

Oct 1, 2017 thru Dec 31, 2017 Performance Report

Grant Number:
B-13-DS-47-0002

Obligation Date:

Grantee Name:
Tennessee

Award Date:

LOCCS Authorized Amount:
\$44,502,374.00

Contract End Date:

Estimated PI/RL Funds:

Reviewed By HUD:
Reviewed and Approved

Total Budget:
\$44,502,374.00

Grant Status:
Active

QPR Contact:
Calvin Whitaker

Disasters: Declaration Number

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 resilience. 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:**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

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

Supporting Documents
None

Overall	This Report Period	To Date
Total Projected Budget from All Sources	N/A	58,070,174
Total Budget	0	44,502,374
Total Obligated	\$488,462.60	\$1,270,305.80
Total Funds Drawdown	\$488,462.60	\$1,270,305.80
Program Funds Drawdown	\$488,462.60	\$1,270,305.80
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$87,500.00	\$512,004.50
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%
Overall Benefit Percentage (Actual):		100%
Minimum Non-Federal Match	\$0	\$0
Limit on Public Services	\$6,675,356.1	\$0
Limit on Admin/Planning	\$8,900,474.8	\$447,705.51
Limit on State Admin	\$0	\$447,705.51
Most Impacted and Distressed Threshold (Projected):	\$0.00	\$0.00

Overall Progress Narrative:

In the last quarter slight less than expect progress was accomplished, which is reflected in the amount of drawdowns. However, 4 of our projects, those in which the grantee is the West Tennessee River Basin Authority, have secured administrative contracts and are expected to pick up significantly in the next quarter. Furthermore, all of these contracts are still on pace to be

completed within the life cycle of the grant. The other 6 projects are well under way, though several of the projects were slowed this quarter by the land acquisition process.

Project Summary

Project#, Project Title	This Report Period	To Date	
	Program Funds Drawdown	Project Funds Budgeted	Program Funds Drawdown
LTC Project Tennessee, Long Term Commitments	0	0	0
NDR 01 JEA, Jackson Wastewater System Improvements	87,500	13,400,000	478,500
NDR 02 Dyersburg, Dyersburg Wastewater System Rehabilitation	196,000	3,042,500	196,000
NDR 03 Henning, Henning Wastewater System Rehabilitation	112,720.39	1,809,000	148,100.29
NDR 04 WTRBA, Mississippi River Levee Pump Installation	0	2,945,000	0
NDR 05 Dyersburg, Dyersburg Wetlands Creation and Recreation Facilities	0	4,619,100	0
NDR 06 WTRBA, Forked Deer River Floodplain and Waterway Restoration	0	5,660,000	0
NDR 07 WTRBA, Jackson Flood Control	0	5,860,000	0
NDR 08 WTRBA, Cold Creek Chute Restoration	0	185,000	0
NDR 09 Lauderdale County, Mississippi River Corridor Overlook	0	1,244,500	0
NDR 10 University of Memphis, Hazard Mapping, Education, and Assessment	0	3,576,731	0
NDR Administration, Administration	92,242.21	2,160,543	447,705.51
OV Project Tennessee, NDR Outcome Values	0	0	0
SL Project Tennessee, Supporting Leverage	0	0	0

Project/Activity Index:

Project #	Project Title	Grantee Activity #	Activity Title
LTC Project Tennessee	Long Term Commitments	LTC 01 Tennessee	Long Range Transportation Plan
NDR 01 JEA		NDR 01 JEA	

	Jackson Wastewater System Improvements		Jackson Wastewater System Improvements
NDR 02 Dyersburg	Dyersburg Wastewater System Rehabilitation	NDR 02 Dyersburg	Dyersburg Wastewater System Rehabilitation
NDR 03 Henning	Henning Wastewater System Rehabilitation	NDR 03 Henning	Henning Wastewater System Rehabilitation
NDR 04 WTRBA	Mississippi River Levee Pump Installation	NDR 04 WTRBA	Mississippi River Levee Pump Installation
NDR 05 Dyersburg	Dyersburg Wetlands Creation and Recreation Facilities	NDR 05 Dyersburg	Dyersburg Wetlands Creation and Recreation Facilit
NDR 06 WTRBA	Forked Deer River Floodplain and Waterway Restoration	NDR 06 WTRBA	Forked Deer River Floodplain and Waterway Restorat
NDR 07 WTRBA	Jackson Flood Control	NDR 07 WTRBA	Jackson Flood Control
NDR 08 WTRBA	Cold Creek Chute Restoration	NDR 08 WTRBA	Cold Creek Chute Restoration
NDR 09 Lauderdale County	Mississippi River Corridor Overlook	NDR 09 Lauderdale County	Mississippi River Corridor Overlook
NDR 10 University of Memphis	Hazard Mapping, Education, and Assessment	NDR 10 University of Memphis	Hazard Mapping, Education, and Assessment
NDR Administration	Administration	NDR 12 ECD Admin	ECD Administration
NDR Administration	Administration	NDR 13 Stantec Admin	Stantec Administration
OV Project Tennessee	NDR Outcome Values	OV 00 Long Term Commitment	Long Range Transportation Plan
OV Project Tennessee	NDR Outcome Values	OV 01 JEA (ECO)	Jackson Wastewater System Improvements
OV Project Tennessee	NDR Outcome Values	OV 01 JEA (ENV)	Jackson Wastewater System Improvements
OV Project Tennessee	NDR Outcome Values	OV 01 JEA (RES)	Jackson Wastewater System Improvements
OV Project Tennessee	NDR Outcome Values	OV 02 Dyersburg (ECO)	Dyersburg Wastewater System Rehabilitation
OV Project Tennessee	NDR Outcome Values	OV 02 Dyersburg (ENV)	Dyersburg Wastewater System Rehabilitation
OV Project Tennessee	NDR Outcome Values	OV 02 Dyersburg (RES)	Dyersburg Wastewater System Rehabilitation
OV Project Tennessee	NDR Outcome Values	OV 03 Henning (ENV)	Henning Wastewater System Rehabilitation
OV Project Tennessee	NDR Outcome Values	OV 03 Henning (RES)	Henning Wastewater System Rehabilitation

OV Project Tennessee	NDR Outcome Values	OV 04 WTRBA (ECO)	Mississippi River Levee Pump Installation
OV Project Tennessee	NDR Outcome Values	OV 04 WTRBA (ENV)	Mississippi River Levee Pump Installation
OV Project Tennessee	NDR Outcome Values	OV 04 WTRBA (RES)	Mississippi River Levee Pump Installation
OV Project Tennessee	NDR Outcome Values	OV 05 Dyersburg (ECO)	Dyersburg Wetland and Parks Creation
OV Project Tennessee	NDR Outcome Values	OV 05 Dyersburg (ENV)	Dyersburg Wetland and Parks Creation
OV Project Tennessee	NDR Outcome Values	OV 05 Dyersburg (RES)	Dyersburg Wetland and Parks Creation
OV Project Tennessee	NDR Outcome Values	OV 05 Dyersburg (SOC)	Dyersburg Wetland and Parks Creation
OV Project Tennessee	NDR Outcome Values	OV 06 WTRBA (ENV)	Forked Deer River Floodplain and Waterway Restorat
OV Project Tennessee	NDR Outcome Values	OV 06 WTRBA (ESOC)	Forked Deer River Floodplain and Waterway Restorat
OV Project Tennessee	NDR Outcome Values	OV 06 WTRBA (RES)	Forked Deer River Floodplain and Waterway Restorat
OV Project Tennessee	NDR Outcome Values	OV 07 WTRBA (ECO)	Jackson Flood Control
OV Project Tennessee	NDR Outcome Values	OV 07 WTRBA (ENV)	Jackson Flood Control
OV Project Tennessee	NDR Outcome Values	OV 07 WTRBA (RES)	Jackson Flood Control
OV Project Tennessee	NDR Outcome Values	OV 07 WTRBA (SOC)	Jackson Flood Control
OV Project Tennessee	NDR Outcome Values	OV 08 WTRBA (ENV)	Cold Creek Chute Restoration
OV Project Tennessee	NDR Outcome Values	OV 08 WTRBA (RES)	Cold Creek Chute Restoration
OV Project Tennessee	NDR Outcome Values	OV 08 WTRBA (SOC)	Cold Creek Chute Restoration
OV Project Tennessee	NDR Outcome Values	OV 09 Lauderdale (ECO)	Mississippi River Corridor Outlook
OV Project Tennessee	NDR Outcome Values	OV 09 Lauderdale (RES)	Mississippi River Corridor Outlook
OV Project Tennessee	NDR Outcome Values	OV 09 Lauderdale (SOC)	Mississippi River Corridor Outlook

OV Project Tennessee	NDR Outcome Values	OV 10 UofM (ENV)	Hazard Mapping, Assessment and Education
OV Project Tennessee	NDR Outcome Values	OV 10 UofM (RES)	Hazard Mapping, Assessment and Education
OV Project Tennessee	NDR Outcome Values	OV 10 UofM (SOC)	Hazard Mapping, Assessment and Education
SL Project Tennessee	Supporting Leverage	SL 02 Dyersburg	Dyersburg Wastewater System Rehabilitation
SL Project Tennessee	Supporting Leverage	SL 03 Henning	Henning Supporting Leverage
SL Project Tennessee	Supporting Leverage	SL 04 WTRBA	Mississippi River Levee Pump Installation
SL Project Tennessee	Supporting Leverage	SL 08 WTRBA	Cold Creek Chute Restoration
SL Project Tennessee	Supporting Leverage	SL 10 University of Memphis	Hazard Mapping, Education, and Assessment

Activities

Project # / Project Title: [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

National Objective:
Low/Mod

Completed Activity Actual End Date:

Responsible Organization:
Jackson Energy Authority

Benefit Type:
Area (Census)

Overall	Oct 1 thru Dec 31, 2017	To Date
Total Projected Budget from All Sources:	N/A	\$13,400,000.00
Total Budget:	\$0.00	\$13,400,000.00
Total Obligated:	\$87,500.00	\$478,500.00
Total Funds Drawdown	\$87,500.00	\$478,500.00
Program Funds Drawdown:	\$87,500.00	\$478,500.00
Program Income Drawdown:	\$0.00	\$0.00
Program Income Received:	\$0.00	\$0.00
Total Funds Expended:	\$87,500.00	\$478,500.00
Jackson Energy Authority	\$87,500.00	\$478,500.00
Most Impacted and Distressed Expended:	\$0.00	\$0.00
Match Contributed:	\$0.00	\$0.00

LMI %:

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:

During this quarter plans and specs for the first two phases were submitted and approved. Bids were requested and a bid opening date for phase one was completed. Construction is to begin soon after the holidays.

Activity Location:

Address	City	State	Zip	Status / Accept on PDF?
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No Activity Locations Found

Other Funding Sources Budgeted - Detail

Match Sources

Amount

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Activity Supporting Documents:

Activity Supporting Documents:

None

Project # / Project Title: NDR 02 Dyersburg / Dyersburg Wastewater System Rehabilitation

Grantee Activity Number:

NDR 02 Dyersburg

Activity Title:

Dyersburg Wastewater System Rehabilitation

Activity Category:

Construction/reconstruction of water/sewer lines or systems

Activity Status:

Under Way

Project Number:

NDR 02 Dyersburg

Project Title:

Dyersburg Wastewater System Rehabilitation

Projected End Date:

09/30/2022

Projected Start Date:

12/27/2016

Completed Activity Actual End Date:

National Objective:

Low/Mod

Responsible Organization:

City of Dyersburg

Benefit Type:

Area (Census)

Overall

Oct 1 thru Dec 31, 2017

To Date

Total Projected Budget from All Sources:

N/A

\$3,042,500.00

Total Budget:

\$0.00

\$3,042,500.00

Total Obligated:

\$196,000.00

\$196,000.00

Total Funds Drawdown

\$196,000.00

\$196,000.00

Program Funds Drawdown:

\$196,000.00

\$196,000.00

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
Most Impacted and Distressed Expended:	\$0.00	\$0.00
Match Contributed:	\$0.00	\$0.00

LMI%:

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:

During the past quarter the design work has been 85% completed and the Bid Specifications Manual is close to completion. A timeline extension was submitted by the grantee and approved.

Activity Location:

Address	City	State	Zip	Status / Accept	Visible on PDF?
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No Activity Locations Found

Other Funding Sources Budgeted - Detail

Match Sources	Amount
City of Dyersburg	1,000,000

Other Funding Sources Amount

No Other Funding Sources Found

Activity Supporting Documents:

Activity Supporting Documents:
None

Project # / Project Title: NDR 03 Henning / Henning Wastewater System Rehabilitation

<p>Grantee Activity Number: NDR 03 Henning</p> <p>Activity Category: Construction/reconstruction of water/sewer lines or systems</p> <p>Project Number: NDR 03 Henning</p> <p>Projected Start Date: 12/27/2016</p> <p>National Objective: Low/Mod</p> <p>Responsible Organization: Town of Henning</p> <p>Benefit Type: Area (Census)</p>	<p>Activity Title: Henning Wastewater System Rehabilitation</p> <p>Activity Status: Under Way</p> <p>Project Title: Henning Wastewater System Rehabilitation</p> <p>Projected End Date: 09/30/2022</p> <p>Completed Activity Actual End Date:</p>
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Overall	Oct 1 thru Dec 31, 2017	To Date
Total Projected Budget from All Sources:	N/A	\$1,809,000.00
Total Budget:	\$0.00	\$1,809,000.00
Total Obligated:	\$112,720.39	\$148,100.29
Total Funds Drawdown	\$112,720.39	\$148,100.29
Program Funds Drawdown:	\$112,720.39	\$148,100.29
Program Income Drawdown:	\$0.00	\$0.00
Program Income Received:	\$0.00	\$0.00
Total Funds Expended:	\$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

LMI %:

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:

During the last quarter the Phase I sewer system evaluation was completed. The design portion of the project was slowed by the discovery of several buried and extraneous manhole covers. Design work is currently 50% completed.

Activity Location:

Address	City	State	Zip	Status / Accept	Visible on PDF?
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No Activity Locations Found

Other Funding Sources Budgeted - Detail

Match Sources	Amount
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No Other Match Funding Sources Found

Other Funding Sources	Amount
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No Other Funding Sources Found

Activity Supporting Documents:

Activity Supporting Documents:

None

Project # / Project Title: [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

Completed Activity Actual End Date:

National Objective:

Low/Mod

Responsible Organization:

West Tennessee River Basin Authority

Benefit Type:

Area (Survey)

Overall

Oct 1 thru Dec 31, 2017

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

\$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

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:

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:

During the last quarter a new private sector consultant was selected and contracted for administration of the project. This should significantly improve project productivity. Topographic survey and boundary surveys for the project have begun.

Activity Location:

Address	City	State	Zip	Status / Accept Visible on PDF?
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No Activity Locations Found

Other Funding Sources Budgeted - Detail

Match Sources	Amount
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No Other Match Funding Sources Found

Other Funding Sources	Amount
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No Other Funding Sources Found

Activity Supporting Documents:

Activity Supporting Documents:

None

Project # / Project Title: [NDR 05 Dyersburg / Dyersburg Wetlands Creation and Recreation Facilities](#)

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:

NDR 05 Dyersburg

Project Title:

Dyersburg Wetlands Creation and Recreation Facilities

Projected Start Date:

12/27/2016

Projected End Date:

09/30/2022

National Objective:

Low/Mod

Completed Activity Actual End Date:

Responsible Organization:

City of Dyersburg

Benefit Type:

Overall	Oct 1 thru Dec 31, 2017	To Date
Total Projected Budget from All Sources:	N/A	\$4,619,100.00
Total Budget:	\$0.00	\$4,619,100.00
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
Most Impacted and Distressed Expended:	\$0.00	\$0.00
Match Contributed:	\$0.00	\$0.00

Accomplishments Performance Measures

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

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:

During the last quarter the environmental review was submitted and approved. The grantee is now in the acquisition phase of the project and is contracting for appraisal services.

Activity Location:

Address	City	State	Zip	Status / Accept	Visible on PDF?
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No Activity Locations Found

Other Funding Sources Budgeted - Detail

Match Sources	Amount
City of Dyersburg	1,000,000

Other Funding Sources	Amount
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No Other Funding Sources Found

Activity Supporting Documents:

Activity Supporting Documents:
None

Project # / Project Title: [NDR 06 WTRBA / Forked Deer River Floodplain and Waterway Restoration](#)

Grantee Activity Number:
NDR 06 WTRBA

Activity Title:
Forked Deer River Floodplain and Waterway Restorat

Activity Category:
Acquisition, construction, reconstruction of public facilities

Activity Status:
Under Way

Project Number:
NDR 06 WTRBA

Project Title:
Forked Deer River Floodplain and Waterway Restoration

Projected Start Date:
12/27/2016

Projected End Date:
09/30/2022

National Objective:

Low/Mod

Completed Activity Actual End Date:

Responsible Organization:

West Tennessee River Basin Authority

Benefit Type:

Area (Census)

Overall	Oct 1 thru Dec 31, 2017	To Date
Total Projected Budget from All Sources:	N/A	\$5,660,000.00
Total Budget:	\$0.00	\$5,660,000.00
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
West Tennessee River Basin Authority	\$0.00	\$0.00
Most Impacted and Distressed Expended:	\$0.00	\$0.00
Match Contributed:	\$0.00	\$0.00

LMI %:

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:

During the last quarter the grantee has clarified the steps needed in the environmental review process and has begun the process.

Activity Location:

Address	City	State	Zip	Status / Accept Visible on PDF?
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No Activity Locations Found

Other Funding Sources Budgeted - Detail

Match Sources	Amount
West Tennessee River Basin Authority	7,500,000

Other Funding Sources Amount

No Other Funding Sources Found

Activity Supporting Documents:

Activity Supporting Documents:

None

Project # / Project Title: 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

National Objective:

Low/Mod

Completed Activity Actual End Date:

Responsible Organization:

West Tennessee River Basin Authority

Benefit Type:

Area (Census)

Overall	Oct 1 thru Dec 31, 2017	To Date
Total Projected Budget from All Sources:	N/A	\$5,860,000.00
Total Budget:	\$0.00	\$5,860,000.00
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
West Tennessee River Basin Authority	\$0.00	\$0.00
Most Impacted and Distressed Expended:	\$0.00	\$0.00
Match Contributed:	\$0.00	\$0.00

LMI %:

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:

During the last quarter a new private sector consultant was selected and contracted for administration of the project. This should significantly improve project productivity. Topographic survey and boundary surveys for the project have begun.

Activity Location:

Address	City	State	Zip	Status / Accept	Visible on PDF?
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No Activity Locations Found

Other Funding Sources Budgeted - Detail

Match Sources	Amount
West Tennessee River Basin Authority	900,000

Other Funding Sources

Amount

No Other Funding Sources Found

Activity Supporting Documents:

Activity Supporting Documents:

None

Project # / Project Title: 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

National Objective:
Low/Mod

Completed Activity Actual End Date:

Responsible Organization:
West Tennessee River Basin Authority

Benefit Type:
Area (Census)

Overall	Oct 1 thru Dec 31, 2017	To Date
Total Projected Budget from All Sources:	N/A	\$185,000.00
Total Budget:	\$0.00	\$185,000.00
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
West Tennessee River Basin Authority	\$0.00	\$0.00
Most Impacted and Distressed Expended:	\$0.00	\$0.00
Match Contributed:	\$0.00	\$0.00

LMI%:

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:

During the last quarter a new private sector consultant was selected and contracted for administration of the project. This should significantly improve project productivity. Topographic survey and boundary surveys for the project have begun.

Activity Location:

Address	City	State	Zip	Status / Accept	Visible on PDF?
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No Activity Locations Found

Other Funding Sources Budgeted - Detail

Match Sources	Amount
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No Other Match Funding Sources Found

Other Funding Sources	Amount
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No Other Funding Sources Found

Activity Supporting Documents:

Activity Supporting Documents:
None

Project # / Project Title: NDR 09 Lauderdale County / Mississippi River Corridor Overlook

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

National Objective:
Low/Mod

Completed Activity Actual End Date:

Responsible Organization:
Lauderdale County TN

Benefit Type:
Area (Census)

Overall	Oct 1 thru Dec 31, 2017	To Date
Total Projected Budget from All Sources:	N/A	\$1,244,500.00
Total Budget:	\$0.00	\$1,244,500.00
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
Most Impacted and Distressed Expended:	\$0.00	\$0.00
Match Contributed:	\$0.00	\$0.00

LMI %:

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:

During the last quarter site selection for the overlook was narrowed down to one location and environmental review work has begun and is anticipated for submission within the first month of the new year. The overall tourism plan is 55% completed as well.

Activity Location:

Address	City	State	Zip	Status / Accept	Visible on PDF?
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No Activity Locations Found

Other Funding Sources Budgeted - Detail

Match Sources	Amount
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No Other Match Funding Sources Found

Other Funding Sources	Amount
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No Other Funding Sources Found

Activity Supporting Documents:

Activity Supporting Documents:
None

Project # / Project Title: NDR 10 University of Memphis / Hazard Mapping, Education, and Assessment

Grantee Activity Number:
NDR 10 University of Memphis

Activity Title:
Hazard Mapping, Education, and Assessment

Activity Category:
Planning

Activity Status:
Under Way

Project Number:
NDR 10 University of Memphis

Project Title:
Hazard Mapping, Education, and Assessment

Projected Start Date:
12/27/2016

Projected End Date:
09/30/2022

National Objective:
NA

Completed Activity Actual End Date:

Responsible Organization:
University of Memphis

Benefit Type:
Area (Census)

Overall	Oct 1 thru Dec 31, 2017	To Date
Total Projected Budget from All Sources:	N/A	\$3,576,731.00
Total Budget:	\$0.00	\$3,576,731.00
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
University of Memphis	\$0.00	\$0.00
Most Impacted and Distressed Expended:	\$0.00	\$0.00
Match Contributed:	\$0.00	\$0.00

LMI %:

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:

Of the subprojects active, this is their current status:

Flood Impact Assessment - Currentl flood modeling is underway. Preliminary results have indicated a shift in the boundaries of flood plains. In that, modern 500 year events might become as frequent as 100 year events in the future.

Seismic Hazard - Currently about 6% complete. Earthquake early warning system feasibility study has begun and is currently under way. Several sites have been permitted for evaluation.

Interactive Hazards Database - Currently about 4.5% complete. Coordination and data gathering is in full swing with multiple stake holders around the state.

TNPLAN (Resiliency Planning tool) development has picked up. Spearheaded by Stantec a project developer was assigned the last quarter to begin the development process. Currently we are working on the content and framework of the system.

Activity Location:

Address	City	State	Zip	Status / Accept	Visible on PDF?
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No Activity Locations Found

Other Funding Sources Budgeted - Detail

Match Sources	Amount
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No Other Match Funding Sources Found

Other Funding Sources	Amount
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No Other Funding Sources Found

Activity Supporting Documents:

Activity Supporting Documents:

None

Project # / Project Title: NDR Administration / Administration

Grantee Activity Number:
NDR 12 ECD Admin

Activity Title:
ECD Administration

Activity Category:
Administration

Activity Status:
Under Way

Project Number:
NDR Administration

Project Title:
Administration

Projected Start Date:
12/27/2016

Projected End Date:
09/30/2022

National Objective:
NA

Completed Activity Actual End Date:

Responsible Organization:
State of Tennessee

Benefit Type:

Overall	Oct 1 thru Dec 31, 2017	To Date
Total Projected Budget from All Sources:	N/A	\$385,543.00
Total Budget:	\$0.00	\$385,543.00
Total Obligated:	\$19,328.21	\$77,280.01
Total Funds Drawdown	\$19,328.21	\$77,280.01
Program Funds Drawdown:	\$19,328.21	\$77,280.01
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
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:

All projects except for the WTRBA projects are moving along. ECD has met with the new consultant for this activities, and we expect the environmental work to begin in January. Because these activities have lagged, ECD will be increasing oversight of these activities to encourage greater progress. The Lauderdale County activity was held up due to locatign a sight or the tourist senter, ERR submission is expected in January.

Activity Location:

Address	City	State	Zip	Status / Accept	Visible on PDF?
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No Activity Locations Found

Other Funding Sources Budgeted - Detail

Match Sources	Amount
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No Other Match Funding Sources Found

Other Funding Sources	Amount
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No Other Funding Sources Found

Activity Supporting Documents:

Activity Supporting Documents:
None

Grantee Activity Number:
NDR 13 Stantec Admin

Activity Title:
Stantec Administration

Activity Category:
Administration

Activity Status:
Under Way

Project Number:
NDR Administration

Project Title:
Administration

Projected Start Date:
12/27/2016

Projected End Date:
09/30/2022

National Objective:
NA

Completed Activity Actual End Date:

Responsible Organization:
Stantec Consulting Services Inc.

Benefit Type:

Overall	Oct 1 thru Dec 31, 2017	To Date
Total Projected Budget from All Sources:	N/A	\$1,775,000.00
Total Budget:	\$0.00	\$1,775,000.00
Total Obligated:	\$72,914.00	\$370,425.50
Total Funds Drawdown	\$72,914.00	\$370,425.50
Program Funds Drawdown:	\$72,914.00	\$370,425.50
Program Income Drawdown:	\$0.00	\$0.00
Program Income Received:	\$0.00	\$0.00
Total Funds Expended:	\$0.00	\$33,504.50
Stantec Consulting Services Inc.	\$0.00	\$33,504.50
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:

Stantec has continued to provide frontline administration by reviewing submitted documentation such as environmental reviews and providing a technical review for plans and specs. Stantec's representatives have also been involved pre-bid meetings and pre-construction conferences.

Activity Location:

Address	City	State	Zip	Status / Accept Visible on PDF?
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No Activity Locations Found

Other Funding Sources Budgeted - Detail

Match Sources	Amount
---------------	--------

No Other Match Funding Sources Found

Other Funding Sources	Amount
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No Other Funding Sources Found

Activity Supporting Documents:

Activity Supporting Documents:

None

Project # / Project Title: OV Project Tennessee / NDR Outcome Values

Grantee Activity Number:

OV 01 JEA (ECO)

Activity Title:

Jackson Wastewater System Improvements

Activity Category:

NDR - Economic 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

National Objective:

NA

Completed Activity Actual End Date:

Responsible Organization:

Jackson Energy Authority

Benefit Type:

Overall

Oct 1 thru Dec
31, 2017

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

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
% reduction in emergency maintenance costs	0	8/10
% decrease in disruption hours to residents and businesses from impacts of storm events	0	0/5
% reduction in energy costs	18	29/10

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 dirruption 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:

Activity Location:

Address	City	State	Zip	Status / Accept	Visible on PDF?
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No Activity Locations Found

Other Funding Sources Budgeted - Detail

Match Sources	Amount
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No Other Match Funding Sources Found

Other Funding Sources	Amount
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No Other Funding Sources Found

Activity Supporting Documents:

Activity Supporting Documents:
None

Grantee Activity Number:
OV 01 JEA (ENV)

Activity Title:
Jackson Wastewater System Improvements

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

National Objective:
NA

Completed Activity Actual End Date:

Responsible Organization:
Jackson Energy Authority

Benefit Type:

Overall	Oct 1 thru Dec 31, 2017	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

Accomplishments Performance Measures

This Report Period Cumulative Actual Total /
Expected

	Total	Total
# of linear feet of water/sewer line repaired/replaced	0	0/2,500
% reduction in flow (# gpm/cfm) at treatment plant in 25-yr storm event	0	0/5
% reduction of inflow/infiltration during storm events	0	0/5
% reduction of sanitary sewer overflows	300	700/5

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:

Activity Location:

Address	City	State	Zip	Status / Accept	Visible on PDF?
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No Activity Locations Found

Other Funding Sources Budgeted - Detail

Match Sources	Amount
---------------	--------

No Other Match Funding Sources Found

Other Funding Sources	Amount
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No Other Funding Sources Found

Activity Supporting Documents:

Activity Supporting Documents:
None

Grantee Activity Number:
OV 01 JEA (RES)

Activity Title:
Jackson Wastewater System Improvements

Activity Category:
NDR - Resilience 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

National Objective:
NA

Completed Activity Actual End Date:

Responsible Organization:
Jackson Energy Authority

Benefit Type:

Overall	Oct 1 thru Dec 31, 2017	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

Accomplishments Performance Measures

This Report Period Cumulative Actual Total /
Expected

	Total		Total
# of linear of sewer/water line constructed	0		0/6,800
% reduction in loss of service	0		0/8

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:

Activity Location:

Address	City	State	Zip	Status / Accept	Visible on PDF?
No Activity Locations Found					

Other Funding Sources Budgeted - Detail

Match Sources	Amount
No Other Match Funding Sources Found	

Other Funding Sources **Amount**

No Other Funding Sources Found

Activity Supporting Documents:

Activity Supporting Documents:
None

Grantee Activity Number:
OV 02 Dyersburg (ECO)

Activity Title:
Dyersburg Wastewater System Rehabilitation

Activity Category:

Activity Status:

NDR - Economic Value

Under Way

Project Number:
OV Project Tennessee

Project Title:
NDR Outcome Values

Projected Start Date:
12/27/2016

Projected End Date:
09/30/2022

National Objective:
NA

Completed Activity Actual End Date:

Responsible Organization:
City of Dyersburg

Benefit Type:
Area (Census)

Overall	Oct 1 thru Dec 31, 2017	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

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
% reduction in emergency maintenance costs	0	0/2,500

LMI%:

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:

Activity Location:

Address	City	State	Zip	Status / Accept Visible on PDF?
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No Activity Locations Found

Other Funding Sources Budgeted - Detail

Match Sources	Amount
---------------	--------

No Other Match Funding Sources Found

Other Funding Sources	Amount
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No Other Funding Sources Found

Activity Supporting Documents:

Activity Supporting Documents:
None

Grantee Activity Number:
OV 02 Dyersburg (ENV)

Activity Title:
Dyersburg Wastewater System Rehabilitation

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

National Objective:
NA

Completed Activity Actual End Date:

Responsible Organization:
City of Dyersburg

Benefit Type:

Area (Census)

Overall	Oct 1 thru Dec 31, 2017	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

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of manhole covers replaced	0	0/50
# of sanitary sewer overflows	1	1/2
% reduction in flow (# gpm/cfm) at treatment plant in 25-yr storm event	0	0/20

LMI %:

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:

Activity Location:

Address	City	State	Zip	Status / Accept Visible on PDF?
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No Activity Locations Found

Other Funding Sources Budgeted - Detail

Match Sources	Amount
---------------	--------

No Other Match Funding Sources Found

Other Funding Sources	Amount
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No Other Funding Sources Found

Activity Supporting Documents:

Activity Supporting Documents:

None

Grantee Activity Number:

OV 02 Dyersburg (RES)

Activity Title:

Dyersburg Wastewater System Rehabilitation

Activity Category:

NDR - Resilience 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

National Objective:

NA

Completed Activity Actual End Date:

Responsible Organization:

City of Dyersburg

Benefit Type:

Area (Census)

Overall

Oct 1 thru Dec 31, 2017

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

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of plans adopted	0	0/1
# of linear feet of water/sewer line repaired/replaced	0	0/8,600
# of liner feet examined	0	42,576/43,000

LMI %:

Activity Description:

There is currently 0 LF of sewer line examined, there will be 43,000 LF inventorid at the completion of the project as a result of a camera varification. This data was collected by the city of Dyersburg and they will contiune 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 contiune 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 of budget projections and was collected by the city of Dyersburg who will continue collection.

Location Description:

Activity Progress Narrative:

Activity Location:

Address	City	State	Zip	Status / Accept Visible on PDF?
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No Activity Locations Found

Other Funding Sources Budgeted - Detail

Match Sources

Amount

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Activity Supporting Documents:

Activity Supporting Documents:

None

Grantee Activity Number:

OV 03 Henning (ENV)

Activity Title:

Henning Wastewater System Rehabilitation

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

National Objective:

NA

Completed Activity Actual End Date:

Responsible Organization:

Town of Henning

Benefit Type:

Area (Census)

Overall

**Oct 1 thru Dec
31, 2017**

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

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of linear feet of water/sewer line repaired/replaced	0	0/10,000
# of manhole covers replaced	0	0/40
# of sanitary sewer overflows	0	0/4
% decrease in affluent discharged	0	42/10
% reduction in flow (# gpm/cfm) at treatment plant in 25-yr storm event	0	0/10
% reduction of inflow/infiltration during storm events	0	0/10

LMI %:

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:

Activity Location:

Address	City	State	Zip	Status / Accept Visible on PDF?
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No Activity Locations Found

Other Funding Sources Budgeted - Detail

Match Sources	Amount
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No Other Match Funding Sources Found

Other Funding Sources	Amount
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No Other Funding Sources Found

Activity Supporting Documents:

Activity Supporting Documents:

None

Grantee Activity Number:

OV 03 Henning (RES)

Activity Title:

Henning Wastewater System Rehabilitation

Activity Category:

NDR - Resilience 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

National Objective:

NA

Completed Activity Actual End Date:

Responsible Organization:

Town of Henning

Benefit Type:

Area (Census)

Overall

Oct 1 thru Dec 31, 2017

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

Accomplishments Performance Measures

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

LMI%:

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:

Activity Location:

Address	City	State	Zip	Status / Accept	Visible on PDF?
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No Activity Locations Found

Other Funding Sources Budgeted - Detail

Match Sources	Amount
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No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Activity Supporting Documents:

Activity Supporting Documents:

None

Grantee Activity Number:

OV 04 WTRBA (ECO)

Activity Title:

Mississippi River Levee Pump Installation

Activity Category:

NDR - Economic 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

National Objective:

NA

Completed Activity Actual End Date:

Responsible Organization:

West Tennessee River Basin Authority

Benefit Type:

Area (Survey)

Overall

**Oct 1 thru Dec
31, 2017**

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

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
% decrease in emergency man-hours during a flood event	0	0/25

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:

Activity Location:

Address	City	State	Zip	Status / Accept Visible on PDF?
No Activity Locations Found				

Other Funding Sources Budgeted - Detail

Match Sources	Amount
No Other Match Funding Sources Found	

Other Funding Sources

No Other Funding Sources Found

Activity Supporting Documents:

Activity Supporting Documents:
None

Grantee Activity Number:
OV 04 WTRBA (ENV)

Activity Title:
Mississippi River Levee Pump Installation

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

National Objective:
NA

Completed Activity Actual End Date:

Responsible Organization:
West Tennessee River Basin Authority

Benefit Type:
Area (Survey)

Overall	Oct 1 thru Dec 31, 2017	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

Accomplishments Performance Measures

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

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:

Activity Location:

Address	City	State	Zip	Status / Accept	Visible on PDF?
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No Activity Locations Found

Other Funding Sources Budgeted - Detail

Match Sources	Amount
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No Other Match Funding Sources Found

Other Funding Sources	Amount
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No Other Funding Sources Found

Activity Supporting Documents:

Activity Supporting Documents:

None

Grantee Activity Number:

OV 04 WTRBA (RES)

Activity Title:

Mississippi River Levee Pump Installation

Activity Category:

NDR - Resilience 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

National Objective:

NA

Completed Activity Actual End Date:

Responsible Organization:

West Tennessee River Basin Authority

Benefit Type:

Area (Survey)

Overall	Oct 1 thru Dec 31, 2017	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

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
% decrease in area inundated by flooding	0	0/10
% decrease water surface elevation level during a flood with a qualifying event	0	0/5
% increase in acres of cropland protected from flooding	0	0/10

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 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 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 to be a 5% decrease, based upon previous projects completed by WTRBA. WTRBA will collect the data.

Location Description:

Activity Progress Narrative:

Activity Location:

Address	City	State	Zip	Status / Accept	Visible on PDF?
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No Activity Locations Found

Other Funding Sources Budgeted - Detail

Match Sources

Amount

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Activity Supporting Documents:

Activity Supporting Documents:

None

Grantee Activity Number:

OV 05 Dyersburg (ECO)

Activity Title:

Dyersburg Wetland and Parks Creation

Activity Category:

NDR - Economic 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

National Objective:

NA

Completed Activity Actual End Date:

Responsible Organization:

City of Dyersburg

Benefit Type:

Area (Census)

Overall	Oct 1 thru Dec 31, 2017	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

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
% decrease in road closures in target area during a flood event	0	0/12
% of buildings protected/undamaged during a flood event	0	0/5

LMI %:

Activity Description:

Historical there have been 27,881 LF od 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:

Activity Location:

Address	City	State	Zip	Status / Accept	Visible on PDF?
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No Activity Locations Found

Other Funding Sources Budgeted - Detail

Match Sources

Amount

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Activity Supporting Documents:

Activity Supporting Documents:

None

Grantee Activity Number:

OV 05 Dyersburg (ENV)

Activity Title:

Dyersburg Wetland and Parks Creation

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

National Objective:

NA

Completed Activity Actual End Date:

Responsible Organization:

City of Dyersburg

Benefit Type:

Area (Census)

Overall

**Oct 1 thru Dec
31, 2017**

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

Accomplishments Performance Measures

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

LMI%:

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:

Activity Location:

Address	City	State	Zip	Status / Accept	Visible on PDF?
No Activity Locations Found					

Other Funding Sources Budgeted - Detail

Match Sources **Amount**

No Other Match Funding Sources Found

Other Funding Sources **Amount**

No Other Funding Sources Found

Activity Supporting Documents:

Activity Supporting Documents:

None

Grantee Activity Number:
OV 05 Dyersburg (RES)

Activity Title:
Dyersburg Wetland and Parks Creation

Activity Category:
NDR - Resilience 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

National Objective:
NA

Completed Activity Actual End Date:

Responsible Organization:
West Tennessee River Basin Authority

Benefit Type:
Area (Census)

Overall	Oct 1 thru Dec 31, 2017	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

Accomplishments Performance Measures

This Report Period	Cumulative Actual Total / Expected
Total	Total

# of acres of wetland created/restored	0	0/12
% decrease in road closures in target area during a flood event	0	0/12
% of buildings protected/undamaged during a flood event	0	0/1

LMI %:

Activity Description:

Historical there have been 27,881 LF od 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.

There are currently 0 acres of wetland in the project area, there will be 12 acres upon project completion. The data was derived from budget projections and will be collected by the city of Dyersburg.

Location Description:

Activity Progress Narrative:

Activity Location:

Address	City	State	Zip	Status / Accept	Visible on PDF?
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No Activity Locations Found

Other Funding Sources Budgeted - Detail

Match Sources	Amount
---------------	--------

No Other Match Funding Sources Found

Other Funding Sources	Amount
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No Other Funding Sources Found

Activity Supporting Documents:

Activity Supporting Documents:

None

Grantee Activity Number:
OV 05 Dyersburg (SOC)

Activity Title:
Dyersburg Wetland and Parks Creation

Activity Category:
NDR - Social 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

National Objective:
Urgent Need

Completed Activity Actual End Date:

Responsible Organization:
City of Dyersburg

Benefit Type:
Area (Census)

Overall	Oct 1 thru Dec 31, 2017	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

Accomplishments Performance Measures

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

LMI %:

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:

Activity Location:

Address	City	State	Zip	Status / Accept Visible on PDF?
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No Activity Locations Found

Other Funding Sources Budgeted - Detail

Match Sources	Amount
---------------	--------

No Other Match Funding Sources Found

Other Funding Sources	Amount
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No Other Funding Sources Found

Activity Supporting Documents:

Activity Supporting Documents:

None

Grantee Activity Number:
OV 06 WTRBA (ENV)

Activity Title:
Forked Deer River Floodplain and Waterway

Restorat

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

National Objective:
NA

Completed Activity Actual End Date:

Responsible Organization:
West Tennessee River Basin Authority

Benefit Type:
Area (Census)

Overall	Oct 1 thru Dec 31, 2017	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

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# linear feet of streams restored	0	0/2,500
% increase in functional assessment value for wetland habitats	0	0/10
% reduction in nutrient loading during flood events	0	0/5
% reduction of water surface elevation level	0	0/5

LMI %:

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:

Activity Location:

Address	City	State	Zip	Status / Accept	Visible on PDF?
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No Activity Locations Found

Other Funding Sources Budgeted - Detail

Match Sources	Amount
---------------	--------

No Other Match Funding Sources Found

Other Funding Sources	Amount
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No Other Funding Sources Found

Activity Supporting Documents:

Activity Supporting Documents:

None

Grantee Activity Number:
OV 06 WTRBA (ESOC)

Activity Title:
Forked Deer River Floodplain and Waterway

Activity Category:
NDR - Social Value

Project Number:
OV Project Tennessee

Projected Start Date:
12/27/2016

National Objective:
NA

Responsible Organization:
West Tennessee River Basin Authority

Benefit Type:
Area (Census)

Restorat

Activity Status:
Under Way

Project Title:
NDR Outcome Values

Projected End Date:
09/30/2022

Completed Activity Actual End Date:

Overall	Oct 1 thru Dec 31, 2017	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

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

LMI %:

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:

Activity Location:

Address	City	State	Zip	Status / Accept	Visible on PDF?
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No Activity Locations Found

Other Funding Sources Budgeted - Detail

Match Sources

Amount

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Activity Supporting Documents:

Activity Supporting Documents:

None

Grantee Activity Number:

OV 06 WTRBA (RES)

Activity Title:

Forked Deer River Floodplain and Waterway Restorat

Activity Category:

NDR - Resilience 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

National Objective:

NA

Completed Activity Actual End Date:

Responsible Organization:

West Tennessee River Basin Authority

Benefit Type:
Area (Census)

Overall	Oct 1 thru Dec 31, 2017	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

Accomplishments Performance Measures

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

LMI %:

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 useage 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:

Activity Location:

Address	City	State	Zip	Status / Accept	Visible on PDF?
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No Activity Locations Found

Other Funding Sources Budgeted - Detail

Match Sources

Amount

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Activity Supporting Documents:

Activity Supporting Documents:

None

Grantee Activity Number:

OV 07 WTRBA (ECO)

Activity Title:

Jackson Flood Control

Activity Category:

NDR - Economic 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

National Objective:

NA

Completed Activity Actual End Date:

Responsible Organization:

West Tennessee River Basin Authority

Benefit Type:

Area (Census)

Overall	Oct 1 thru Dec 31, 2017	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

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
% decrease in road closures in target area during a flood event	0	0/10

LMI %:

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:

Activity Location:

Address	City	State	Zip	Status / Accept Visible on PDF?
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No Activity Locations Found

Other Funding Sources Budgeted - Detail

Match Sources	Amount
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No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Activity Supporting Documents:

Activity Supporting Documents:

None

Grantee Activity Number:

OV 07 WTRBA (ENV)

Activity Title:

Jackson Flood Control

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

National Objective:

NA

Completed Activity Actual End Date:

Responsible Organization:

West Tennessee River Basin Authority

Benefit Type:

Area (Census)

Overall

**Oct 1 thru Dec
31, 2017**

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

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of acres of native vegetation planted	0	0/10
% reduction in nutrient loading during flood events	0	0/10

LMI %:

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:

Activity Location:

Address	City	State	Zip	Status / Accept Visible on PDF?
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No Activity Locations Found

Other Funding Sources Budgeted - Detail

Match Sources	Amount
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No Other Match Funding Sources Found

Other Funding Sources	Amount
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No Other Funding Sources Found

Activity Supporting Documents:

Activity Supporting Documents:

None

Grantee Activity Number:
OV 07 WTRBA (RES)

Activity Title:
Jackson Flood Control

Activity Category:
NDR - Resilience 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

National Objective:
NA

Completed Activity Actual End Date:

Responsible Organization:
West Tennessee River Basin Authority

Benefit Type:

Overall	Oct 1 thru Dec 31, 2017	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

Accomplishments Performance Measures

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

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:

Activity Location:

Address	City	State	Zip	Status / Accept	Visible on PDF?
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No Activity Locations Found

Other Funding Sources Budgeted - Detail

Match Sources	Amount
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No Other Match Funding Sources Found

Other Funding Sources	Amount
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No Other Funding Sources Found

Activity Supporting Documents:

Activity Supporting Documents:
None

Grantee Activity Number:
OV 07 WTRBA (SOC)

Activity Title:
Jackson Flood Control

Activity Category:
NDR - Social 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

National Objective:

Completed Activity Actual End Date:

NA

Responsible Organization:

West Tennessee River Basin Authority

Benefit Type:

Area (Census)

Overall	Oct 1 thru Dec 31, 2017	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

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of linear of trails constructed	0	0/2,000
# of water control structures repaired/replaced	0	0/1
% increase in trail utilization	0	0/100

LMI %:

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:

Activity Location:

Address	City	State	Zip	Status / Accept	Visible on PDF?
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No Activity Locations Found

Other Funding Sources Budgeted - Detail

Match Sources

Amount

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Activity Supporting Documents:

Activity Supporting Documents:

None

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

National Objective:

NA

Completed Activity Actual End Date:

Responsible Organization:

West Tennessee River Basin Authority

Benefit Type:

Area (Census)

Overall	Oct 1 thru Dec 31, 2017	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

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
% reduction of fish kill events	0	0/25

LMI %:

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:

Activity Location:

Address	City	State	Zip	Status / Accept Visible on PDF?
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No Activity Locations Found

Other Funding Sources Budgeted - Detail

Match Sources	Amount
---------------	--------

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Activity Supporting Documents:

Activity Supporting Documents:

None

Grantee Activity Number:

OV 08 WTRBA (RES)

Activity Title:

Cold Creek Chute Restoration

Activity Category:

NDR - Resilience 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

National Objective:

NA

Completed Activity Actual End Date:

Responsible Organization:

West Tennessee River Basin Authority

Benefit Type:

Area (Census)

Overall

**Oct 1 thru Dec
31, 2017**

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

LMI%:

Activity Description:

Location Description:

Activity Progress Narrative:

Activity Location:

Address	City	State	Zip	Status / Accept Visible on PDF?
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No Activity Locations Found

Other Funding Sources Budgeted - Detail

Match Sources	Amount
---------------	--------

No Other Match Funding Sources Found

Other Funding Sources	Amount
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No Other Funding Sources Found

Activity Supporting Documents:

Activity Supporting Documents:

None

Grantee Activity Number:
OV 08 WTRBA (SOC)

Activity Title:
Cold Creek Chute Restoration

Activity Category:
NDR - Social 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

National Objective:
NA

Completed Activity Actual End Date:

Responsible Organization:
West Tennessee River Basin Authority

Benefit Type:
Area (Census)

Overall	Oct 1 thru Dec 31, 2017	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

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of water control structures repaired/replaced	0	0/1
% decrease in number of inaccessible days	0	0/25

LMI %:

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:

Activity Location:

Address	City	State	Zip	Status / Accept	Visible on PDF?
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No Activity Locations Found

Other Funding Sources Budgeted - Detail

Match Sources

Amount

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Activity Supporting Documents:

Activity Supporting Documents:

None

Grantee Activity Number:

OV 09 Lauderdale (ECO)

Activity Title:

Mississippi River Corridor Outlook

Activity Category:

NDR - Economic 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

National Objective:

NA

Completed Activity Actual End Date:

Responsible Organization:

Lauderdale County TN

Benefit Type:

Area (Census)

Overall	Oct 1 thru Dec 31, 2017	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

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of tourism plans adopted	0	0/1
% increase in # of visitors	0	0/5

LMI %:

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:

Activity Location:

Address	City	State	Zip	Status / Accept	Visible on PDF?
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No Activity Locations Found

Other Funding Sources Budgeted - Detail

Match Sources

Amount

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Activity Supporting Documents:

Activity Supporting Documents:

None

Grantee Activity Number:

OV 09 Lauderdale (RES)

Activity Title:

Mississippi River Corridor Outlook

Activity Category:

NDR - Resilience 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

National Objective:

NA

Completed Activity Actual End Date:

Responsible Organization:

Lauderdale County TN

Benefit Type:

Area (Census)

Overall

**Oct 1 thru Dec
31, 2017**

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

Accomplishments Performance Measures

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

LMI %:

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:

Activity Location:

Address	City	State	Zip	Status / Accept	Visible on PDF?
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No Activity Locations Found

Other Funding Sources Budgeted - Detail

Match Sources	Amount
---------------	--------

No Other Match Funding Sources Found

Other Funding Sources	Amount
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No Other Funding Sources Found

Activity Supporting Documents:

Activity Supporting Documents:

None

Grantee Activity Number:
OV 09 Lauderdale (SOC)

Activity Title:
Mississippi River Corridor Outlook

Activity Category:
NDR - Social 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

National Objective:
NA

Completed Activity Actual End Date:

Responsible Organization:
Lauderdale County TN

Benefit Type:
Area (Census)

Overall	Oct 1 thru Dec 31, 2017	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

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	0/1

LMI %:

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:

Activity Location:

Address	City	State	Zip	Status / Accept	Visible on PDF?
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No Activity Locations Found

Other Funding Sources Budgeted - Detail

Match Sources	Amount
---------------	--------

No Other Match Funding Sources Found

Other Funding Sources	Amount
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No Other Funding Sources Found

Activity Supporting Documents:

Activity Supporting Documents:

None

Grantee Activity Number:
OV 10 UofM (ENV)

Activity Title:
Hazard Mapping, Assessment and Education

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

National Objective:
NA

Completed Activity Actual End Date:

Responsible Organization:
University of Memphis

Benefit Type:
Area (Survey)

Overall	Oct 1 thru Dec 31, 2017	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

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
Total	Total	Total
% of project area evaluated/mapped for flood risk	0	0/100

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:

Activity Location:

Address	City	State	Zip	Status / Accept	Visible on PDF?
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No Activity Locations Found

Other Funding Sources Budgeted - Detail

Match Sources	Amount
---------------	--------

No Other Match Funding Sources Found

Other Funding Sources	Amount
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No Other Funding Sources Found

Activity Supporting Documents:

Activity Supporting Documents:

None

Grantee Activity Number:

OV 10 UofM (RES)

Activity Title:

Hazard Mapping, Assessment and Education

Activity Category:

NDR - Resilience 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

National Objective:

NA

Completed Activity Actual End Date:

Responsible Organization:

University of Memphis

Benefit Type:

Area (Survey)

Overall

Oct 1 thru Dec 31, 2017

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

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of acres with improved multiple hazard risk mapping	0	0/300,000
% of project area evaluated/mapped for flood risk	0	0/100

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:

Activity Location:

Address	City	State	Zip	Status / Accept Visible on PDF?
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No Activity Locations Found

Other Funding Sources Budgeted - Detail

Match Sources	Amount
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No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Activity Supporting Documents:

Activity Supporting Documents:

None

Grantee Activity Number:

OV 10 UofM (SOC)

Activity Title:

Hazard Mapping, Assessment and Education

Activity Category:

NDR - Social 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

National Objective:

NA

Completed Activity Actual End Date:

Responsible Organization:

University of Memphis

Benefit Type:

Area (Survey)

Overall

**Oct 1 thru Dec
31, 2017**

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

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of Website visits	0	0/550
# of data products used in school curriculum	0	0/3
# of public education meetings	0	0/3
# of resilience planning documents utilized	0	0/5
# of resilience planning recommendations implemented	0	0/3
# of website document downloads	0	0/100
% improved Social Vulnerability Score	0	0/3

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:

Activity Location:

Address	City	State	Zip	Status / Accept Visible on PDF?
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No Activity Locations Found

Other Funding Sources Budgeted - Detail

Match Sources

Amount

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Activity Supporting Documents:

Activity Supporting Documents:

None

Review Checklist History

Status	Date	Action
Approved	01/30/2018	View PDF