/27/2016

Benefit Type:

()

National Objective:

NA

Activity Status:

Under Way

Project Title:

NDR Outcome Values

Projected End Date:

09/30/2022

Completed Activity Actual End Date:

Responsible Organization:

Jackson Energy Authority

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$0.00
Total Budget	\$0.00	\$0.00
Total Obligated	\$0.00	\$0.00
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	\$0.00	\$0.00
Jackson Energy Authority	\$0.00	\$0.00
State of Tennessee	\$0.00	\$0.00
Most Impacted and Distressed Expended	\$0.00	\$0.00



Match Contributed

\$0.00

\$0.00

Activity Description:

Currently average annual energy consumption is 2.97 million, a 10% reduction is projected based upon preliminary engineer assessments. JEA will collect the data.

The average number of service interruption hours is currently being calculated by JEA, there is expected to be a 5% decrease based upon preliminary engineer assessments. JEA will collect the data.

The average emergency maintenance costs are currently being calculated by JEA, there is expected to be a 5% decrease based upon preliminary engineer assessments. JEA will collect the data.

Location Description:

Activity Progress Narrative:

This project's construction activities were broken into 5 phases. Construction of Phase IV began in June of 2019 and was completed in September of 2019. Design for Phase V was completed in 2019 and all necessary easements secured. The Phase V plans and specifications were approved on December 9, 2019. With a large amount of construction underway, all Labor Compliance has been followed including payroll review, onsite interviewing, wage conformance requests, and general correspondence with the prime contractor and subs. File maintenance has been ongoing. A second monitoring, which was conducted onsite, took place.

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
% reduction in emergency	0	8/10
% decrease in disruption hours	0	0/5
% reduction in energy costs	0	101/10

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:	OV 01 JEA (ENV)
Activity Title:	Jackson Wastewater System Improvements

Activity Category:

NDR - Environmental Value

Project Number:

OV Project Tennessee

Projected Start Date:

12/27/2016

Benefit Type:

()

National Objective:

NA

Activity Status:

Under Way

Project Title:

NDR Outcome Values

Projected End Date:

09/30/2022

Completed Activity Actual End Date:

Responsible Organization:

Jackson Energy Authority

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$0.00
Total Budget	\$0.00	\$0.00
Total Obligated	\$0.00	\$0.00
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	\$0.00	\$0.00
Jackson Energy Authority	\$0.00	\$0.00
State of Tennessee	\$0.00	\$0.00
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

There will be 8000 LF of sewer repaired/replaced based on preliminary assessments and budget projections by JEA. JEA will collect the data.
 There is an average of 1.55 SSO events in the JEA system annually, based upon engineering reports a 5% reduction is expected because of the system rehabilitation. JEA will collect the data.
 The average I and I during storm events is being calculated by JEA by different level of events, an overall decrease of 5% is expected based upon preliminary engineer reports. JEA will collect the data.
 The average flow is 3100 annually based upon JEA data, a decrease of 5% is projected based on preliminary engineer reports. JEA will collect the data.

Location Description:

Activity Progress Narrative:

This project's construction activities were broken into 5 phases. Construction of Phase IV began in June of 2019 and was completed in September of 2019. Design for Phase V was completed in 2019 and all necessary easements secured. The Phase V plans and specifications were approved on December 9, 2019. With a large amount of construction underway, all Labor Compliance has been followed including payroll review, onsite



interviewing, wage conformance requests, and general correspondence with the prime contractor and subs. File maintenance has been ongoing. A second monitoring, which was conducted onsite, took place.

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of linear feet of water/sewer	1337	20091/2500
% reduction in flow (# gpm/cfm)	0	0/5
% reduction of	0	79/5
% reduction of sanitary sewer	0	2500/5

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:	OV 01 JEA (RES)
Activity Title:	Jackson Wastewater System Improvements

Activity Category:

NDR - Resilience Value

Project Number:

OV Project Tennessee

Projected Start Date:

12/27/2016

Benefit Type:

()

National Objective:

NA

Activity Status:

Under Way

Project Title:

NDR Outcome Values

Projected End Date:

09/30/2022

Completed Activity Actual End Date:

Responsible Organization:

Jackson Energy Authority

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$0.00
Total Budget	\$0.00	\$0.00
Total Obligated	\$0.00	\$0.00
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	\$0.00	\$0.00
Jackson Energy Authority	\$0.00	\$0.00
State of Tennessee	\$0.00	\$0.00
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

There will be 7500 water/sewer line constructed based upon preliminary engineer reports and budget projections. JEA will collect the data.
 Current levels of service loss are being calculated by JEA, based upon engineer reports a 10% decrease is projected because of system rehab. JEA will collect the data.

Location Description:

Activity Progress Narrative:

This project's construction activities were broken into 5 phases. Construction of Phase IV began in June of 2019 and was completed in September of 2019. Design for Phase V was completed in 2019 and all necessary easements secured. The Phase V plans and specifications were approved on December 9, 2019. With a large amount of construction underway, all Labor Compliance has been followed including payroll review, onsite interviewing, wage conformance requests, and general correspondence with the prime contractor and subs. File maintenance has been ongoing. A second monitoring, which was conducted onsite, took place.



Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of linear of sewer/water line	3120	3120/6800
% reduction in loss of service	0	0/8

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:	OV 02 Dyersburg (ECO)
Activity Title:	Dyersburg Wastewater System Rehabilitation

Activity Category:

NDR - Economic Value

Project Number:

OV Project Tennessee

Projected Start Date:

12/27/2016

Benefit Type:

Area ()

National Objective:

NA

Activity Status:

Under Way

Project Title:

NDR Outcome Values

Projected End Date:

09/30/2022

Completed Activity Actual End Date:

Responsible Organization:

City of Dyersburg

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$0.00
Total Budget	\$0.00	\$0.00
Total Obligated	\$0.00	\$0.00
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	\$0.00	\$0.00
City of Dyersburg	\$0.00	\$0.00
State of Tennessee	\$0.00	\$0.00
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

Location Description:

There is currently an average of \$26,685.71 in annual emergency maintenance costs to in the Dyersburg waste water system, the projected % decrease is pending a system inventor (part of the project). The data was collected from the city of Dyersburg's records; the city will continue to collect data.

Activity Progress Narrative:

This project was completed on September 2019. Metrics monitoring is continuing.

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
% reduction in emergency	0	0/2500



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: OV 02 Dyersburg (ENV)
Activity Title: Dyersburg Wastewater System Rehabilitation

Activity Category:
 NDR - Environmental Value

Project Number:
 OV Project Tennessee

Projected Start Date:
 12/27/2016

Benefit Type:
 Area ()

National Objective:
 NA

Activity Status:
 Under Way

Project Title:
 NDR Outcome Values

Projected End Date:
 09/30/2022

Completed Activity Actual End Date:

Responsible Organization:
 City of Dyersburg

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$0.00
Total Budget	\$0.00	\$0.00
Total Obligated	\$0.00	\$0.00
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	\$0.00	\$0.00
City of Dyersburg	\$0.00	\$0.00
State of Tennessee	\$0.00	\$0.00
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

There are currently 0 new manhole covers, there will be 50 upon completion of the project. This data was collected from budget projections from the city of Dyersburg, who will continue to collect data. The city of Dyersburg projects that there will be 2 SSO events during the life of the project. This data was collected by the city engineers of Dyersburg, who will continue to gather the data. The current average annual flow is 1160, the projected decrease during a flood event will be calculated after a system inventory. This data was collected by the city of Dyersburg, who will continue collection.

Location Description:

Activity Progress Narrative:

This project was completed on September 2019. Metrics monitoring is continuing.



Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of manhole covers replaced	65	200/50
# of sanitary sewer overflows	20	52/2
% reduction in flow (# gpm/cfm)	0	100/20

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: OV 02 Dyersburg (RES)
Activity Title: Dyersburg Wastewater System Rehabilitation

Activity Category:

NDR - Resilience Value

Project Number:

OV Project Tennessee

Projected Start Date:

12/27/2016

Benefit Type:

Area ()

National Objective:

NA

Activity Status:

Under Way

Project Title:

NDR Outcome Values

Projected End Date:

09/30/2022

Completed Activity Actual End Date:

Responsible Organization:

City of Dyersburg

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$0.00
Total Budget	\$0.00	\$0.00
Total Obligated	\$0.00	\$0.00
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	\$0.00	\$0.00
City of Dyersburg	\$0.00	\$0.00
State of Tennessee	\$0.00	\$0.00
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

There is currently 0 LF of sewer line examined, there will be 43,000 LF inventoried at the completion of the project as a result of a camera verification. This data was collected by the city of Dyersburg and they will continue collection. There is not currently any sewer system plans in place, there will be 1 at the completion of the project. This data was collected by the city of Dyersburg and they will continue collection. It is projected that, as a result of the system inventory and budgeting, there will be 8,600 LF of sewer line repaired/replace at the completion of the project. This data is based on budget projections and was collected by the city of Dyersburg who will continue collection.

Location Description:

Activity Progress Narrative:

This project was completed on September 2019. Metrics monitoring is continuing.



Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of plans adopted	0	1/1
# of linear feet of water/sewer	47000	53789/8600
# of liner feet examined	47000	89576/43000

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:	OV 03 Henning (ENV)
Activity Title:	Henning Wastewater System Rehabilitation

Activity Category:
NDR - Environmental Value

Project Number:
OV Project Tennessee

Projected Start Date:
12/27/2016

Benefit Type:
Area ()

National Objective:
NA

Activity Status:
Under Way

Project Title:
NDR Outcome Values

Projected End Date:
09/30/2022

Completed Activity Actual End Date:

Responsible Organization:
Town of Henning

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$0.00
Total Budget	\$0.00	\$0.00
Total Obligated	\$0.00	\$0.00
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	\$0.00	\$0.00
State of Tennessee	\$0.00	\$0.00
Town of Henning	\$0.00	\$0.00
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

There will be 40 manhole covers replaced based upon budget projections. Henning will collect the data.
 There will be 10,000 LF of water/sewer line repaired/replaced based upon budget projections. Henning will collect the data.
 There are projected to be 8 SSOs during the duration of the contract. The town of Henning will collect the data.
 Current levels of I and I are being calculated by the town of Henning, a 20% decrease is expected to occur during storm events based upon preliminary engineer reports. The town of Henning will collect the data.
 Current levels of flow at the treatment plant is being calculated by the town of Henning, a 20% decrease is expected to occur during storm events based upon preliminary engineer reports. The town of Henning will collect the data.
 Current levels of affluent discharge is being calculated by the town of Henning, a 20% decrease is expected to occur based upon preliminary engineer reports. The town of Henning will collect the data.

Location Description:

Activity Progress Narrative:



Lift Station Repairs have been completed and design has been completed for the Sewer Lagoon. A contract has been awarded for this final phase of sewer system improvements. Construction is expected to begin in February 2020.

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of linear feet of water/sewer	2472	6266/10000
# of manhole covers replaced	0	78/40
# of sanitary sewer overflows	2	17/4
% decrease in affluent	0	195/10
% reduction in flow (# gpm/cfm)	0	0/10
% reduction of	0	0/10

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:	OV 03 Henning (RES)
Activity Title:	Henning Wastewater System Rehabilitation

Activity Category:

NDR - Resilience Value

Project Number:

OV Project Tennessee

Projected Start Date:

12/27/2016

Benefit Type:

Area ()

National Objective:

NA

Activity Status:

Under Way

Project Title:

NDR Outcome Values

Projected End Date:

09/30/2022

Completed Activity Actual End Date:

Responsible Organization:

Town of Henning

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$0.00
Total Budget	\$0.00	\$0.00
Total Obligated	\$0.00	\$0.00
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	\$0.00	\$0.00
State of Tennessee	\$0.00	\$0.00
Town of Henning	\$0.00	\$0.00
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

Based upon preliminary engineer reports and budget projections, there will be 3 pump stations repaired/replaced. The town of Henning will collect the data.

Based upon preliminary engineer reports and budget projections, there will be 1 containment system constructed. The town of Henning will collect the data.

Location Description:

Activity Progress Narrative:

Lift Station Repairs have been completed and design has been completed for the Sewer Lagoon. A contract has been awarded for this final phase of sewer system improvements. Construction is expected to begin in February 2020.



Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of containment systems	0	0/1
# of pump stations	5	5/3

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:	OV 04 WTRBA (ECO)
Activity Title:	Mississippi River Levee Pump Installation

Activity Category:

NDR - Economic Value

Project Number:

OV Project Tennessee

Projected Start Date:

12/27/2016

Benefit Type:

Area ()

National Objective:

NA

Activity Status:

Under Way

Project Title:

NDR Outcome Values

Projected End Date:

09/30/2022

Completed Activity Actual End Date:

Responsible Organization:

West Tennessee River Basin Authority

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$0.00
Total Budget	\$0.00	\$0.00
Total Obligated	\$0.00	\$0.00
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	\$0.00	\$0.00
State of Tennessee	\$0.00	\$0.00
West Tennessee River Basin Authority	\$0.00	\$0.00
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

The average emergency man hours during a flood event will be modeled by WTRBA at the beginning of the project. There is projected to be a 25% decrease based upon previous WTRBA projects. WTRBA will collect the data.

Location Description:

Activity Progress Narrative:

Plans & Specifications approved on November 7, 2019 and the project was advertised for bids on November 25, 2019.

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
% decrease in emergency man-	0	0/25



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:	OV 04 WTRBA (ENV)
Activity Title:	Mississippi River Levee Pump Installation

Activity Category:
NDR - Environmental Value

Project Number:
OV Project Tennessee

Projected Start Date:
12/27/2016

Benefit Type:
Area ()

National Objective:
NA

Activity Status:
Under Way

Project Title:
NDR Outcome Values

Projected End Date:
09/30/2022

Completed Activity Actual End Date:

Responsible Organization:
West Tennessee River Basin Authority

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$0.00
Total Budget	\$0.00	\$0.00
Total Obligated	\$0.00	\$0.00
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	\$0.00	\$0.00
State of Tennessee	\$0.00	\$0.00
West Tennessee River Basin Authority	\$0.00	\$0.00
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

As there is currently no pumping capacity, the projected increase will be 100%. This is based off of budget projections and previous WTRBA projects. WTRBA will collect the data.

Location Description:

Activity Progress Narrative:

Plans & Specifications approved on November 7, 2019 and the project was advertised for bids on November 25, 2019.

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
% increase in pumping capacity	0	0/100



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:	OV 04 WTRBA (RES)
Activity Title:	Mississippi River Levee Pump Installation

Activity Category:
NDR - Resilience Value

Project Number:
OV Project Tennessee

Projected Start Date:
12/27/2016

Benefit Type:
Area ()

National Objective:
NA

Activity Status:
Under Way

Project Title:
NDR Outcome Values

Projected End Date:
09/30/2022

Completed Activity Actual End Date:

Responsible Organization:
West Tennessee River Basin Authority

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$0.00
Total Budget	\$0.00	\$0.00
Total Obligated	\$0.00	\$0.00
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	\$0.00	\$0.00
State of Tennessee	\$0.00	\$0.00
West Tennessee River Basin Authority	\$0.00	\$0.00
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

The average crop land protected during a flood event will be determined based upon modeling to be done at the beginning of the project, there is projected to be a 10% increase, based upon previous projects completed by WTRBA. WTRBA will collect the data.

The average area inundation will be determined based upon modeling to be done at the beginning of the project, there is projected to be a 10% decrease, based upon previous projects completed by WTRBA. WTRBA will collect the data.

The average water elevation will be determined based upon modeling to be done at the beginning of the project, there is projected to be a 5% decrease, based upon previous projects completed by WTRBA. WTRBA will collect the data.

Location Description:

Activity Progress Narrative:

Plans & Specifications approved on November 7, 2019 and the project was advertised for bids on November 25, 2019.



Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
% decrease in area inundated	0	0/10
% decrease water surface	0	0/5
% increase in acres of cropland	0	0/10

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:	OV 05 Dyersburg (ECO)
Activity Title:	Dyersburg Wetland and Parks Creation

Activity Category:
NDR - Economic Value

Project Number:
OV Project Tennessee

Projected Start Date:
12/27/2016

Benefit Type:
Area ()

National Objective:
NA

Activity Status:
Under Way

Project Title:
NDR Outcome Values

Projected End Date:
09/30/2022

Completed Activity Actual End Date:

Responsible Organization:
City of Dyersburg

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$0.00
Total Budget	\$0.00	\$0.00
Total Obligated	\$0.00	\$0.00
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	\$0.00	\$0.00
City of Dyersburg	\$0.00	\$0.00
State of Tennessee	\$0.00	\$0.00
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

Historical there have been 27,881 LF of road closures during flood events, a 12% reduction is projected during similar events. The data was derived from engineer assessments, and will be collected by the city of Dyersburg.

Historical there have been 12 buildings damaged during flood events, a 1% reduction is projected during similar events. The data was derived from engineer assessments, and will be collected by the city of Dyersburg.

Location Description:

Activity Progress Narrative:

The Regan Levee Greenway portion of the project has been completed and the Forked Deer River Project is estimated to be 95% complete.

Accomplishments Performance Measures

This Report Period	Cumulative Actual Total / Expected
Total	Total



% decrease in road closures in	0	4/12
% of buildings	0	11/5

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:	OV 05 Dyersburg (ENV)
Activity Title:	Dyersburg Wetland and Parks Creation

Activity Category:
NDR - Environmental Value

Project Number:
OV Project Tennessee

Projected Start Date:
12/27/2016

Benefit Type:
Area ()

National Objective:
NA

Activity Status:
Under Way

Project Title:
NDR Outcome Values

Projected End Date:
09/30/2022

Completed Activity Actual End Date:

Responsible Organization:
City of Dyersburg

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$0.00
Total Budget	\$0.00	\$0.00
Total Obligated	\$0.00	\$0.00
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	\$0.00	\$0.00
City of Dyersburg	\$0.00	\$0.00
State of Tennessee	\$0.00	\$0.00
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

Location Description:

Currently there are 39 acres of green space in the project area, the increase in green space is pending acquisition and is currently unknown due to unknown costs. The data was derived from city records, and will be collected by the city of Dyersburg.

Activity Progress Narrative:

The Regan Levee Greenway portion of the project has been completed and the Forked Deer River Project is estimated to be 95% complete.

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
% increase in number of acres	0	0/39



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:	OV 05 Dyersburg (SOC)
Activity Title:	Dyersburg Wetland and Parks Creation

Activity Category:

NDR - Social Value

Project Number:

OV Project Tennessee

Projected Start Date:

12/27/2016

Benefit Type:

Area ()

National Objective:

Urgent Need

Activity Status:

Under Way

Project Title:

NDR Outcome Values

Projected End Date:

09/30/2022

Completed Activity Actual End Date:

Responsible Organization:

City of Dyersburg

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$0.00
Total Budget	\$0.00	\$0.00
Total Obligated	\$0.00	\$0.00
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	\$0.00	\$0.00
City of Dyersburg	\$0.00	\$0.00
State of Tennessee	\$0.00	\$0.00
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

Location Description:

There is currently 39 acres of open space within the project area, the increase in open space is pending acquisition and is currently unknown due to unknown costs. The data was derived from city records, and will be collected by the city of Dyersburg.

There are currently 0 locally sponsored events in the project area, there will be 10 by the completion of the project. The data was derived from conversation with local officials and budget proposals; it will be gathered by the city of Dyersburg.

There are currently 0 recreation facilities in the project area, there will be 2 upon completion of the project. The data was derived from conversation with local officials and budget proposals; it will be gathered by the city of Dyersburg.

Activity Progress Narrative:

The Regan Levee Greenway portion of the project has been completed and the Forked Deer River Project is estimated to be 95% complete.



Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of locally-sponsored events	0	0/5
# of new recreational facilities	0	0/2

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:	OV 06 WTRBA (ENV)
Activity Title:	Forked Deer River Floodplain and Waterway Restorat

Activity Category:
NDR - Environmental Value

Project Number:
OV Project Tennessee

Projected Start Date:
12/27/2016

Benefit Type:
Area ()

National Objective:
NA

Activity Status:
Under Way

Project Title:
NDR Outcome Values

Projected End Date:
09/30/2022

Completed Activity Actual End Date:

Responsible Organization:
West Tennessee River Basin Authority

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$0.00
Total Budget	\$0.00	\$0.00
Total Obligated	\$0.00	\$0.00
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	\$0.00	\$0.00
State of Tennessee	\$0.00	\$0.00
West Tennessee River Basin Authority	\$0.00	\$0.00
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

There will be 2500 LF of stream restored based upon previous WTRBA projects and budget projections. This data will be collected by WTRBA.
 The current level of nutrient loading will be calculated at the beginning of the project, based upon previous projects by WTRBA there is projected to be a 5% reduction at project completion. WTRBA will collect the data.
 The functional value of the wetlands will be determined upon completion of restoration, the current value is 0 as they do not exist. WTRBA will collect this data.
 WTRBA is currently calculating the water levels, based upon previous projects a 5% reduction is projected. WTRBA will collect this data.

Location Description:

Activity Progress Narrative:

A contract was awarded for this project and a pre-construction meeting was held on October 18, 2019. Construction began on 10/21/19 and continued through November until weather issues interrupted construction, which is expected to resume in March 2020.



Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# linear feet of streams	6000	6000/2500
% increase in functional	0	0/10
% reduction in nutrient loading	0	0/5
% reduction of water surface	0	0/5

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:	OV 06 WTRBA (ESOC)
Activity Title:	Forked Deer River Floodplain and Waterway Restorat

Activity Category:

NDR - Social Value

Project Number:

OV Project Tennessee

Projected Start Date:

12/27/2016

Benefit Type:

Area ()

National Objective:

NA

Activity Status:

Under Way

Project Title:

NDR Outcome Values

Projected End Date:

09/30/2022

Completed Activity Actual End Date:

Responsible Organization:

West Tennessee River Basin Authority

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$0.00
Total Budget	\$0.00	\$0.00
Total Obligated	\$0.00	\$0.00
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	\$0.00	\$0.00
State of Tennessee	\$0.00	\$0.00
West Tennessee River Basin Authority	\$0.00	\$0.00
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

It is projected that there will be 5 school trips to the wetlands upon completion of the project based upon previous and similar projects by WTRBA. WTRBA will collect the data.
 The increase to the yet to be restored wetlands will be 100%. This is based upon previous and similar projects by WTRBA. WTRBA will collect the data.

Location Description:

Activity Progress Narrative:

A contract was awarded for this project and a pre-construction meeting was held on October 18, 2019. Construction began on 10/21/19 and continued through November until weather issues interrupted construction, which is expected to resume in March 2020.



Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of school field trips	0	0/5
% increase in # of visitors	0	0/100

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:	OV 06 WTRBA (RES)
Activity Title:	Forked Deer River Floodplain and Waterway Restorat

Activity Category:

NDR - Resilience Value

Project Number:

OV Project Tennessee

Projected Start Date:

12/27/2016

Benefit Type:

Area ()

National Objective:

NA

Activity Status:

Under Way

Project Title:

NDR Outcome Values

Projected End Date:

09/30/2022

Completed Activity Actual End Date:

Responsible Organization:

West Tennessee River Basin Authority

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$0.00
Total Budget	\$0.00	\$0.00
Total Obligated	\$0.00	\$0.00
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	\$0.00	\$0.00
State of Tennessee	\$0.00	\$0.00
West Tennessee River Basin Authority	\$0.00	\$0.00
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

There will be 800 acres of wetland restored/created during the duration of the project, this is based upon budget projections. WTRBA will collect the data.

There will be 2 acres of brownfields converted to wetlands during the duration of the project, this is based upon budget projections. WTRBA will collect the data.

The projected usage of migratory birds, in the yet to be built wetlands, will be calculated by WTRBA during the early stages of the project. WTRBA will collect the data.

Location Description:

Activity Progress Narrative:

A contract was awarded for this project and a pre-construction meeting was held on October 18, 2019. Construction began on 10/21/19 and continued through November until weather issues interrupted construction, which is expected to resume in March 2020.



Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of acres of wetland	0	0/800
# of brownfield acres converted	0	0/2
% increase in use by migratory	0	6/25

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:	OV 07 WTRBA (ECO)
Activity Title:	Jackson Flood Control

Activity Category:

NDR - Economic Value

Project Number:

OV Project Tennessee

Projected Start Date:

12/27/2016

Benefit Type:

Area ()

National Objective:

NA

Activity Status:

Under Way

Project Title:

NDR Outcome Values

Projected End Date:

09/30/2022

Completed Activity Actual End Date:

Responsible Organization:

West Tennessee River Basin Authority

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$0.00
Total Budget	\$0.00	\$0.00
Total Obligated	\$0.00	\$0.00
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	\$0.00	\$0.00
State of Tennessee	\$0.00	\$0.00
West Tennessee River Basin Authority	\$0.00	\$0.00
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

The current level of road closures is being calculated by the city of Jackson, based upon previous projects completed by WTRBA there is expected to be a 10% decrease in such events. WTRBA and the city of Jackson will collect the data.

Location Description:

Activity Progress Narrative:

Acquisition is ongoing on all 3 projects. Greenway Design is 75% complete and Detention Structures Design is 90% complete.

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
% decrease in road closures in	0	0/10



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:	OV 07 WTRBA (ENV)
Activity Title:	Jackson Flood Control

Activity Category:
NDR - Environmental Value

Project Number:
OV Project Tennessee

Projected Start Date:
12/27/2016

Benefit Type:
Area ()

National Objective:
NA

Activity Status:
Under Way

Project Title:
NDR Outcome Values

Projected End Date:
09/30/2022

Completed Activity Actual End Date:

Responsible Organization:
West Tennessee River Basin Authority

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$0.00
Total Budget	\$0.00	\$0.00
Total Obligated	\$0.00	\$0.00
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	\$0.00	\$0.00
State of Tennessee	\$0.00	\$0.00
West Tennessee River Basin Authority	\$0.00	\$0.00
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

Location Description:

The level of nutrient loading will be assessed at the beginning of the project, based upon similar projects completed by WTRBA, there is expected to be a 10% reduction. WTRBA will collect the data. There will be 10 acres of native vegetation planted during the course of the projected, this is based off of budget projections. WTRBA will collect the data.

Activity Progress Narrative:

Acquisition is ongoing on all 3 projects. Greenway Design is 75% complete and Detention Structures Design is 90% complete.

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of acres of native vegetation	0	0/10



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:	OV 07 WTRBA (RES)
Activity Title:	Jackson Flood Control

Activity Category:
NDR - Resilience Value

Project Number:
OV Project Tennessee

Projected Start Date:
12/27/2016

Benefit Type:
()

National Objective:
NA

Activity Status:
Under Way

Project Title:
NDR Outcome Values

Projected End Date:
09/30/2022

Completed Activity Actual End Date:

Responsible Organization:
West Tennessee River Basin Authority

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$0.00
Total Budget	\$0.00	\$0.00
Total Obligated	\$0.00	\$0.00
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	\$0.00	\$0.00
State of Tennessee	\$0.00	\$0.00
West Tennessee River Basin Authority	\$0.00	\$0.00
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

The current level of ground water infiltration will be assessed at the beginning of the project, based upon similar projects by WTRBA, there is expected to be a 5% increase in this rate. WTRBA will collect the data.

Location Description:

Activity Progress Narrative:

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
% increase in groundwater	0	0/5



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:	OV 07 WTRBA (SOC)
Activity Title:	Jackson Flood Control

Activity Category:

NDR - Social Value

Project Number:

OV Project Tennessee

Projected Start Date:

12/27/2016

Benefit Type:

Area ()

National Objective:

NA

Activity Status:

Under Way

Project Title:

NDR Outcome Values

Projected End Date:

09/30/2022

Completed Activity Actual End Date:

Responsible Organization:

West Tennessee River Basin Authority

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$0.00
Total Budget	\$0.00	\$0.00
Total Obligated	\$0.00	\$0.00
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	\$0.00	\$0.00
State of Tennessee	\$0.00	\$0.00
West Tennessee River Basin Authority	\$0.00	\$0.00
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

There will be 1 water control structure repaired/replaced, this projection is based on budget projections and need. The data was collected by WTRBA, who will continue to collect it.
 Trail utilization, on the trail that is to be built as a part of the project, will increase over 100%. This projection is based upon previous projects WTRBA has completed. WTRBA has, and will continue, to collect the data.
 There is currently 0 LF of trail in the project area, there will be 2000 LF of trail based off of budget projections and engineer assessments. WTRBA will collect the data.

Location Description:

Activity Progress Narrative:

Acquisition is ongoing on all 3 projects. Greenway Design is 75% complete and Detention Structures Design is 90% complete.

Accomplishments Performance Measures

This Report Period	Cumulative Actual Total / Expected
Total	Total



# of linear of trails constructed	0	0/2000
# of water control structures	0	0/1
% increase in trail utilization	0	0/100

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:	OV 08 WTRBA (ENV)
Activity Title:	Cold Creek Chute Restoration

Activity Category:
NDR - Environmental Value

Activity Status:
Under Way

Project Number:
OV Project Tennessee

Project Title:
NDR Outcome Values

Projected Start Date:
12/27/2016

Projected End Date:
09/30/2022

Benefit Type:
Area ()

Completed Activity Actual End Date:

National Objective:
NA

Responsible Organization:
West Tennessee River Basin Authority

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$0.00
Total Budget	\$0.00	\$0.00
Total Obligated	\$0.00	\$0.00
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	\$0.00	\$0.00
State of Tennessee	\$0.00	\$0.00
West Tennessee River Basin Authority	\$0.00	\$0.00
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

The current number of average fish kill events is being generated by a state agency, it is projected that, through restoration efforts, there will be a 25% reduction. This is based off of similar projects undertaken by WTRBA.

Location Description:

Activity Progress Narrative:

During this reporting period activities have focused on obtaining access and over 100 temporary construction easements from property owners sothat construction can begin. Constructuon is expected to proceed quickly once all necessary permits have been obtained.

Accomplishments Performance Measures

This Report Period	Cumulative Actual Total / Expected
Total	Total



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:	OV 08 WTRBA (RES)
Activity Title:	Cold Creek Chute Restoration

Activity Category:
NDR - Resilience Value

Project Number:
OV Project Tennessee

Projected Start Date:
12/27/2016

Benefit Type:
Area ()

National Objective:
NA

Activity Status:
Under Way

Project Title:
NDR Outcome Values

Projected End Date:
09/30/2022

Completed Activity Actual End Date:

Responsible Organization:
West Tennessee River Basin Authority

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$0.00
Total Budget	\$0.00	\$0.00
Total Obligated	\$0.00	\$0.00
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	\$0.00	\$0.00
State of Tennessee	\$0.00	\$0.00
West Tennessee River Basin Authority	\$0.00	\$0.00
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

Location Description:

Activity Progress Narrative:

During this reporting period activities have focused on obtaining access and over 100 temporary construction easements from property owners sothat construction can begin. Constructuon is expected to proceed quickly once all necessary permits have been obtained.

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:	OV 08 WTRBA (SOC)
Activity Title:	Cold Creek Chute Restoration

Activity Category:

NDR - Social Value

Project Number:

OV Project Tennessee

Projected Start Date:

12/27/2016

Benefit Type:

Area ()

National Objective:

NA

Activity Status:

Under Way

Project Title:

NDR Outcome Values

Projected End Date:

09/30/2022

Completed Activity Actual End Date:

Responsible Organization:

West Tennessee River Basin Authority

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$0.00
Total Budget	\$0.00	\$0.00
Total Obligated	\$0.00	\$0.00
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	\$0.00	\$0.00
State of Tennessee	\$0.00	\$0.00
West Tennessee River Basin Authority	\$0.00	\$0.00
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

It is projected, based upon budget projections, that 1 water control structure will be rehabilitated. This data was collected by the WTRBA, who will continue to collect the data.

The average number of inaccessible days is being calculated by a state agency, it is projected, based upon similar projects by WTRBA, that there will be a 25% reduction in inaccessibility. WTRBA will collect the data.

Location Description:

Activity Progress Narrative:

During this reporting period activities have focused on obtaining access and over 100 temporary construction easements from property owners sothat construction can begin. Constructuon is expected to proceed quickly once all necessary permits have been obtained.

Accomplishments Performance Measures

**This Report Period
Total**

**Cumulative Actual Total / Expected
Total**



# of water control structures	0	0/1
% decrease in number of	0	0/25

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:	OV 09 Lauderdale (ECO)
Activity Title:	Mississippi River Corridor Outlook

Activity Category:

NDR - Economic Value

Project Number:

OV Project Tennessee

Projected Start Date:

12/27/2016

Benefit Type:

Area ()

National Objective:

NA

Activity Status:

Under Way

Project Title:

NDR Outcome Values

Projected End Date:

09/30/2022

Completed Activity Actual End Date:

Responsible Organization:

Lauderdale County TN

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$0.00
Total Budget	\$0.00	\$0.00
Total Obligated	\$0.00	\$0.00
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	\$0.00	\$0.00
Lauderdale County TN	\$0.00	\$0.00
State of Tennessee	\$0.00	\$0.00
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

There are currently 0 tourism plans in the project area, there will be 1 plan as a result of our actions. The data was derived from the county government.

There are currently 0 visitors to the to be built senic overlook, there will be a 5% increase in visitors to the county after construction. The data was derived from estimates based upon road traffic projections.

Location Description:

Activity Progress Narrative:

Plans and specifications were approved on November 4, 2019 and construction is expected to begin soon.

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of tourism plans adopted	0	1/1



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:	OV 09 Lauderdale (RES)
Activity Title:	Mississippi River Corridor Outlook

Activity Category:
NDR - Resilience Value

Project Number:
OV Project Tennessee

Projected Start Date:
12/27/2016

Benefit Type:
Area ()

National Objective:
NA

Activity Status:
Under Way

Project Title:
NDR Outcome Values

Projected End Date:
09/30/2022

Completed Activity Actual End Date:

Responsible Organization:
Lauderdale County TN

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$0.00
Total Budget	\$0.00	\$0.00
Total Obligated	\$0.00	\$0.00
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	\$0.00	\$0.00
Lauderdale County TN	\$0.00	\$0.00
State of Tennessee	\$0.00	\$0.00
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

There are currently 0 low-impact/maintenance components in the to be constructed scenic overlook, there will be 12 upon completion. The data was derived from preliminary engineer assessments.

Location Description:

Activity Progress Narrative:

Plans and specifications were approved on November 4, 2019 and construction is expected to begin soon.

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of low-impact/maintenance	0	0/9



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:	OV 09 Lauderdale (SOC)
Activity Title:	Mississippi River Corridor Outlook

Activity Category:

NDR - Social Value

Project Number:

OV Project Tennessee

Projected Start Date:

12/27/2016

Benefit Type:

Area ()

National Objective:

NA

Activity Status:

Under Way

Project Title:

NDR Outcome Values

Projected End Date:

09/30/2022

Completed Activity Actual End Date:

Responsible Organization:

Lauderdale County TN

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$0.00
Total Budget	\$0.00	\$0.00
Total Obligated	\$0.00	\$0.00
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	\$0.00	\$0.00
Lauderdale County TN	\$0.00	\$0.00
State of Tennessee	\$0.00	\$0.00
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

There are currently 0 tourism plans in the project area, there will be 1 upon completion. The data was derived from conversations with the local county government.

There are currently 0 school trips to the yet to be constructed scenic overlook, there will be 40 upon completion. The data was derived from conversations with the local county government.

There are currently 0 special events at the yet to be constructed scenic overlook, there will be 6 upon completion. The data was derived from conversations with the local county government.

Location Description:

Activity Progress Narrative:

Plans and specifications were approved on November 4, 2019 and construction is expected to begin soon.



Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of school field trips	0	0/5
# of special events held	0	0/6
# of tourism plans adopted	0	1/1

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:	OV 10 UofM (ENV)
Activity Title:	Hazard Mapping, Assessment and Education

Activity Category:
NDR - Environmental Value

Project Number:
OV Project Tennessee

Projected Start Date:
12/27/2016

Benefit Type:
Area ()

National Objective:
NA

Activity Status:
Under Way

Project Title:
NDR Outcome Values

Projected End Date:
09/30/2022

Completed Activity Actual End Date:

Responsible Organization:
University of Memphis

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$0.00
Total Budget	\$0.00	\$0.00
Total Obligated	\$0.00	\$0.00
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	\$0.00	\$0.00
State of Tennessee	\$0.00	\$0.00
University of Memphis	\$0.00	\$0.00
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

Location Description:

Currently 0% of the project area is evaluated/mapped with enhanced data, 100% will be evaluated/mapped after analysis. The data was derived from previous comparable projects and the University of Memphis will be collecting the data.

Activity Progress Narrative:

The University of Memphis has already delivered work products that inform local leaders for planning and prioritization of time and efforts. This Project has 7 Sub activities, which are:

- Flood Impact Assessment –This sub-activity is estimated to be 95% complete.
- HEC-RAS Flood Modeling - This sub-activity is has been completed.
- Seismic Hazard Assessment – This sub-activity is at 47% completion of the five-year period.
- Mississippi River Supply Chain Management – This sub-activity is a partnership with Vanderbilt University and is at 12% completion and on schedule for completion in May 2021.
- Risk Assessment for Lake County Schools – This sub-activity at 10% completion.
- Development of a High School Risk Curriculum - This sub-activity is at 36% completion.



- Interactive Hazards Database – This sub-activity is at 27% completion.
- Flood Impact Assessment – This sub-activity is 95% complete.

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
% of project area	0	215/100

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:	OV 10 UofM (RES)
Activity Title:	Hazard Mapping, Assessment and Education

Activity Category:

NDR - Resilience Value

Project Number:

OV Project Tennessee

Projected Start Date:

12/27/2016

Benefit Type:

Area ()

National Objective:

NA

Activity Status:

Under Way

Project Title:

NDR Outcome Values

Projected End Date:

09/30/2022

Completed Activity Actual End Date:

Responsible Organization:

University of Memphis

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$0.00
Total Budget	\$0.00	\$0.00
Total Obligated	\$0.00	\$0.00
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	\$0.00	\$0.00
State of Tennessee	\$0.00	\$0.00
University of Memphis	\$0.00	\$0.00
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

Currently 0 acres of the project area are evaluated/mapped with improved data, 300000 acres will be evaluated/mapped after analysis. The data was derived from previous comparable projects and the University of Memphis will be collecting the data. Currently 0% of the project area is evaluated/mapped with enhanced data, 100% will be evaluated/mapped after analysis. The data was derived from previous comparable projects and the University of Memphis will be collecting the data.

Location Description:

Activity Progress Narrative:

The University of Memphis has already delivered work products that inform local leaders for planning and prioritization of time and efforts. This Project has 7 Sub activities, which are:

- Flood Impact Assessment – This sub-activity is estimated to be 95% complete.
- HEC-RAS Flood Modeling - This sub-activity is has been completed.
- Seismic Hazard Assessment – This sub-activity is at 47% completion of the five-year period.
- Mississippi River Supply Chain Management – This sub-activity is a partnership with Vanderbilt University



and is at 12% completion and on schedule for completion in May 2021.

- Risk Assessment for Lake County Schools – This sub-activity at 10% completion.
- Development of a High School Risk Curriculum - This sub-activity is at 36% completion.
- Interactive Hazards Database – This sub-activity is at 27% completion.
- Flood Impact Assessment – This sub-activity is 95% complete.

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of acres with improved	0	165/300000
% of project area	0	133/100

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:	OV 10 UofM (SOC)
Activity Title:	Hazard Mapping, Assessment and Education

Activity Category:

NDR - Social Value

Project Number:

OV Project Tennessee

Projected Start Date:

12/27/2016

Benefit Type:

Area ()

National Objective:

NA

Activity Status:

Under Way

Project Title:

NDR Outcome Values

Projected End Date:

09/30/2022

Completed Activity Actual End Date:

Responsible Organization:

University of Memphis

Overall	Oct 1 thru Dec 31, 2019	To Date
Total Projected Budget from All Sources	N/A	\$0.00
Total Budget	\$0.00	\$0.00
Total Obligated	\$0.00	\$0.00
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	\$0.00	\$0.00
State of Tennessee	\$0.00	\$0.00
University of Memphis	\$0.00	\$0.00
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

Currently 0 public meetings have been held, 8 will be held upon completion of the project. The data was derived from academic research and budget projections; the University of Memphis will be collecting the data.

Currently the yet to be built website has 0 hits, it will have 10,000 upon completion of the project. The data was derived from previous comparable projects and the University of Memphis will be collecting the data.

Currently the yet to be built website has 0 document downloads, it will have 100 upon completion of the project. The data was derived from previous comparable projects and the University of Memphis will be collecting the data.

The current SOVI score will be calculated during the initial stages of the project, a 3% increase is projected based upon academic research. The University of Memphis will be collecting the data.

Currently 0 recommendations have been implemented, 3 are projected to be implemented during the life of the project. The data is based upon interactions with local government and academic research; the University of Memphis will be collecting the data.

Currently 0 resilience planning documents have been utilized, 5 are expected to be so by the completion of the project. The data is based off of academic research and conversations with local governments; the data will be collected by the University of Memphis.

There are currently 0 data products being used in school curriculums, 3 are projected to be used upon completion of the project. The data is based off of academic and educational research; the University of Memphis will collect the data.



Location Description:

Activity Progress Narrative:

One public meeting was held this quarter. On September 19, 2019, The University of Memphis NDR Project Manager served as invited subject matter expert for the UASI (Urban Areas Security Initiative) meeting with TN Emergency Managers, first responders, school board members, and various community administrators across west Tennessee. Hosted by the Shelby County Office of Preparedness and Homeland Security, the meeting provided info and feedback related to the University of Memphis NDR, earthquake vulnerability, and disaster preparedness. Meeting attendance was approximately 45 people.

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of Website visits	0	0/550
# of data products used in	0	0/3
# of public education meetings	1	8/3
# of resilience planning	0	90/5
# of resilience planning	2	3/3
# of website document	12	92/100
% improved Social Vulnerability	0	0/3

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	
