

**WRRDA 7001 Submissions Package**  
**U.S. Army Corps of Engineers**

Proposal Name: Lakes Marion and Moultrie, SC - Modification

Submission Date: 09/09/2016

Proposal ID Number: 49f5b863-195d-4cbf-aa01-db0e188d6fab

Purpose of Proposal: The purpose is to modify the existing authorization for Lakes Marion and Moultrie, SC, for water supply through the Lake Marion Regional Water System Project described in the Project Cooperation Agreement between the Department of the Army and the Lake Marion Regional Water Agency and Lake Marion Regional Water System Project, 2015, and to replace Sumter County, SC, with Berkeley County, SC. (See attachments in #10: Project Cooperation Agreement, Project Letter Report and Lake Marion Regional Water System, 2015). Water supply limitations restrict this area, one of South Carolina's most poverty-ridden and poorest health regions. Improvements in this multi-county, economically-disadvantaged area are integral to the region's strategic efforts to significantly improve quality of life, preserve local aquaculture, and stabilize infrastructure necessary for community and economic development. LMRWA addresses the concern of compromised groundwater, along the I-95 corridor, by creating a safe, clean and reliable water supply and distribution system. Additionally, it will support Volvo Cars' first American factory and its suppliers with critical access to water from Lakes Marion and Moultrie. The regional water distribution system project has been made possible by a strong collaboration of numerous stakeholders, including the Army Corps of Engineers, Santee Cooper, local governments and area businesses. The I-95 Counties are developing cohesive plans to establish a dependable and efficient water supply. The system creates a reliable means for meeting environmental quality standards of the EPA and the SC Department of Health and Environmental Control and provides a regional system with statewide impact to better serve customers, improve the quality of life, and maximize investments for future economic growth.

*1. Administrative Details*

**Proposal Name: Lakes Marion and Moultrie, SC - Modification**

**by Agency: Lake Marion Regional Water Agency (LMRWA)**

**Locations: SC**

**Date Submitted: 09/09/2016**

**Confirmation Number: 49f5b863-195d-4cbf-aa01-db0e188d6fab**

*Supporting Documents*

<b>File Name</b>	<b>Date Uploaded</b>
LMRWA Support Ltr from Chairman Wright - Sept '16.pdf	09/09/2016
Fact Sheet Lakes Marion and Moultrie SC 13 Aug 15.pdf	09/09/2016
Letters of Local Support.pdf	09/09/2016
Expenditures as of August 31, 2015..pdf	09/09/2016
Ltrs & Statements of Support Associated Non-Federal - 2016.pdf	09/09/2016
Conformed and signed PCA Amendment 2.pdf	09/09/2016
Statements on Cost Share.pdf	09/09/2016
Lake Marion Regional Water System, September 2015.pdf	09/09/2016

**2. Provide the name of the primary sponsor and all non-Federal interests that have contributed or are expected to contribute toward the non-Federal share of the proposed feasibility study or modification.**

Sponsor	Letter of Support
Lake Marion Regional Water Agency (LMRWA)(Primary)	Lake Marion Water Agency supports a Modification to the existing authorization for Lakes Marion and Moultrie, SC, for water supply through the Lake Marion Regional Water System Project described in the Project Cooperation Agreement between the Department of the Army and the Lake Marion Regional Water Agency and Lake Marion Regional Water System Project, 2015, with the replacement of Sumter County, SC, with Berkeley County, SC. (See attachments in #10: Project Cooperation Agreement, Project Letter Report and Lake Marion Regional Water System, 2015)

**3. State if this proposal is for a feasibility study, a modification to an authorized USACE feasibility study or a modification to an authorized USACE project. If it is a proposal for a modification, provide the authorized water resources development feasibility study or project name.**

[x] Modification to an Authorized USACE Project : Lakes Marion and Moultrie, SC

***4. Clearly articulate the specific project purpose(s) of the proposed study or modification. Demonstrate that the proposal is related to USACE mission and authorities and specifically address why additional or new authorization is needed.***

The purpose is to modify the existing authorization for Lakes Marion and Moultrie, SC, for water supply through the Lake Marion Regional Water System Project described in the Project Cooperation Agreement between the Department of the Army and the Lake Marion Regional Water Agency and Lake Marion Regional Water System Project, 2015, and to replace Sumter County, SC, with Berkeley County, SC. (See attachments in #10: Project Cooperation Agreement, Project Letter Report and Lake Marion Regional Water System, 2015). Water supply limitations restrict this area, one of South Carolina's most poverty-ridden and poorest health regions. Improvements in this multi-county, economically-disadvantaged area are integral to the region's strategic efforts to significantly improve quality of life, preserve local aquaculture, and stabilize infrastructure necessary for community and economic development. LMRWA addresses the concern of compromised groundwater, along the I-95 corridor, by creating a safe, clean and reliable water supply and distribution system. Additionally, it will support Volvo Cars' first American factory and its suppliers with critical access to water from Lakes Marion and Moultrie. The regional water distribution system project has been made possible by a strong collaboration of numerous stakeholders, including the Army Corps of Engineers, Santee Cooper, local governments and area businesses. The I-95 Counties are developing cohesive plans to establish a dependable and efficient water supply. The system creates a reliable means for meeting environmental quality standards of the EPA and the SC Department of Health and Environmental Control and provides a regional system with statewide impact to better serve customers, improve the quality of life, and maximize investments for future economic growth.

*5. To the extent practicable, provide an estimate of the total cost, and the Federal and non-Federal share of those costs, of the proposed study and, separately, an estimate of the cost of construction or modification.*

	<b>Federal</b>	<b>Non-Federal</b>	<b>Total</b>
<b>Study</b>	\$0	\$0	\$0
<b>Construction</b>	\$29,550,000	\$9,850,000	\$39,400,000

**Explanation (if necessary)**

This request is in accordance with the current Project Cooperation Agreement between The Department of the Army and the Lake Marion Regional Water Agency for the Construction of the Lake Marion Regional System The Fact Sheet Lakes Marion and Moultrie, SC (13 Aug 15) provides the funding explanation to address study and construction costs. (see documentation in #10.)

***6. To the extent practicable, describe the anticipated monetary and nonmonetary benefits of the proposal including benefits to the protection of human life and property; improvement to transportation; the national economy; the environment; or the national security interests of the United States.***

Protection of Human Life and Property SC's I-95 Corridor is a diverse, expansive region of nearly 1,000,000 people in 17 counties. The project provides underserved communities with a reliable supply of water to improve health and environmental conditions. It will improve public safety and ISO ratings, providing water of a sufficient volume and pressure to support fire suppression. Lower ISO ratings for water supply in fire protection contributed to significant annual insurance premium savings for residents. This underdeveloped, impoverished area has decreased life expectancies and increased health disparities, including elevated cancer incidence ratios, among its residents due to the frequent use of groundwater containing uranium. Improvement to Transportation and Economy The water supply system supports regional economic development and job growth in one of our country's most economically disadvantaged areas. It is an integral part of a regional, strategic improvement effort along the I-95 Corridor area of SC. LMRWA will provide Volvo Cars' first American factory and its suppliers with critical access to water from Lakes Marion and Moultrie. In 2018, Volvo Cars USA will provide the region with an estimated 4,000 jobs and contribute approximately \$4.8 billion in total economic output on an annual basis, according to an analysis compiled by Dr. Frank Hefner (College of Charleston). The southeastern US is one the fastest growing regions of the country and is addressing development, including growth related to the Port of Charleston, dual rail service by CSX and Norfolk Southern, and neo-Panamax shipping opportunities impacting the entire United States. Environment and National Security Interests of the US LMRWA is addressing the need to supply water; improve health, environmental and safety conditions; stabilize water rates; and enhance economic development/job creation opportunities. These efforts ensure that our nation is prepared to address issues of national concern.

**7. Does local support exist? If ‘Yes’, describe the local support for the proposal.**

Yes

### **Local Support Description**

The request for the modification of this significant regional project has been made possible by strong collaboration, support and cooperation among numerous public and private stakeholders: S.C. Ports Authority, U.S. Army Corps of Engineers, Santee Cooper, South Carolina Rural Infrastructure Authority, S.C. Department of Commerce, County government, Municipal government and non-government entities, business, industry and many concerned groups and individual citizens. Local letters of support include the following: Governor Nikki R. Haley; South Carolina Ports Authority; South Carolina Department of Commerce; Dorchester County Legislative Delegation (Representative Christopher J. Murphy, Chairman); Senator John W. Matthews; Senator Sean Bennett; Senator Brad Hutto; Representative Jenny A. Horne; Representative Russell Ott; Representative Patsy G. Knight; Berkeley County; Calhoun County Development Commission; Orangeburg County Development Commission; Dorchester Economic Development Board; Berkeley Chamber of Commerce; Orangeburg County Chamber of Commerce; The Greater Summerville/Dorchester County Chamber of Commerce; Tri-County Regional Chamber of Commerce; Lower Savannah Council of Governments; Berkeley-Charleston-Dorchester Council of Governments; Central SC; Charleston Regional Development Alliance; Medical University of South Carolina; Volvo Car Corporation; The Boeing Company; Nucor Corporation; Santee Cooper; The Electric Cooperatives of South Carolina, Inc.; Edisto Electric Cooperative, Inc.; Tri-County Electric Cooperative; Dorchester County Fire Rescue; Fort Motte Volunteer Fire Department; Orangeburg County Fire District; MeadWestvaco Corporation; Comact USA; Holcim(US) Inc.; Trident Technical College; Orangeburg/Calhoun Technical College; The Honorable David Wilkins, Former Speaker S.C. House of Representatives and Former U.S. Ambassador to Canada and The Honorable Richard W. Riley, Former Governor of South Carolina and Former U.S. Secretary of Education.

**8. Does the primary sponsor named in (2.) above have the financial ability to provide for the required cost share?**

Yes

# Primary Sponsor Letter of Support

(As uploaded)

**LMRWA Support Ltr from Chairman Wright - Sept '16.pdf**

# Lake Marion Regional Water Agency



P.O.Box 2946101 M/C A204 ♦ Moncks Corner, S.C. 29461

September 1, 2016

The Honorable Jo-Ellen Darcy  
Assistant Secretary of the Army  
Department of the Army, Civil Works  
108 Army Pentagon  
Washington, DC 20310

Dear Assistant Secretary Darcy:

I write to request a Modification for the LAKES MARION AND MOULTRIE, SC (Lake Marion Regional Water System Project) for inclusion in the U.S. Army Corps of Engineers (USACE) Annual Report to Congress.

Lakes Marion and Moultrie, SC, (The Lake Marion Regional Water Agency - LMRWA) was authorized in the Water Resources Development Act of 1999 under section 219 of WRDA '92 for wastewater treatment, water treatment, water supply, and water distribution systems in a multi-county, economically-disadvantaged area of South Carolina. It is an integral and key part of a large, regional and strategic infrastructure improvement effort in South Carolina designed to improve significantly the human and environmental conditions in the region and enhance the local, state and national economies through efficient transport and distribution of goods throughout the U.S. This regional project – and its Federal funding – have been made possible by the strong collaboration and cooperation of numerous public and private stakeholders – the U. S. Army Corps of Engineers, Santee Cooper, government and non-government entities, business and industry and many other concerned groups and individual citizens.

Under the current authorization, LMRWA is enhancing the quality of life in a large portion of this decades-long underserved region by providing safe and reliable drinking water; improving other health, environmental and public safety conditions including support for fire suppression; stabilizing water rates; leveraging public and private partnerships; and improving infrastructure to support economic development and job creation. Furthermore, LMRWA will provide Volvo Cars' first American factory and its suppliers with critical access to water from Lakes Marion and Moultrie. In 2018, Volvo Cars USA will provide the region with an estimated 4,000 jobs and contribute approximately \$4.8 billion in total economic output on an annual basis. Additionally, a comprehensive study was undertaken in 2008 in partnership with the U. S. Economic Development Administration to evaluate numerous intersections along I-26 and I-95 for infrastructure capacity to support job creation. It was determined that this area, in spite of its close proximity to the Port of Charleston, is likely the most under-developed junction of primary interstate highway in the Eastern United States. Therefore completing this project is critical to the further development of the state and regional economies.

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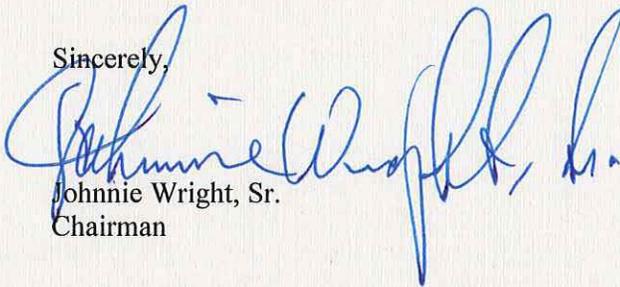
*More Than A Water Project*

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The Proposal for Modification brings the LMRWA multi-county water treatment and distribution system project to its fully-intended phasing. This is essential for the health and safety of the region and its citizens, as well as for the stability and future growth of the I-26/I-95 Corridor and the entire State of South Carolina. Infrastructure developments are underway at the Port of Charleston to prepare our state and nation for neo-Panamax shipping opportunities, and this LMRWA Project complements that effort.

Thank you for your consideration and support of this critically-needed Modification to bring the LMRWA Project towards completion.

Sincerely,

A handwritten signature in blue ink, appearing to read "Johnnie Wright, Sr.", written in a cursive style.

Johnnie Wright, Sr.  
Chairman

# Additional Proposal Information

(This is as uploaded, a blank page will show if nothing was submitted)

**Fact Sheet Lakes Marion and Moultrie SC 13 Aug 15.pdf**

WRDA 2010 FACT SHEET

**SUBJECT:** Lakes Marion and Moultrie, SC

**LOCATION:** City: N/A County: Calhoun, Clarendon, Dorchester, Orangeburg, & Sumter  
State: South Carolina

**DESCRIPTION:** Section 219 Environmental Infrastructure Assistance Program. To construct a Regional Water System.

**BENEFITS/IMPACTS:** To provide safe and reliable potable water and wastewater services throughout a rural region of South Carolina. Past studies raised concerns about water quality in the regional area, and its impact on human health. A regional water system is important for future growth and employment as well as serving the needs and protecting the health of residents. To date, an 8 MGD water treatment facility, 35 miles of potable water line, and 12 miles of wastewater line have been constructed. Of particular note, a prominent automotive company recently announced plans to build a large assembly plant which will utilize water from this project.

**STUDIES:** Conducted by private engineering consultants hired by the South Carolina Public Service Utility (Santee-Cooper).

**BACKGROUND:** Corps responsibilities include: preparation of environmental documents, real estate certification, design review, value engineering studies, construction contract procurement, administration, and contract and construction oversight.

**ISSUES:** Funding. Estimated costs to construct the project total \$148M, of which 75% or \$111M is Federal. Current Congressional authorization for the project is \$60M. Current federal allocations for the project total \$55.3M. Current federal expenditures for the project total \$53.3M. Current federal funds on hand for the project total \$2M. If the Congressional authorization were raised to \$111M, the project could be completed if the balance of federal funds were then subsequently allocated.

**PREVIOUS CONGRESSIONAL ACTION:** See attached history of Authorizations and Allocations.

**ESTIMATED COST:** \$148M

Federal: \$111M Non-Federal: \$37M Total: \$148M

Source/Age of Cost Information: Project Letter Report/2012

**LOCAL INTEREST OR OPPOSITION:** Very high interest. No opposition.

**CONGRESSIONAL INTEREST:** US Rep. James Clyburn, SC-6.

# Additional Proposal Information

(This is as uploaded, a blank page will show if nothing was submitted)

## Letters of Local Support.pdf



## State of South Carolina Office of the Governor

NIKKI R. HALLEY  
GOVERNOR

1205 PENDLETON STREET  
COLUMBIA 29201

November 25, 2014

The Honorable Jo-Ellen Darcy  
Assistant Secretary of the Army  
Department of the Army, Civil Works  
108 Army Pentagon  
Washington, D.C. 20310

Dear Ms. Darcy,

I write to endorse the Proposal for Modification of the Lakes Marion and Moultrie, SC Project (Lake Marion Regional Water Authority, LMRWA) for inclusion in the U.S. Army Corps of Engineers (USACE) Annual Report to Congress.

The LMRWA was authorized in the Water Resources Development Act of 1992 to improve water quality systems in a multi-county, economically-disadvantaged area of South Carolina. It is an integral component of the region's strategic infrastructure improvement effort designed to significantly improve regional quality of life, preserve local aquaculture, and stabilize infrastructure necessary for community and economic development. This regional project has been made possible by a strong collaboration of numerous stakeholders, including the Army Corps of Engineers, Santee Cooper, local governments, and area businesses. If approved, this proposal will provide water transmission lines in Calhoun, Dorchester, and Orangeburg Counties to help ensure reliable and sustainable potable water in this region of South Carolina.

Thank you for your consideration and support of this critically-needed Modification to bring the LMRWA Project towards completion. Should you have any questions, please contact Clark Packard in my office at [clarkpackard@gov.sc.gov](mailto:clarkpackard@gov.sc.gov). God bless.

My very best,

  
Nikki R. Haley

NRH/cp

James I. Newsome, III  
*President and Chief Executive Officer*



**SOUTH  
CAROLINA  
PORTS**

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November 3, 2014

The Honorable Jo-Ellen Darcy  
Assistant Secretary of the Army  
Department of the Army, Civil Works  
108 Army Pentagon  
Washington, DC 20310

176 Concord Street  
P.O. Box 22287  
Charleston, SC 29413 USA  
(843) 577-8608

[scspa.com](http://scspa.com)

Dear Assistant Secretary Darcy:

I write to endorse the Proposal for Modification of the LAKES MARION AND MOULTRIE, SC PROJECT (Lake Marion Regional Water Authority, LMWRA) for inclusion in the U.S. Army Corps of Engineers (USACE) Annual Report to Congress.

The LMRWA was authorized in the Water Resources Development Act of 1992 for wastewater treatment, water treatment, water supply, and water distribution systems in a multi-county, economically-disadvantaged area of South Carolina. It is an integral and key part of a large, regional and strategic infrastructure improvement effort in South Carolina designed to improve significantly the human and environmental conditions in the region and enhance the local, state and national economies through efficient transport and distribution of goods throughout the U.S. This regional project – and its Federal funding – have been made possible by the strong collaboration and cooperation of numerous public and private stakeholders – the U. S. Army Corps of Engineers, Santee Cooper, government and non-government entities, business and industry and many other concerned groups and individual citizens.

To the extent of the current authorization, LMRWA is enhancing the quality of life in a good portion of this decades-long underserved region by providing safe and reliable drinking water; improving other health, environmental and safety conditions; stabilizing water rates; leveraging public and private partnerships; and improving infrastructure to support economic development and job creation. However, the project is not complete. There still exist many more disadvantaged communities in the region that lack a clean, reliable, sustainable source of water of sufficient volume and pressure to promote good health, protect our environment, support fire suppression and other public safety services, as well as foster economic growth. Furthermore, a comprehensive study was undertaken in 2008 in partnership with the U. S. Economic Development Administration to evaluate numerous intersections along I-26 and I-95 for infrastructure capacity to support job creation. It was determined that this area, despite its close proximity to the Port of Charleston, is likely the most under-developed junction of primary interstate highway in the Eastern United States.



The Proposal for Modification is to bring the LMRWA multi-county water treatment and distribution system project to its fully-intended phasing. This is essential for the health and safety of the region and its citizens, as well as for the stability and future growth of the I-26/I-95 Corridor and the entire State of South Carolina. Infrastructure developments are underway at the Port of Charleston to prepare our state and nation for neo-Panamax shipping opportunities, and this LMRWA Project is complementary to that effort.

Thank you for your consideration and support of this critically-needed Modification to bring the LMRWA Project towards completion.

Sincerely,

A handwritten signature in blue ink, appearing to read "Jim Newsome".

Jim Newsome

Nikki R. Haley  
Governor

**SOUTH CAROLINA**  
DEPARTMENT OF COMMERCE

Robert M. Hitt III  
Secretary

November 14, 2014

The Honorable Jo-Ellen Darcy  
Assistant Secretary of the Army  
Department of the Army, Civil Works  
108 Army Pentagon  
Washington, DC 20310

Dear Assistant Secretary Darcy:

I write to endorse the Proposal for Modification of the LAKES MARION AND MOULTRIE, SC PROJECT (Lake Marion Regional Water Authority, LMWRA) for inclusion in the U.S. Army Corps of Engineers (USACE) Annual Report to Congress.

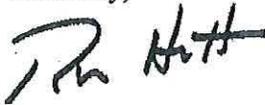
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The Proposal for Modification is to bring the LMRWA multi-county water treatment and distribution system project to its fully-intended phasing. This is essential for the health and safety of the region and its citizens, as well as for the stability and future growth of the I-26/I-95 Corridor and the entire State of South Carolina. Infrastructure developments are underway at the Port of Charleston to prepare our state and nation for post-Panamax shipping opportunities, and this LMRWA Project is complementary to that effort.

Thank you for your consideration and support of this critically-needed Modification to bring the LMRWA Project towards completion.

Sincerely,

A handwritten signature in black ink, appearing to read "R. Hitt", written in a cursive style.

Robert M. Hitt III

RMH/vw

# DORCHESTER COUNTY LEGISLATIVE DELEGATION

November 25, 2014



**Rep. Robert W. Harrell, Jr.**  
Speaker of the House  
District 114  
(803) 734-3125

**Rep. Jenny Horne**  
District 94  
(803) 212-6871

**Rep. Joseph H. Jefferson**  
District 102  
(803) 734-2936

**Rep. Patsy G. Knight**  
District 97  
(803) 734-2960

**Rep. Christopher J. Murphy**  
District 98  
(843) 832-1120

**Rep. David J. Mack, III**  
District 109  
(803) 734-3125

**Rep. J. Seth Whipper**  
District 113  
(803) 734-3191



**Senator Sean Bennett**  
District 38  
(803) 212-6116

**Senator Paul G. Campbell, Jr.**  
District 44  
(803) 212-6016

**Senator Robert Ford**  
District 42  
(803) 212-6124

**Senator John W. Matthews, Jr.**  
District 39  
(803) 212-6056

**Senator Paul Thurmond**  
District 41  
(803) 212-6172

The Honorable Jo-Ellen Darcy  
Assistant Secretary of the Army  
Department of the Army, Civil Works  
108 Army Pentagon  
Washington, DC 20310

Dear Assistant Secretary Darcy:

As Chairman and on behalf of the Dorchester County Legislative Delegation, I am writing to endorse the Proposal for Modification of the LAKES MARION AND MOULTRIE, SC PROJECT (Lake Marion Regional Water Authority, LMWRA) for inclusion in the U.S. Army Corps of Engineers (USACE) Annual Report to Congress.

The LMRWA was authorized in the Water Resources Development Act of 1992 for wastewater treatment, water treatment, water supply, and water distribution systems in a multi-county, economically-disadvantaged area of South Carolina. It is an integral and key part of a large, regional and strategic infrastructure improvement effort in South Carolina designed to improve significantly the human and environmental conditions in the region and enhance the local, state and national economies through efficient transport and distribution of goods throughout the U.S. This regional project – and its Federal funding – have been made possible by the strong collaboration and cooperation of numerous public and private stakeholders – the U. S. Army Corps of Engineers, Santee Cooper, government and non-government entities, business and industry and many other concerned groups and individual citizens.

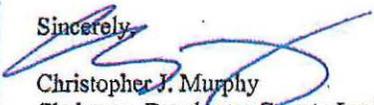
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Furthermore, a comprehensive study was undertaken in 2008 in partnership with the U. S. Economic Development Administration to evaluate numerous intersections along I-26 and I-95 for infrastructure capacity to support job creation. It was determined that this area, despite its close proximity to the Port of Charleston, is likely the most under-developed junction of primary interstate highway in the Eastern United States.

The Proposal for Modification is to bring the LMRWA multi-county water treatment and distribution system project to its fully-intended phasing. This is essential for the health and safety of the region and its citizens, as well as for the stability and future growth of the I-26/I-95 Corridor and the entire State of South Carolina. Infrastructure developments are underway at the Port of Charleston to prepare our state and nation for post-Panamax shipping opportunities, and this LMRWA Project is complementary to that effort.

Thank you for your consideration and support of this critically-needed Modification to bring the LMRWA Project towards completion.

Sincerely,

  
Christopher J. Murphy  
Chairman, Dorchester County Legislative Delegation  
South Carolina House of Representatives  
District 98

JOHN W. MATTHEWS  
SENATOR, ORANGEBURG, BERKELEY, CALHOUN,  
COLLETON, AND DORCHESTER COUNTIES  
SENATORIAL DISTRICT NO. 39

HOME ADDRESS:  
BOX 460  
BOWMAN, SC 29018  
(803) 829-2383  
(803)829-2423



COMMITTEES:  
AGRICULTURE AND NATURAL RESOURCES  
BANKING AND INSURANCE  
EDUCATION  
ETHICS AND INVITATIONS  
FINANCE  
INTERSTATE COOPERATION

SENATE ADDRESS:  
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GRESSETTE SENATE OFFICE BUILDING  
P. O. BOX 142  
COLUMBIA, SC 29202  
(803) 212-6056  
FAX: (803) 212-6299  
EMAIL: JOHNMATTHEWS@SCSENATE.GOV  
FACEBOOK.COM/SENATORJOHNMATTHEWS

November 5, 2014

The Honorable Jo-Ellen Darcy  
Assistant Secretary of the Army  
Department of the Army, Civil Works  
108 Army Pentagon  
Washington, DC 20310

Dear Assistant Secretary Darcy:

I am pleased to offer this letter of endorsement for the Proposal for Modification of the Lakes Marion and Moultrie, South Carolina Project (Lake Marion Regional Water Authority, LMWRA) for inclusion in the U.S. Army Corps of Engineers (USACE) Annual Report to Congress.

The LMRWA was authorized in the Water Resources Development Act of 1992 for wastewater treatment, water treatment, water supply, and water distribution systems in a multi-county, economically-disadvantaged area of South Carolina. It is an integral and key part of a large, regional and strategic infrastructure improvement effort in South Carolina designed to improve significantly the human and environmental conditions in the region and enhance the local, state and national economies through efficient transport and distribution of goods throughout the U.S. This regional project – and its Federal funding – have been made possible by the strong collaboration and cooperation of numerous public and private stakeholders – the U. S. Army Corps of Engineers, Santee Cooper, government and non-government entities, business and industry and many other concerned groups and individual citizens.

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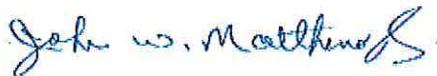
The Honorable Jo- Ellen Darcy  
November 5, 2014  
Page Two

Furthermore, a comprehensive study was undertaken in 2008 in partnership with the U. S. Economic Development Administration to evaluate numerous intersections along I-26 and I-95 for infrastructure capacity to support job creation. It was determined that this area, despite its close proximity to the Port of Charleston, is likely the most under-developed junction of primary interstate highway in the Eastern United States.

The Proposal for Modification is to bring the LMRWA multi-county water treatment and distribution system project to its fully-intended phasing. This is essential for the health and safety of the region and its citizens, as well as for the stability and future growth of the I-26/I-95 Corridor and the entire State of South Carolina. Infrastructure developments are underway at the Port of Charleston to prepare our state and nation for post-Panamax shipping opportunities, and this LMRWA Project is complementary to that effort.

Thank you for your consideration and support of this critically-needed Modification to bring the LMRWA Project towards completion. If you have any questions or need additional information, please do not hesitate to contact me.

Sincerely,

A handwritten signature in blue ink that reads "John W. Matthews, Jr." with a stylized flourish at the end.

John W. Matthews, Jr.

JWMjr/dj

**SEAN BENNETT**

SENATOR, DORCHESTER, BERKELEY AND  
CHARLESTON COUNTIES  
SENATORIAL DISTRICT NO. 38

**SENATE ADDRESS**

P.O. BOX 142  
601 GRESSETTE SENATE OFFICE BUILDING  
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(803) 212-6116  
FAX: (803) 212-6299  
EMAIL: SEANBENNETT@SCSENATE.GOV



**COMMITTEES:**

JUDICIARY  
BANKING AND INSURANCE  
TRANSPORTATION  
LABOR, COMMERCE AND INDUSTRY  
FISH, GAME AND FORESTRY

**IN DISTRICT ADDRESS:**

121 SOUTH CEDAR ST.  
SUMMERVILLE, SC 29483

November 20, 2014

The Honorable Jo-Ellen Darcy  
Assistant Secretary of the Army  
Department of the Army, Civil Works  
108 Army Pentagon  
Washington, DC 20310

Dear Assistant Secretary Darcy:

I write to endorse the Proposal for Modification of the LAKES MARION AND MOULTRIE, SC PROJECT (Lake Marion Regional Water Authority, LMWRA) for inclusion in the U.S. Army Corps of Engineers (USACE) Annual Report to Congress.

The LMRWA was authorized in the Water Resources Development Act of 1992 for wastewater treatment, water treatment, water supply, and water distribution systems in a multi-county, economically-disadvantaged area of South Carolina. It is an integral and key part of a large, regional and strategic infrastructure improvement effort in South Carolina designed to improve significantly the human and environmental conditions in the region and enhance the local, state and national economies through efficient transport and distribution of goods throughout the U.S. This regional project – and its Federal funding – have been made possible by the strong collaboration and cooperation of numerous public and private stakeholders – the U. S. Army Corps of Engineers, Santee Cooper, government and non-government entities, business and industry and many other concerned groups and individual citizens.

To the extent of the current authorization, LMRWA is enhancing the quality of life in a good portion of this decades-long underserved region by providing safe and reliable drinking water; improving other health, environmental and safety conditions; stabilizing water rates; leveraging public and private partnerships; and improving infrastructure to support economic development and job creation. However, the project is not complete. There still exist many more disadvantaged communities in the region that lack a clean, reliable, sustainable source of water of sufficient volume and pressure to promote good health, protect our environment, support fire suppression and other public safety services, as well as foster economic growth. Furthermore, a comprehensive study was undertaken in 2008 in partnership with the U. S. Economic Development Administration to evaluate numerous intersections along I-26 and I-95 for infrastructure capacity to support job creation. It was determined that this area, despite its close proximity to the Port of Charleston, is likely the most under-developed junction of primary interstate highway in the Eastern United States.

SEAN BENNETT

SENATOR, DORCHESTER, BERKELEY AND  
CHARLESTON COUNTIES  
SENATORIAL DISTRICT NO. 38

SENATE ADDRESS

P.O. BOX 142  
601 GRESSETTE SENATE OFFICE BUILDING  
COLUMBIA, SC 29202  
(803) 212-6116  
FAX: (803) 212-6299  
EMAIL: SEANBENNETT@SCSENATE.GOV



COMMITTEES:

JUDICIARY  
BANKING AND INSURANCE  
TRANSPORTATION  
LABOR, COMMERCE AND INDUSTRY  
FISH, GAME AND FORESTRY

IN DISTRICT ADDRESS:

121 SOUTH CEDAR ST.  
SUMMERVILLE, SC 29483

The Proposal for Modification is to bring the LMRWA multi-county water treatment and distribution system project to its fully-intended phasing. This is essential for the health and safety of the region and its citizens, as well as for the stability and future growth of the I-26/I-95 Corridor and the entire State of South Carolina. Infrastructure developments are underway at the Port of Charleston to prepare our state and nation for post-Panamax shipping opportunities, and this LMRWA Project is complementary to that effort.

Thank you for your consideration and support of this critically-needed Modification to bring the LMRWA Project towards completion.

Sincerely,

A handwritten signature in black ink, appearing to read "Sean M. Bennett".

Senator Sean M. Bennett  
Senate District #38

BRAD HUTTO  
SENATORIAL DISTRICT NO. 40  
ORANGEBURG, BARNWELL, BAMBERG  
AND ALLENDALE COUNTIES

HOME ADDRESS:  
P. O. BOX 1084  
ORANGEBURG, SC 29116  
(803) 534-5218



COMMITTEES:  
AGRICULTURE AND NATURAL RESOURCES  
FISH, GAME AND FORESTRY  
JUDICIARY  
MEDICAL AFFAIRS  
RULES

SENATE ADDRESS:  
SUITE 570 GRESSETTE BUILDING  
P.O. BOX 142  
COLUMBIA, SC 29202  
PHONE: (803) 212-6140  
FAX: (803) 212-6299  
EMAIL: CBH@SCSENATE.ORG

October 15, 2014

The Honorable Jo-Ellen Darcy  
Assistant Secretary of the Army  
Department of the Army, Civil Works  
108 Army Pentagon  
Washington, DC 20310

Dear Assistant Secretary Darcy:

I write to endorse the Proposal for Modification of the LAKES MARION AND MOULTRIE, SC PROJECT (Lake Marion Regional Water Authority, LMWRA) for inclusion in the U.S. Army Corps of Engineers (USACE) Annual Report to Congress.

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Thank you for your consideration and support of this critically-needed Modification to bring the LMRWA Project towards completion.

Sincerely,

A handwritten signature in blue ink that reads "Brad Hutto". The signature is stylized and written in a cursive-like font.

Brad Hutto

**Jenny A. Horne**  
District No. 94 – Charleston-  
Dorchester Counties  
102 Perry Lane  
Summerville, SC 29483

**Committees:**

Ethics  
Judiciary



308-D Blatt Building  
Columbia, SC 29201

Tel. (803) 212-6871  
Bus. (803) 873-1721

**House of  
Representatives**  
State of South Carolina

October 15, 2014

The Honorable Jo-Ellen Darcy  
Assistant Secretary of the Army  
Department of the Army, Civil Works  
108 Army Pentagon  
Washington, DC 20310

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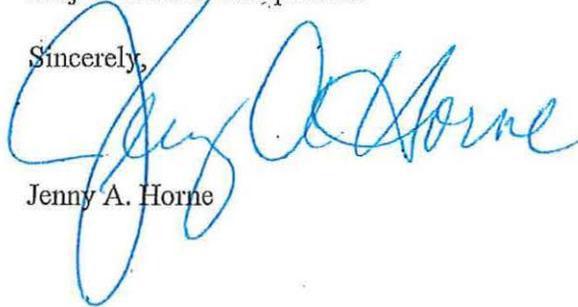
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Thank you for your consideration and support of this critically-needed Modification to bring the LMRWA Project towards completion.

Sincerely,



Jenny A. Horne

**Russell L. Ott**  
District No. 93 - *Calhoun*, Lexington  
& Orangeburg Counties  
135 Ott Farm Trail  
St. Matthews, SC 29135

**Committee:**  
Medical, Military,  
Public and Municipal Affairs



530-A Blatt Building  
Columbia, SC 29201

Tel. (803) 212-6945

## House of Representatives

State of South Carolina

November 25, 2014

The Honorable Jo-Ellen Darcy  
Assistant Secretary of the Army  
Department of the Army, Civil Works  
108 Army Pentagon  
Washington, DC 20310

Dear Assistant Secretary Darcy:

I write to endorse the Proposal for Modification of the LAKES MARION AND MOULTRIE, SC PROJECT (Lake Marion Regional Water Authority, LMWRA) for inclusion in the U.S. Army Corps of Engineers (USACE) Annual Report to Congress.

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November 25, 2014

Page Two

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Thank you for your consideration and support of this critically-needed Modification to bring the LMRWA Project towards completion.

Sincerely,

A handwritten signature in black ink, appearing to read "Russell Ott", with a long horizontal flourish extending to the right.

Russell Ott

RO/jhm/November/25/14/2,3



# House of Representatives

State of South Carolina

Patsy G. Knight

**ST. GEORGE**

District No. 97  
Colleton & Dorchester Counties  
P. O. Box 663  
St. George, SC 29477

Fax (843) 563-4701  
Cell (843) 560-2200  
Email: [pknight\\_scdist97@bellsouth.net](mailto:pknight_scdist97@bellsouth.net)

**COLUMBIA**

P. O. Box 11867  
306-B Blatt Building  
Columbia, SC 29211

Tel. (803) 734-2960  
Fax (803) 734-2925

November 25, 2014

**Committees:**

Agriculture, Natural Resources  
and Environmental Affairs  
Operations and Management

The Honorable Jo-Ellen Darcy  
Assistant Secretary of the Army  
Department of the Army, Civil Works  
108 Army Pentagon  
Washington, DC 20310

Dear Assistant Secretary Darcy:

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November 25, 2014

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Thank you for your consideration and support of this critically-needed Modification to bring the LMRWA Project towards completion.

Sincerely,



Patsy G. Knight

PK/vhr/2014nov25-3,4



**BERKELEY COUNTY**  
SUPERVISOR'S OFFICE

**William W. Peagler, III**  
SUPERVISOR

July 31, 2015

The Honorable Jo-Ellen Darcy  
Assistant Secretary of the Army  
Department of the Army, Civil Works  
108 Army Pentagon  
Washington, DC 20310

Dear Assistant Secretary Darcy

I write to endorse the Proposal for Modification of the LAKES MARION AND MOULTRIE, SC PROJECT (Lake Marion Regional Water Authority, LMRWA) for inclusion in the U.S. Army Corps of Engineers (USACE) Annual Report to Congress.

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Thank you for your consideration and support of this critically-needed Modification to bring the LMRWA Project towards completion.

Sincerely,

A handwritten signature in black ink, appearing to read 'William W. Peagler, III', written in a cursive style.

William W. Peagler, III  
Berkeley County Supervisor

# Calhoun County Development Commission

---

courthouse Annex, Room 114  
 111 N. Matthews, South Carolina 29135  
 (803) 655-5650

November 24, 2014

The Honorable Jo-Ellen Darcy  
 Assistant Secretary of the Army  
 Department of the Army, Civil Works  
 108 Army Pentagon  
 Washington, DC 20310

Dear Assistant Secretary Darcy:

I write to endorse the Proposal for Modification of the LAKES MARION AND MOULTRIE, SC PROJECT (Lake Marion Regional Water Authority, LMWRA) for inclusion in the U.S. Army Corps of Engineers (USACE) Annual Report to Congress.

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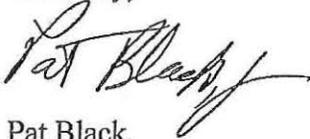
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Thank you for your consideration and support of this critically-needed Modification to bring the LMRWA Project towards completion.

Sincerely,

A handwritten signature in black ink that reads "Pat Black". The signature is written in a cursive, flowing style.

Pat Black,  
Chairman



Kenneth E. Middleton, Chairman  
Terry W. Cook, Vice Chairman  
Gail R. Fogle, Secretary/Treasurer  
George R. Dean, Executive Committee  
John A. Cunningham  
The Honorable William R. Johnson  
Robert, F. McCurry, Jr.  
Hazel L. Middleton, Sr.  
Reverend Harry V. Nesmith  
Kenneth S. Ott  
James W. Roquemore  
Dr. Walt A. Tobin  
M. Craig Williams  
Joey A. Williamson

November 24, 2014

C. Gregory Robinson, Executive Director

The Honorable Jo-Ellen Darcy  
Assistant Secretary of the Army  
Department of the Army, Civil Works  
108 Army Pentagon  
Washington, DC 20310

Dear Assistant Secretary Darcy:

The purpose of my letter today is to write to endorse the Proposal for Modification of the LAKES MARION AND MOULTRIE, SC PROJECT (Lake Marion Regional Water Authority, LMWRA) for inclusion in the U.S. Army Corps of Engineers (USACE) Annual Report to Congress.

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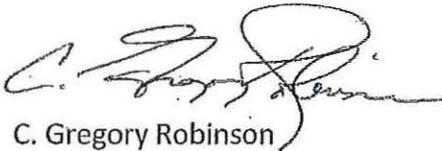
125 Regional Parkway, Suite 100 • Orangeburg, SC 29118  
voice: 803.536.3333 • fax: 803.534.1165  
toll free: 1.888.761.OCDC (6232)  
[www.ocdc.com](http://www.ocdc.com)

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Thank you for your consideration and support of this critically-needed Modification to bring the LMRWA Project towards completion.

Sincerely I am,



C. Gregory Robinson  
Executive Director

CGR/tb



**DORCHESTER COUNTY**  
ECONOMIC DEVELOPMENT

November 24, 2014

The Honorable Jo-Ellen Darcy  
Assistant Secretary of the Army  
Department of the Army, Civil Works  
108 Army Pentagon  
Washington, DC 20310

Dear Assistant Secretary Darcy:

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**DORCHESTER COUNTY**  
**ECONOMIC DEVELOPMENT**

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Thank you for your consideration and support of this critically-needed Modification to bring the LMRWA Project towards completion.

Sincerely,



Linwood Ling, Chairman  
Dorchester County Economic Development Board



September 18, 2015

The Honorable Jo-Ellen Darcy  
Assistant Secretary of the Army  
Department of the Army, Civil Works  
108 Army Pentagon  
Washington, DC 20310

Dear Assistant Secretary Darcy:

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Sincerely,

*Elaine M. Morgan*

Elaine M. Morgan  
CEO

**ORANGEBURG COUNTY CHAMBER OF COMMERCE**  
OUTSTANDING COMMUNITIES GROWING TOGETHER

---



November 18, 2014

The Honorable Jo-Ellen Darcy  
Assistant Secretary of the Army  
Department of the Army, Civil Works  
108 Army Pentagon  
Washington, DC 20310

Dear Assistant Secretary Darcy:

I write to endorse the Proposal for Modification of the LAKES MARION AND MOULTRIE, SC PROJECT (Lake Marion Regional Water Authority, LMWRA) for inclusion in the U.S. Army Corps of Engineers (USACE) Annual Report to Congress.

The LMRWA was authorized in the Water Resources Development Act of 1992 for wastewater treatment, water treatment, water supply, and water distribution systems in a multi-county, economically-disadvantaged area of South Carolina. It is an integral and key part of a large, regional and strategic infrastructure improvement effort in South Carolina designed to improve significantly the human and environmental conditions in the region and enhance the local, state and national economies through efficient transport and distribution of goods throughout the U.S. This regional project – and its Federal funding – have been made possible by the strong collaboration and cooperation of numerous public and private stakeholders – the U. S. Army Corps of Engineers, Santee Cooper, government and non-government entities, business and industry and many other concerned groups and individual citizens.

To the extent of the current authorization, LMRWA is enhancing the quality of life in a good portion of this decades-long underserved region by providing safe and reliable drinking water; improving other health, environmental and safety conditions; stabilizing water rates; leveraging public and private partnerships; and improving infrastructure to support economic development and job creation. However, the project is not complete. There still exist many more

November 18, 2014

LAKES MARION AND MOULTRIE, SC PROJECT (Lake Marion Regional  
Water Authority, LMWRA)

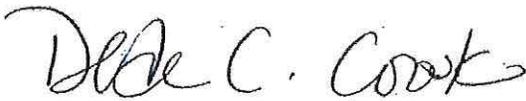
Page Two

disadvantaged communities in the region that lack a clean, reliable, sustainable source of water of sufficient volume and pressure to promote good health, protect our environment, support fire suppression and other public safety services, as well as foster economic growth. Furthermore, a comprehensive study was undertaken in 2008 in partnership with the U. S. Economic Development Administration to evaluate numerous intersections along I-26 and I-95 for infrastructure capacity to support job creation. It was determined that this area, despite its close proximity to the Port of Charleston, is likely the most under-developed junction of primary interstate highway in the Eastern United States.

The Proposal for Modification is to bring the LMRWA multi-county water treatment and distribution system project to its fully-intended phasing. This is essential for the health and safety of the region and its citizens, as well as for the stability and future growth of the I-26/I-95 Corridor and the entire State of South Carolina. Infrastructure developments are underway at the Port of Charleston to prepare our state and nation for post-Panama shipping opportunities, and this LMRWA Project is complementary to that effort.

Thank you for your consideration and support of this critically-needed Modification to bring the LMRWA Project towards completion.

Sincerely,



Dede C. Cook  
President

dcc/crd



*the Chamber*  
Greater Summerville / Dorchester County  
Chamber Of Commerce

November 14, 2014

The Honorable Jo-Ellen Darcy  
Assistant Secretary of the Army  
Department of the Army, Civil Works  
108 Army Pentagon  
Washington, DC 20310

Dear Assistant Secretary Darcy:

I write to endorse the Proposal for Modification of the LAKES MARION AND MOULTRIE, SC PROJECT (Lake Marion Regional Water Authority, LMWRA) for inclusion in the U.S. Army Corps of Engineers (USACE) Annual Report to Congress.

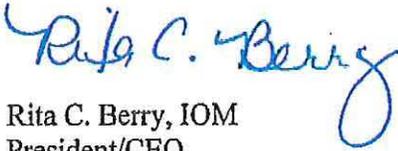
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To the extent of the current authorization, LMRWA is enhancing the quality of life in a good portion of this decades-long underserved region by providing safe and reliable drinking water; improving other health, environmental and safety conditions; stabilizing water rates; leveraging public and private partnerships; and improving infrastructure to support economic development and job creation. However, the project is not complete. There still exist many more disadvantaged communities in the region that lack a clean, reliable, sustainable source of water of sufficient volume and pressure to promote good health, protect our environment, support fire suppression and other public safety services, as well as foster economic growth. Furthermore, a comprehensive study was undertaken in 2008 in partnership with the U. S. Economic Development Administration to evaluate numerous intersections along I-26 and I-95 for infrastructure capacity to support job creation. It was determined that this area, despite its close proximity to the Port of Charleston, is likely the most under-developed junction of primary interstate highway in the Eastern United States.

The Proposal for Modification is to bring the LMRWA multi-county water treatment and distribution system project to its fully-intended phasing. This is essential for the health and safety of the region and its citizens, as well as for the stability and future growth of the I-26/I-95 Corridor and the entire State of South Carolina. Infrastructure developments are underway at the Port of Charleston to prepare our state and nation for post-Panamax shipping opportunities, and this LMRWA Project is complementary to that effort.

Thank you for your consideration and support of this critically-needed Modification to bring the LMRWA Project towards completion.

Sincerely,



Rita C. Berry, IOM  
President/CEO



# THE TRI-COUNTY REGIONAL CHAMBER OF COMMERCE

SERVING COMMUNITIES OF BERKELEY, DORCHESTER, AND ORANGEBURG COUNTIES

email: [tcrc@bellsouth.net](mailto:tcrc@bellsouth.net)

website: [www.tri-crcc.com](http://www.tri-crcc.com)

November 12, 2014

**President**  
Joe McFalls  
**President-elect**  
Vincent Martin  
**Vice President**  
Charlie Heyward  
**Treasurer**  
William M. Utsey  
**Immed. Past President**  
Chasty Sanders Avinger  
**Executive Director**  
Teresa M. Hatchell

**Board of Directors**

Darla Barnette  
Maureen Bell  
Ed Carter  
Carlton Connor  
Douglas Chapman  
Donnie Hilliard  
Jackie Jenkins  
Roy Judy  
Linwood Ling  
Charles Murray  
Mike Norris  
Mary Lynn Owen  
Frank Quattlebaum  
Larry Smith  
John Welch  
Julia (Kathy) Yawn

**Chamber Staff**

**Tourism Coordinators**  
Frances Fralix/St. George  
Helen Simmons/Holly Hill  
**Office Assistant**  
Faye Utsey/St. George

**Platinum**

Argos, USA  
Giant Cement Holding  
Holcim (US), Inc.  
Low Country Printers, Inc.

**Gold**

COMACT USA Inc.  
Santee Cooper  
Town of Holly Hill  
Town of Santee  
Town of St. George

**Silver**

First National Bank of SC  
MeadWestvaco  
SCANA Corporation/SCE&G  
South Carolina Bank & Trust  
The Regional Medical Center

**Bronze**

AgSouth Farm Credit, ACA  
Dixon Hughes Goodman  
Farmers & Merchants Bank  
First Citizens Bank  
Flying J Travel Plaza  
Hardee's  
Harleyville Builders Supply  
Orangeburg School Dist. III  
Southern Tank Transport  
Summerville Medical Center  
The Citizens Bank  
Trident Technical College  
Waste Management

The Honorable Jo-Ellen Darcy  
Assistant Secretary of the Army  
Department of the Army, Civil Works  
108 Army Pentagon  
Washington, DC 20310

Dear Assistant Secretary Darcy:

I am writing on behalf of the Tri-County Regional Chamber of Commerce Board of Directors and Members to endorse the Proposal for Modification of the LAKES MARION AND MOULTRIE, SC PROJECT (Lake Marion Regional Water Authority, LMRWA) for inclusion in the U.S. Army Corps of Engineers Annual Report to Congress.

The LMRWA was authorized in the Water Resources Development Act of 1992 for wastewater treatment, water treatment, water supply, and water distribution systems in a multi-county, economically-disadvantaged area of South Carolina. It is an integral and key part of a large, regional and strategic infrastructure improvement effort in South Carolina designed to significantly improve the human and environmental conditions in the region and enhance the local, state and national economies through efficient transport and distribution of goods throughout the U.S. This regional project — and its Federal funding — have been made possible by the strong collaboration and cooperation of numerous public and private stakeholders — the U.S. Army Corps of Engineers, Santee Cooper, government and non-government entities, business and industry and many other concerned groups.

Among the most concerned groups is the Tri-County Regional Chamber of Commerce, organized in 1992 to serve the exact same region of the state that the LMRWA is now serving a portion of and will, when completed, serve all of the Chamber's service area. The Chamber Board of Directors and Members fully support the LMRWA as it is vitally important to the improvement of our citizens' lives.

To the extent of the current authorization, the LMRWA is enhancing the quality of life in a good portion of this decades-long underserved region by providing safe and reliable drinking water; improving other health, environmental and safety conditions; stabilizing water rates; leveraging public and private partnerships; and improving infrastructure to support economic development and job creation. However, the project is not complete. There still exist many more disadvantaged communities in the region that lack a clean, reliable, sustainable source of water of sufficient volume and pressure to promote good health, protect our environment, support fire suppression and other public safety services, as well as foster economic growth. Furthermore, a comprehensive study was undertaken in 2008 in partnership with the U.S. Economic Development Administration to evaluate numerous intersections along I-26 and I-95 for infrastructure capacity to support job creation. It was determined that this area, despite its close proximity to the Port of Charleston, is likely the most under-developed junction of primary interstate highways in the Eastern United States.

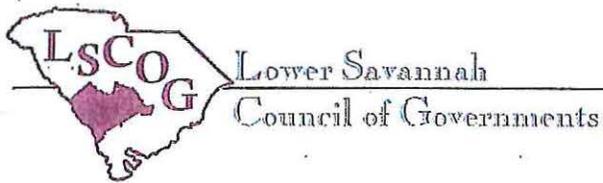
The Proposal for Modification is to bring the LMRWA multi-county water treatment and distribution system project to its fully-intended phasing. This is essential for the health and safety of the region and its citizens, as well as for the stability and future growth of the I-26/I-95 Corridor and the entire State of South Carolina. Infrastructure developments are underway at the Port of Charleston to prepare our state and nation for post-Panamax shipping opportunities, and this LMRWA Project is complementary to that effort. Thank you for your consideration and support of this critically-needed Modification to bring the LMRWA Project towards completion.

Sincerely,

Teresa M. Hatchell, Executive Director, Tri-County Regional Chamber of Commerce

**St. George Office:**  
843-563-8187  
**Holly Hill Office:**  
1-888-568-JOIN (5646)

225 Parler Avenue • St. George, SC 29477  
843-563-9091  
P.O. Box 1012 • 8603 Old State Road • Holly Hill, SC 29059  
803-496-3831



P.O. Box 850, Aiken, S.C. 29802  
Tel. (803) 649-7981 Fax (803) 649-2248  
<http://www.lscog.org>

November 18, 2014

The Honorable Jo-Ellen Darcy  
Assistant Secretary of the Army  
Department of the Army, Civil Works  
108 Army Pentagon  
Washington, DC 20310

Dear Assistant Secretary Darcy:

The Lower Savannah Council of Governments, a regional organization serving six counties, some of which are directly impacted by the Lake Marion Regional Water Authority (Authority), endorses the Proposal for Modification of the Lakes Marion and Moultrie, SC Project (Lake Marion Regional Water Authority, LMWRA) for inclusion in the U.S. Army Corps of Engineers (USACE) Annual Report to Congress. This regional project – and its Federal funding – have been made possible by the strong collaboration and cooperation of numerous public and private stakeholders, such as Lower Savannah, as well as the U. S. Army Corps of Engineers, Santee Cooper, government and non-government entities, business and industry and many other concerned groups and individual citizens.

Since the beginning of the Authority, Lower Savannah Council of Governments has been an active participant in the project. The outcomes of the project directly impact the economic and community development aspects of the area. The project is an integral and key part of a large, regional and strategic infrastructure improvement effort in South Carolina designed to significantly impact the human and environmental conditions in the region and enhance the local, state and national economies through efficient transport and distribution of goods throughout the U.S.

The LMRWA was authorized in the Water Resources Development Act of 1992 for wastewater treatment, water treatment, water supply, and water distribution systems in a multi-county, economically-disadvantaged area of South Carolina. To the extent of the current authorization, LMRWA is enhancing the quality of life in a good portion of this decades-long underserved region by providing safe and reliable drinking water; improving other health, environmental and safety conditions; stabilizing water rates; leveraging public and private partnerships; and improving infrastructure to support economic development and job creation.

However, the project is not complete. There still exist many more disadvantaged communities in the region that lack a clean, reliable, sustainable source of water of sufficient volume and pressure to promote good health, protect our environment, support fire suppression and other public safety services, as well as foster economic growth. Furthermore, a comprehensive study was undertaken in 2008 in partnership with the U. S. Economic Development Administration to evaluate numerous intersections along I-26 and I-95 for infrastructure capacity to support job

The Honorable Jo-Ellen Darcy  
November 18, 2014  
Page 2

creation. It was determined that this area, despite its close proximity to the Port of Charleston, is likely the most under-developed junction of primary interstate highway in the Eastern United States.

The Proposal for Modification is to bring the LMRWA multi-county water treatment and distribution system project to its fully-intended phasing. This is essential for the health and safety of the region and its citizens, as well as for the stability and future growth of the I-26/I-95 Corridor and the entire State of South Carolina. Infrastructure developments are underway at the Port of Charleston to prepare our state and nation for post-Panamax shipping opportunities, and this LMRWA Project is complementary to that effort.

Lower Savannah Council of Governments thanks you for your consideration and support of this critically-needed Modification to bring the LMRWA Project towards completion.

Sincerely,



Connie H. Shade  
Executive Director



# Berkeley-Charleston-Dorchester Council of Governments

**CHAIRMAN:**  
Daniel W. Davis •

**VICE CHAIRMAN:**  
Teddie Pryor •

**SECRETARY:**  
William Collins •

**TREASURER:**  
Caldwell Pinckney •

**EXECUTIVE DIRECTOR:**  
Ronald E. Mitchum

---

October 15, 2014

The Honorable Jo-Ellen Darcy  
Assistant Secretary of the Army  
Department of the Army, Civil Works  
108 Army Pentagon  
Washington, DC 20310

Dear Assistant Secretary Darcy:

I write to endorse the Proposal for Modification of the LAKES MARION AND MOULTRIE, SC PROJECT (Lake Marion Regional Water Authority, LMRWA) for inclusion in the U.S. Army Corps of Engineers (USACE) Annual Report to Congress.

The LMRWA was authorized in the Water Resources Development Act of 1992 for wastewater treatment, water treatment, water supply, and water distribution systems in a multi-county, economically-disadvantaged area of South Carolina. It is an integral and key part of a large, regional and strategic infrastructure improvement effort in South Carolina designed to improve significantly the human and environmental conditions in the region and enhance the local, state and national economies through efficient transport and distribution of goods throughout the U.S. This regional project – and its Federal funding – have been made possible by the strong collaboration and cooperation of numerous public and private stakeholders – the U. S. Army Corps of Engineers, Santee Cooper, government and non-government entities, business and industry and many other concerned groups and individual citizens.

To the extent of the current authorization, LMRWA is enhancing the quality of life in a good portion of this decades-long underserved region by providing safe and reliable drinking water; improving other health, environmental and safety conditions; stabilizing water rates; leveraging public and private partnerships; and improving infrastructure to support economic development and job creation. However, the project is not complete. There still exist many more disadvantaged communities in the region that lack a clean, reliable, sustainable source of water of sufficient volume and pressure to promote good health, protect our environment, support fire suppression and other public safety services, as well as foster economic growth. Furthermore, a comprehensive study was undertaken in 2008 in partnership with the U. S. Economic Development Administration to evaluate numerous intersections along I-26 and I-95 for infrastructure capacity to support job creation. It was determined that this area, despite its close proximity to the Port of Charleston, is likely the most under-developed junction of primary interstate highway in the Eastern United States.

The Proposal for Modification is to bring the LMRWA multi-county water treatment and distribution system project to its fully-intended phasing. This is essential for the health and safety of the region and its citizens, as well as for the stability and future growth of the I-26/I-95 Corridor and the entire State of South Carolina. Infrastructure developments are underway at the Port of Charleston to prepare our state and nation for post-Panamax shipping opportunities, and this LMRWA Project is complementary to that effort.

Thank you for your consideration and support of this critically-needed Modification to bring the LMRWA Project towards completion.

Sincerely,

A handwritten signature in blue ink, appearing to read "Ronald E. Mitchum", with a long horizontal flourish extending to the right.

Ronald E. Mitchum  
Executive Director



**A** 1201 Main Street Suite 100  
Columbia, SC 29201

**W** [centralsc.org](http://centralsc.org)

**P** (803) 733-1131

November 24, 2014

The Honorable Jo-Ellen Darcy  
Assistant Secretary of the Army  
Department of the Army, Civil Works  
108 Army Pentagon  
Washington, DC 20310

Dear Assistant Secretary Darcy:

I write to endorse the Proposal for Modification of the LAKES MARION AND MOULTRIE, SC PROJECT (Lake Marion Regional Water Authority, LMWRA) for inclusion in the U.S. Army Corps of Engineers (USACE) Annual Report to Congress.

The LMRWA was authorized in the Water Resources Development Act of 1992 for wastewater treatment, water treatment, water supply, and water distribution systems in a multi-county, economically-disadvantaged area of South Carolina. It is an integral and key part of a large, regional and strategic infrastructure improvement effort in South Carolina designed to improve significantly the human and environmental conditions in the region and enhance the local, state and national economies through efficient transport and distribution of goods throughout the U.S. This regional project – and its Federal funding – have been made possible by the strong collaboration and cooperation of numerous public and private stakeholders – the U. S. Army Corps of Engineers, Santee Cooper, government and non-government entities, business and industry and many other concerned groups and individual citizens.

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The Proposal for Modification is to bring the LMRWA multi-county water treatment and distribution system project to its fully-intended phasing. This is essential for the health and safety of the region and its citizens, as well as for the stability and future growth of the I-26/I-95 Corridor and the entire State of South Carolina. Infrastructure developments are underway at the Port of Charleston to prepare our state and nation for post-Panamax shipping opportunities, and this LMRWA Project is complementary to that effort.

Thank you for your consideration and support of this critically-needed Modification to bring the LMRWA Project towards completion.

Sincerely,

G. Michael Briggs  
President and CEO



November 24, 2014

The Honorable Jo-Ellen Darcy  
Assistant Secretary of the Army  
Department of the Army, Civil Works  
108 Army Pentagon  
Washington, DC 20310

Dear Assistant Secretary Darcy:

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To the extent of the current authorization, LMRWA is enhancing the quality of life in a good portion of this decades-long underserved region by providing safe and reliable drinking water; improving other health, environmental and safety conditions; stabilizing water rates; leveraging public and private partnerships; and improving infrastructure to support economic development and job creation. However, the project is not complete. There still exist many more disadvantaged communities in the region that lack a clean, reliable, sustainable source of water of sufficient volume and pressure to promote good health, protect our environment, support fire suppression and other public safety services, as well as foster economic growth. Furthermore, a comprehensive study was undertaken in 2008 in partnership with the U. S. Economic Development Administration to evaluate numerous intersections along I-26 and I-95 for infrastructure capacity to support job creation. It was determined that this area, despite its close proximity to the Port of Charleston, is likely the most under-developed junction of primary interstate highway in the Eastern United States.

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Thank you for your consideration and support of this critically-needed Modification to bring the LMRWA Project towards completion.

Sincerely,

A handwritten signature in blue ink that reads "David T. Ginn". The signature is written in a cursive, flowing style.

**David T. Ginn**  
President & CEO, Charleston Regional Development Alliance



Patrick J. Cawley, MD, MHM, FACHE  
Executive Director/CEO, Medical Center  
Vice President for Clinical Operations, University

Medical Center  
169 Ashley Avenue  
MSC 332  
Charleston SC 29425  
Tel 843 792 4000  
Fax 843 792 6682

November 24, 2014

The Honorable Jo-Ellen Darcy  
Assistant Secretary of the Army  
Department of the Army, Civil Works  
108 Army Pentagon  
Washington, DC 20310

Dear Assistant Secretary Darcy:

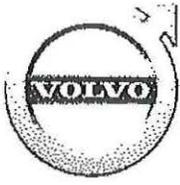
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To the extent of the current authorization, LMRWA is enhancing the quality of life in a good portion of this decades-long underserved region by providing safe and reliable drinking water; improving other health, environmental and safety conditions; stabilizing water rates; leveraging public and private partnerships; and improving infrastructure to support economic development and job creation.

This project is essential for the health and safety of the region and its citizens. Thank you for your consideration and support of this critically-needed Modification to bring the LMRWA Project towards completion.

Sincerely,

Patrick J. Cawley, M.D.  
Executive Director/CEO, Medical Center and  
Vice President for Clinical Operations, University



The Honorable Jo-Ellen Darcy  
Assistant Secretary of the Army  
Department of the Army, Civil Works  
108 Army Pentagon  
Washington, DC 20310

Date: 2015-09-16

Dear Assistant Secretary Darcy,

I write to endorse the Proposal for Modification of the LAKES MARION AND MOULTRIE, SC PROJECT (Lake Marion Regional Water Authority, LMWRA) for inclusion in the U.S. Army Corps of Engineers (USACE) Annual Report to Congress.

The LMRWA was authorized in the Water Resources Development Act of 1992 for wastewater treatment, water treatment, water supply, and water distribution systems in a multi-county, economically-disadvantaged area of South Carolina. It is an integral and key part of a large, regional and strategic infrastructure improvement effort in South Carolina designed to improve significantly the human and environmental conditions in the region and enhance the local, state and national economies through efficient transport and distribution of goods throughout the U.S. This regional project - and its Federal funding - have been made possible by the strong collaboration and cooperation of numerous public and private stakeholders - the U. S. Army Corps of Engineers, Santee Cooper, government and non-government entities, business and industry and many other concerned groups and individual citizens.

To the extent of the current authorization, LMRWA is enhancing the quality of life in a good portion of this decades-long underserved region by providing safe and reliable drinking water; improving other



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The Proposal for Modification is to bring the LMRWA multi-county water treatment and distribution system project to its fully-intended phasing. This is essential for the health and safety of the region and its citizens, as well as for the stability and future growth of the I-26/I-95 Corridor and the entire State of South Carolina. Infrastructure developments are underway at the Port of Charleston to prepare our state and nation for post-Panamax shipping opportunities, and this LMRWA Project is complementary to that effort.

Thank you for your consideration and support of this critically-needed Modification to bring the LMRWA Project towards completion.

Sincerely

Katarina Fjording  
Vice President  
Purchasing & Manufacturing Americas  
Volvo Car Corporation

A handwritten signature in blue ink, appearing to read "Katarina Fjording".



Lindsay E. Leonard  
Senior Director  
State & Local, Government  
Operations

The Boeing Company  
6400 International Blvd. MC 7830-NE51  
North Charleston, SC 29418

November 24, 2014

The Honorable Jo-Ellen Darcy  
Assistant Secretary of the Army  
Department of the Army, Civil Works  
108 Army Pentagon  
Washington, DC 20310

Dear Assistant Secretary Darcy:

I write to endorse the Proposal for Modification of the LAKES MARION AND MOULTRIE, SC PROJECT (Lake Marion Regional Water Authority, LMWRA) for inclusion in the U.S. Army Corps of Engineers (USACE) Annual Report to Congress.

The LMRWA is an integral part of a regional and strategic infrastructure improvement effort in South Carolina to improve conditions in the region. This project has been possible through collaboration and cooperation of public and private stakeholders.

Through the current authorization, LMRWA enhances the quality of life in portions of this decades-long underserved region by providing safe and reliable drinking water; stabilizing water rates; and improving infrastructure to support economic development and job creation. However, the project is not complete. Many more disadvantaged communities exist in the region that lack a clean, reliable, sustainable source of water of sufficient volume and pressure needed to sustain and grow these communities. A comprehensive study undertaken in 2008, in partnership with the U. S. Economic Development Administration, to evaluate numerous intersections along I-26 and I-95 for infrastructure capacity to support job creation found that this area, despite its close proximity to the Port of Charleston, is likely the most under-developed junction of primary interstate highway in the Eastern United States.

The Proposal for Modification is to bring the LMRWA multi-county water treatment and distribution system project to its fully-intended phasing. This modification is important for the health and safety of the region, as well as for the stability and future growth of the I-26/I-95 Corridor and the entire State of South Carolina. This LMRWA Project is complementary to the infrastructure developments underway at the Port of Charleston to prepare for post-Panamax shipping opportunities.

Thank you for your support of this Modification to bring the LMRWA Project towards completion.

Sincerely,



Lonnie N. Carter  
President and  
Chief Executive Officer  
(843) 761-7039  
Fax: (843) 761-7037  
lncarter@santeecooper.com

November 10, 2014

The Honorable Jo-Ellen Darcy  
Assistant Secretary of the Army  
Department of the Army, Civil Works  
108 Army Pentagon  
Washington, DC 20310

Dear Assistant Secretary Darcy:

I write to endorse the Proposal for Modification of the LAKES MARION AND MOULTRIE, SC PROJECT (Lake Marion Regional Water Authority, LMWRA) for inclusion in the U.S. Army Corps of Engineers (USACE) Annual Report to Congress.

The LMRWA was authorized in the Water Resources Development Act of 1992 for wastewater treatment, water treatment, water supply, and water distribution systems in a multi-county, economically-disadvantaged area of South Carolina. It is an integral and key part of a large, regional and strategic infrastructure improvement effort in South Carolina designed to improve significantly the human and environmental conditions in the region and enhance the local, state and national economies through efficient transport and distribution of goods throughout the U.S. This regional project – and its Federal funding – have been made possible by the strong collaboration and cooperation of numerous public and private stakeholders – the U.S. Army Corps of Engineers, Santee Cooper, government and non-government entities, business and industry and many other concerned groups and individual citizens.

To the extent of the current authorization, LMRWA is enhancing the quality of life in a good portion of this decades-long underserved region by providing safe and reliable drinking water; improving other health, environmental and safety conditions; stabilizing water rates; leveraging public and private partnerships; and improving infrastructure to support economic development and job creation. However, the project is not complete. There still exist many more disadvantaged communities in the region that lack a clean, reliable, sustainable source of water of sufficient volume and pressure to promote good health, protect our environment, support fire suppression and other public safety services, as well as foster economic growth. Furthermore, a comprehensive study was undertaken in 2008 in partnership with the U.S. Economic Development Administration to evaluate numerous intersections along I-26 and I-95 for infrastructure capacity to support job creation. It was determined that this area, despite its close proximity to the Port of Charleston, is likely the most under-developed junction of primary interstate highway in the eastern U.S.

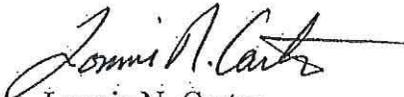
The Proposal for Modification is to bring the LMRWA multi-county water treatment and distribution system project to its fully-intended phasing. This is essential for the health and safety

The Honorable Jo-Ellen Darcy  
November 10, 2014  
Page 2

of the region and its citizens, as well as for the stability and future growth of the I-26/I-95 corridor and the entire state of South Carolina. Infrastructure developments are underway at the Port of Charleston to prepare our state and nation for post-Panamax shipping opportunities, and this LMRWA Project is complementary to that effort.

Thank you for your consideration and support of this critically-needed Modification to bring the LMRWA Project towards completion.

Sincerely,



Lonnie N. Carter

LNC:alh

# NUCOR

**BERKELEY**

A Division of NUCOR Corporation

Post Office Box 2259  
Mt. Pleasant, South Carolina 29465-2259

Telephone (843) 336-6000  
Fax (843) 336-6108

The Honorable Jo-Ellen Darcy  
Assistant Secretary of the Army  
Department of the Army, Civil Works  
108 Army Pentagon  
Washington, DC 20310

September 15, 2015

Re: Support for Proposal for Modification of the Lakes Marion and Moultrie, SC Project

Dear Assistant Secretary Darcy:

I am writing to support the Proposal for Modification of the LAKES MARION AND MOULTRIE, SC PROJECT (Lake Marion Regional Water Authority, LMWRA) for inclusion in the U.S. Army Corps of Engineers (USACE) Annual Report to Congress.

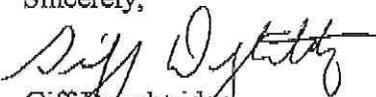
The LMRWA was authorized in the Water Resources Development Act of 1992 for wastewater treatment, water treatment, water supply, and water distribution systems in a multi-county, economically-disadvantaged area of South Carolina. It is enhancing the quality of life in a good portion of this underserved region by improving the environment and infrastructure to support economic development and job creation. However, the project is not complete. Other areas in the region with disadvantaged communities are currently not part of LMWRA. One of these areas is Berkeley County, which would be added as a part of this modification.

Nucor Corporation operates a large steel mill in the county. While our mill supports thousands of high-quality jobs – both directly and indirectly – in Berkeley County, additional economic development is needed to help disadvantaged communities. A comprehensive study done in 2008, in partnership with the U. S. Economic Development Administration, concluded that this area, despite its close proximity to the Port of Charleston, is likely the most under-developed junction of primary interstate highway in the Eastern United States.

The Proposal for Modification is to bring the LMRWA multi-county water treatment and distribution system project to its fully-intended phasing, including the addition of Berkeley County. This is essential for the health and safety of the region and its citizens. Infrastructure developments are underway at the Port of Charleston to prepare our state and nation for post-Panamax shipping opportunities, and this LMRWA Project is complementary to that effort.

Thank you for your consideration and support of this critically-needed Modification to bring the LMRWA Project towards completion.

Sincerely,



Giff Daughtridge  
Vice President & General Manager  
Nucor Steel – Berkeley

# THE ELECTRIC COOPERATIVES OF SOUTH CAROLINA, INC.

*The Association of South Carolina's Consumer Owned Electric Cooperatives  
Which Serve More Than 1.3 Million Citizens*

November 25, 2014

The Honorable Jo-Ellen Darcy  
Assistant Secretary of the Army  
Department of the Army, Civil Works  
108 Army Pentagon  
Washington, DC 20310

Dear Assistant Secretary Darcy:

I write to endorse the Proposal for Modification of the LAKES MARION AND MOULTRIE, SC PROJECT (Lake Marion Regional Water Authority, LMWRA) for inclusion in the U.S. Army Corps of Engineers (USACE) Annual Report to Congress.

The LMRWA was authorized in the Water Resources Development Act of 1992 for wastewater treatment, water treatment, water supply, and water distribution systems in a multi-county, economically-disadvantaged area of South Carolina. It is an integral and key part of a large, regional and strategic infrastructure improvement effort in South Carolina designed to improve significantly the human and environmental conditions in the region and enhance the local, state and national economies through efficient transport and distribution of goods throughout the U.S. This regional project – and its Federal funding – have been made possible by the strong collaboration and cooperation of numerous public and private stakeholders – the U. S. Army Corps of Engineers, Santee Cooper, government and non-government entities, business and industry and many other concerned groups and individual citizens.

To the extent of the current authorization, LMRWA is enhancing the quality of life in a good portion of this decades-long underserved region by providing safe and reliable drinking water; improving other health, environmental and safety conditions; stabilizing water rates; leveraging public and private partnerships; and improving infrastructure to support economic development and job creation. However, the project is not complete. There still exist many more disadvantaged communities in the region that lack a clean, reliable, sustainable source of water of sufficient volume and pressure to promote good health, protect our environment, support fire suppression and other public safety services, as well as foster economic growth. Furthermore, a comprehensive study was undertaken in 2008 in partnership with the U. S. Economic Development Administration to evaluate numerous intersections along I-26 and I-95 for infrastructure capacity to support job creation. It was determined that this area, despite its close proximity to the Port of Charleston, is likely the most under-developed junction of primary interstate highway in the Eastern United States.

The Proposal for Modification is to bring the LMRWA multi-county water treatment and distribution system project to its fully-intended phasing. This is essential for the health and safety of the region and its citizens, as well as for the stability and future growth of the I-26/I-95 Corridor and the entire State of South Carolina. Infrastructure developments are underway at the Port of Charleston to prepare our state and nation for post-Panamax shipping opportunities, and this LMRWA Project is complementary to that effort.

Thank you for your consideration and support of this critically-needed Modification to bring the LMRWA Project towards completion.

Sincerely,

A handwritten signature in black ink, appearing to read "Mike Couick". The signature is written in a cursive style with a large initial "M" and a long, sweeping underline.

Mike Couick  
President and CEO



**EDISTO ELECTRIC**  
COOPERATIVE, INC.

Your Touchstone Energy® Partner 

November 4, 2014

The Honorable Jo-Ellen Darcy  
Assistant Secretary of the Army  
Department of the Army, Civil Works  
108 Army Pentagon  
Washington, DC 20310

Dear Assistant Secretary Darcy:

This letter is written to endorse the Proposal for Modification of the LAKES MARION AND MOULTRIE, SC PROJECT (Lake Marion Regional Water Authority, LMWRA) for inclusion in the U.S. Army Corps of Engineers (USACE) Annual Report to Congress.

The LMRWA was authorized in the Water Resources Development Act of 1992 for wastewater treatment, water treatment, water supply, and water distribution systems in a multi-county, economically-disadvantaged area of South Carolina. It is an integral and key part of a large, regional and strategic infrastructure improvement effort in South Carolina designed to improve significantly the human and environmental conditions in the region and enhance the local, state and national economies through efficient transport and distribution of goods throughout the U.S. This regional project – and its Federal funding – have been made possible by the strong collaboration and cooperation of numerous public and private stakeholders – the U. S. Army Corps of Engineers, Santee Cooper, government and non-government entities, business and industry and many other concerned groups and individual citizens.

To the extent of the current authorization, LMRWA is enhancing the quality of life in a good portion of this decades-long underserved region by providing safe and reliable drinking water; improving other health, environmental and safety conditions; stabilizing water rates; leveraging public and private partnerships; and improving infrastructure to support economic development and job creation. However, the project is not complete. There still exist many more disadvantaged communities in the region that lack a clean, reliable, sustainable source of water of sufficient volume and pressure to promote good health, protect our environment, support fire suppression and other public safety services, as well as foster economic growth. Furthermore, a comprehensive study was undertaken in 2008 in partnership with the U. S. Economic Development Administration to evaluate numerous intersections along I-26 and I-95 for infrastructure capacity to support job creation. It was determined that this area, despite its close proximity to the Port of Charleston, is likely the most under-developed junction of primary interstate highway in the Eastern United States.

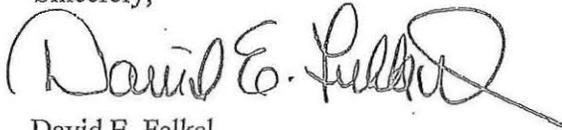
The Proposal for Modification is to bring the LMRWA multi-county water treatment and distribution system project to its fully-intended phasing. This is essential for the health and safety of the region and its citizens, as well as for the stability and future growth of the I-26/I-95 Corridor and the entire State of South Carolina. Infrastructure developments are underway at the

The Honorable Jo-Ellen Darcy  
Assistant Secretary of the Army  
November 4, 2014  
Page 2

Port of Charleston to prepare our state and nation for post-Panamax shipping opportunities, and this LMRWA Project is complementary to that effort.

Thank you for your consideration and support of this critically-needed Modification to bring the LMRWA Project towards completion.

Sincerely,

A handwritten signature in black ink, appearing to read "David E. Felkel". The signature is written in a cursive style with a long, sweeping underline that extends to the right.

David E. Felkel  
President/CEO



**TRI-COUNTY  
ELECTRIC  
COOPERATIVE**

*"Owned by those we proudly serve"*

November 18, 2014

The Honorable Jo-Ellen Darcy  
Assistant Secretary of the Army  
Department of the Army, Civil Works  
108 Army Pentagon  
Washington, DC 20310

Dear Assistant Secretary Darcy:

I write to endorse the Proposal for Modification of the LAKES MARION AND MOULTRIE, SC PROJECT (Lake Marion Regional Water Authority, LMWRA) for inclusion in the U.S. Army Corps of Engineers (USACE) Annual Report to Congress.

The LMRWA was authorized in the Water Resources Development Act of 1992 for wastewater treatment, water treatment, water supply, and water distribution systems in a multi-county, economically-disadvantaged area of South Carolina. It is an integral and key part of a large, regional and strategic infrastructure improvement effort in South Carolina designed to improve significantly the human and environmental conditions in the region and enhance the local, state and national economies through efficient transport and distribution of goods throughout the U.S. This regional project – and its Federal funding – have been made possible by the strong collaboration and cooperation of numerous public and private stakeholders – the U. S. Army Corps of Engineers, Santee Cooper, government and non-government entities, business and industry and many other concerned groups and individual citizens.

To the extent of the current authorization, LMRWA is enhancing the quality of life in a good portion of this decades-long underserved region by providing safe and reliable drinking water; improving other health, environmental and safety conditions; stabilizing water rates; leveraging public and private partnerships; and improving infrastructure to support economic development and job creation. However, the project is not complete. There still exist many more disadvantaged communities in the region that lack a clean, reliable, sustainable source of water of sufficient volume and pressure to promote good health, protect our environment, support fire suppression and other public safety services, as well as foster economic growth. Furthermore, a comprehensive study was undertaken in 2008 in partnership with the U. S. Economic Development Administration to evaluate numerous intersections along I-26 and I-95 for infrastructure capacity to support job creation. It was determined that this area, despite its close proximity to the Port of Charleston, is likely the most under-developed junction of primary interstate highway in the Eastern United States.

Honorable Jo-Ellen Darcy  
November 18, 2014  
Page 2

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Thank you for your consideration and support of this critically-needed Modification to bring the LMRWA Project towards completion.

Sincerely,



Chad T. Lowder  
Chief Executive Officer

CTL/cms

Tres Atkinson  
Fire Chief



Malcolm Burns  
Deputy Chief

## Dorchester County Fire Rescue

101 RIDGE STREET  
ST. GEORGE, SC 29477  
Tel: 843-563-0214/843-832-0214  
Fax: 843-832-0276

October 24, 2014

The Honorable Jo-Ellen Darcy  
Assistant Secretary of the Army  
Department of the Army, Civil Works  
108 Army Pentagon  
Washington, DC 20310

Dear Assistant Secretary Darcy:

I write to endorse the Proposal for Modification of the LAKES MARION AND MOULTRIE, SC PROJECT (Lake Marion Regional Water Authority, LMWRA) for inclusion in the U.S. Army Corps of Engineers (USACE) Annual Report to Congress.

The LMRWA was authorized in the Water Resources Development Act of 1992 for wastewater treatment, water treatment, water supply, and water distribution systems in a multi-county, economically-disadvantaged area of South Carolina. It is an integral and key part of a large, regional and strategic infrastructure improvement effort in South Carolina designed to improve significantly the human and environmental conditions in the region and enhance the local, state and national economies through efficient transport and distribution of goods throughout the U.S. This regional project – and its Federal funding – have been made possible by the strong collaboration and cooperation of numerous public and private stakeholders – the U. S. Army Corps of Engineers, Santee Cooper, government and non-government entities, business and industry and many other concerned groups and individual citizens.

To the extent of the current authorization, LMRWA is enhancing the quality of life in a good portion of this decades-long underserved region by providing safe and reliable drinking water; improving other health, environmental and safety conditions; stabilizing water rates; leveraging public and private partnerships; and improving infrastructure to support economic development and job creation. However, the project is not complete. There still exist many more

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The Proposal for Modification is to bring the LMRWA multi-county water treatment and distribution system project to its fully-intended phasing. This is essential for the health and safety of the region and its citizens, as well as for the stability and future growth of the I-26/I-95 Corridor and the entire State of South Carolina. Infrastructure developments are underway at the Port of Charleston to prepare our state and nation for post-Panamax shipping opportunities, and this LMRWA Project is complementary to that effort.

Thank you for your consideration and support of this critically-needed Modification to bring the LMRWA Project towards completion.

Sincerely,

DORCHESTER COUNTY FIRE RESCUE

A handwritten signature in black ink, appearing to read 'Tres Atkinson', with a stylized flourish at the end.

Tres Atkinson  
Fire Chief

TA/lah

## **FORT MOTTE VOLUNTEER FIRE DEPARTMENT**

**222 Wadford Road  
Cameron SC 29030  
PHONE (803) 874-2289  
FAX (803) 874-2289  
E-MAIL [ftmotte603@aol.com](mailto:ftmotte603@aol.com)**

November 25, 2014

The Honorable Jo-Ellen Darcy  
Assistant Secretary of the Army  
Department of the Army, Civil Works  
108 Army Pentagon  
Washington, DC 20310

Dear Assistant Secretary Darcy:

I write to endorse the Proposal for Modification of the LAKES MARION AND MOULTRIE, SC PROJECT (Lake Marion Regional Water Authority, LMWRA) for inclusion in the U.S. Army Corps of Engineers (USACE) Annual Report to Congress.

The LMRWA was authorized in the Water Resources Development Act of 1992 for wastewater treatment, water treatment, water supply, and water distribution systems in a multi-county, economically-disadvantaged area of South Carolina. It is an integral and key part of a large, regional and strategic infrastructure improvement effort in South Carolina designed to improve significantly the human and environmental conditions in the region and enhance the local, state and national economies through efficient transport and distribution of goods throughout the U.S. This regional project – and its Federal funding – have been made possible by the strong collaboration and cooperation of numerous public and private stakeholders – the U. S. Army Corps of Engineers, Santee Cooper, government and non-government entities, business and industry and many other concerned groups and individual citizens.

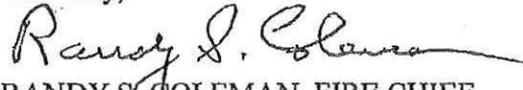
To the extent of the current authorization, LMRWA is enhancing the quality of life in a good portion of this decades-long underserved region by providing safe and reliable drinking water; improving other health, environmental and safety conditions; stabilizing water rates; leveraging public and private partnerships; and improving infrastructure to support economic development and job creation. However, the project is not complete. There still exist many more disadvantaged communities in the region that lack a clean, reliable, sustainable source of water of sufficient volume and pressure to promote good health, protect our environment, support fire suppression and other public safety services, as well as foster economic growth. Furthermore, a comprehensive study was undertaken in 2008 in partnership with the U. S. Economic Development Administration to evaluate numerous intersections along I-26 and I-95 for infrastructure capacity to support job creation. It was determined that this area, despite its close

proximity to the Port of Charleston, is likely the most under-developed junction of primary interstate highway in the Eastern United States.

The Proposal for Modification is to bring the LMRWA multi-county water treatment and distribution system project to its fully-intended phasing. This is essential for the health and safety of the region and its citizens, as well as for the stability and future growth of the I-26/I-95 Corridor and the entire State of South Carolina. Infrastructure developments are underway at the Port of Charleston to prepare our state and nation for post-Panamax shipping opportunities, and this LMRWA Project is complementary to that effort.

Thank you for your consideration and support of this critically-needed Modification to bring the LMRWA Project towards completion.

Sincerely,

A handwritten signature in cursive script that reads "Randy S. Coleman". The signature is written in black ink and is positioned above the typed name.

RANDY S. COLEMAN, FIRE CHIEF

# ORANGEBURG COUNTY FIRE DISTRICT

131 FIREFIGHTER LANE ORANGEBURG, S.C. 29115  
TELEPHONE 803-533-6218 FAX 803-539-2073

FIRE SERVICES OFFICE  
GENE BALL, DIRECTOR  
TEDDY D. WOLFE, CHIEF-FIRE OPERATIONS

COMMISSION  
LINZIE M. MULDRON, CHM.  
FRANCES DAVIS, VICE CHM.  
JEAN DAVIS-CAPERS  
IDELLA CARSON  
DELORIS FRAZIER  
DAVID FUNCHESS  
STEVEN MURDAUGH

November 25, 2014

The Honorable Jo-Ellen Darcy  
Assistant Secretary of the Army  
Department of the Army, Civil Works  
108 Army Pentagon  
Washington, DC 20310

Dear Assistant Secretary Darcy:

I serve as the Director of Fire Services for the Orangeburg County Fire District since 1997 and am writing to endorse the Proposal for Modification of the LAKES MARION AND MOULTRIE, SC PROJECT (Lake Marion Regional Water Authority, LMWRA) for inclusion in the U.S. Army Corps of Engineers (USACE) Annual Report to Congress.

To the extent of the current authorization, LMRWA is enhancing the quality of life in a good portion of this decades-long underserved region by supporting fire suppression and other public safety services, as well as foster economic growth.

Every day I see the effects of having non-hydranted areas of our county, in which case we have to rely heavily on our 100% volunteer firefighter workforce responding water tankers from surrounding departments. With the number of volunteers declining throughout South Carolina, we must hope that we will have enough staffing to set-up an effective water shuttle to save a life or at least try to stop the advance of the fire and give the family a little something to save and cherish. With the completion of this project and the addition of fire hydrants to the affected area, we will be able effectively save more lives and property.

Orangeburg County has also made significant reductions in Insurance Service Office (ISO) ratings due to the addition of the water system providing by the LMRWA, which has resulted in significant insurance premium savings of more than \$800,000 dollars per year which goes directly back into the pockets of the residents and businesses of Orangeburg County.

Furthermore, the completion of this project will provide safe and reliable drinking water; improving other health, environmental and safety conditions; stabilizing water rates; leveraging public and private partnerships; and improving infrastructure to support economic development and job creation.

However, the project is not complete. There still exist many more disadvantaged communities in the region that lack a clean, reliable, sustainable source of water of sufficient volume and pressure to promote good health and protect our environmental, as well as foster economic growth.

In 2008 a comprehensive study was undertaken in 2008 in partnership with the U. S. Economic Development Administration to evaluate numerous intersections along I-26 and I-95 for infrastructure capacity to support job creation. It was determined that this area, despite its close proximity to the Port of Charleston, is likely the most under-developed junction of primary interstate highway in the Eastern United States.

The Proposal for Modification is to bring the LMRWA multi-county water treatment and distribution system project to its fully-intended phasing. This is essential for the health and safety of the region and its citizens, as well as for the stability and future growth of the I-26/I-95 Corridor and the entire State of South Carolina. Infrastructure developments are underway at the Port of Charleston to prepare our state and nation for post-Panamax shipping opportunities, and this LMRWA Project is complementary to that effort.

Thank you for your consideration and support of this critically-needed Modification to bring the LMRWA Project towards completion.

Sincerely,

A handwritten signature in cursive script, appearing to read "Gene Ball".

Gene Ball  
Director of Fire Services  
Orangeburg County Fire District



MeadWestvaco Corporation  
Community Development  
and Land Management Group  
201 Sigma Drive, Suite 400  
Summerville, SC 29483

+1 843.871.5000 T  
+1 843.875.7185 F  
mww.com

November 15, 2014

The Honorable Jo-Ellen Darcy  
Assistant Secretary of the Army  
Department of the Army, Civil Works  
108 Army Pentagon  
Washington, DC 20310

Dear Assistant Secretary Darcy:

I write to endorse the Proposal for Modification of the LAKES MARION AND MOULTRIE, SC PROJECT (Lake Marion Regional Water Authority, LMWRA) for inclusion in the U.S. Army Corps of Engineers (USACE) Annual Report to Congress.

The LMRWA was authorized in the Water Resources Development Act of 1992 for wastewater treatment, water treatment, water supply, and water distribution systems in a multi-county, economically-disadvantaged area of South Carolina. It is an integral and key part of a large, regional and strategic infrastructure improvement effort in South Carolina designed to improve significantly the human and environmental conditions in the region and enhance the local, state and national economies through efficient transport and distribution of goods throughout the U.S. This regional project -- and its Federal funding -- have been made possible by the strong collaboration and cooperation of numerous public and private stakeholders -- the U. S. Army Corps of Engineers, Santee Cooper, government and non-government entities, business and industry and many other concerned groups and individual citizens.

To the extent of the current authorization, LMRWA is enhancing the quality of life in a good portion of this decades-long underserved region by providing safe and reliable drinking water; improving other health, environmental and safety conditions; stabilizing water rates; leveraging public and private partnerships; and improving infrastructure to support economic development and job creation. However, the project is not complete. There still exist many more disadvantaged communities in the region that lack a clean, reliable, sustainable source of water of sufficient volume and pressure to promote good health, protect our environment, support fire suppression and other public safety services, as well as foster economic growth. There are several economic development priority zones that have been established in the region that are ready for companies to build new job centers. The primary block to creating good jobs for the residents of the region is the lack of reliable drinking water, fire suppression and sewage disposal facilities to support these industries.

The Proposal for Modification is to bring the LMRWA multi-county water treatment and distribution system project to its fully-intended phasing. This is essential for the health and safety of the region and its citizens, as well as for the stability and future growth of the I-26/I-95 Corridor and the entire State



MeadWestvaco Corporation  
Community Development  
and Land Management Group  
201 Sigma Drive, Suite 400  
Summerville, SC 29483

+1 843.871.5000 T  
+1 843.875.7185 F  
mww.com

of South Carolina. Infrastructure developments are underway at the Port of Charleston to prepare our state and nation for post-Panamax shipping opportunities, and this LMRWA Project is complementary to that effort.

Thank you for your consideration and support of this critically-needed Modification to bring the LMRWA Project towards completion.

Sincerely,

A handwritten signature in blue ink that reads "James H. Hill". The signature is written in a cursive style with a large, looping initial 'J'.

James H. Hill  
Vice President  
Commercial and Industrial Development



November 14, 2014

The Honorable Jo-Ellen Darcy  
Assistant Secretary of the Army  
Department of the Army, Civil Works  
108 Army Pentagon  
Washington, DC 20310

Dear Assistant Secretary Darcy:

I write to endorse the Proposal for Modification of the LAKES MARION AND MOULTRIE, SC PROJECT (Lake Marion Regional Water Authority, LMWRA) for inclusion in the U.S. Army Corps of Engineers (USACE) Annual Report to Congress.

The LMRWA was authorized in the Water Resources Development Act of 1992 for wastewater treatment, water treatment, water supply, and water distribution systems in a multi-county, economically-disadvantaged area of South Carolina. It is an integral and key part of a large, regional and strategic infrastructure improvement effort in South Carolina designed to improve significantly the human and environmental conditions in the region and enhance the local, state and national economies through efficient transport and distribution of goods throughout the U.S. This regional project – and its Federal funding – have been made possible by the strong collaboration and cooperation of numerous public and private stakeholders – the U. S. Army Corps of Engineers, Santee Cooper, government and non-government entities, business and industry and many other concerned groups and individual citizens.

To the extent of the current authorization, LMRWA is enhancing the quality of life in a good portion of this decades-long underserved region by providing safe and reliable drinking water; improving other health, environmental and safety conditions; stabilizing water rates; leveraging public and private partnerships; and improving infrastructure to support economic development and job creation. However, the project is not complete. There still exist many more disadvantaged communities in the region that lack a clean, reliable, sustainable source of water of sufficient volume and pressure to promote good health, protect our environment, support fire suppression and other public safety services, as well as foster economic growth. Furthermore, a comprehensive study was undertaken in 2008 in partnership with the U. S. Economic Development Administration to evaluate numerous intersections along I-26 and I-95 for infrastructure capacity to support job creation. It was determined that this area, despite its close proximity to the Port of Charleston, is likely the most under-developed junction of primary interstate highway in the Eastern United States.

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COMACT EQUIPMENT US, INC.

Phone : (843) 563-7070  
Fax : (843) 543-7452

176 Academy Road  
St. George SC USA 29477

The Proposal for Modification is to bring the LMRWA multi-county water treatment and distribution system project to its fully-intended phasing. This is essential for the health and safety of the region and its citizens, as well as for the stability and future growth of the I-26/I-95 Corridor and the entire State of South Carolina. Infrastructure developments are underway at the Port of Charleston to prepare our state and nation for post-Panamax shipping opportunities, and this LMRWA Project is complementary to that effort.

Thank you for your consideration and support of this critically-needed Modification to bring the LMRWA Project towards completion.

Sincerely,

A handwritten signature in black ink, appearing to read "S. Leister", written over a horizontal line.

Scott Leister  
Controller  
Comact Equipment US, Inc.



Holcim

Holcim (US) Inc.  
200 Safety Street / Hwy 453  
P.O. Box 698  
Holly Hill, SC 29059

Phone 803 496 5027  
Fax 803 496 2733  
[www.holcim.com/us](http://www.holcim.com/us)

November 25, 2014

The Honorable Jo-Ellen Darcy  
Assistant Secretary of the Army  
Department of the Army, Civil Works  
108 Army Pentagon  
Washington, DC 20310

Dear Assistant Secretary Darcy:

I write to endorse and support the Proposal for Modification of the LAKES MARION AND MOULTRIE, SC PROJECT (Lake Marion Regional Water Authority, LMWRA) for inclusion in the U.S. Army Corps of Engineers (USACE) Annual Report to Congress.

The LMRWA was authorized in the Water Resources Development Act of 1992 for wastewater treatment, water treatment, water supply, and water distribution systems in a multi-county, economically-disadvantaged area of South Carolina. It is an integral and key part of a large, regional and strategic infrastructure improvement effort in South Carolina designed to improve significantly the human and environmental conditions in the region and enhance the local, state and national economies through efficient transport and distribution of goods throughout the U.S. This regional project – and its Federal funding – have been made possible by the strong collaboration and cooperation of numerous public and private stakeholders – the U. S. Army Corps of Engineers, Santee Cooper, government and non-government entities, business and industry and many other concerned groups and individual citizens.

To the extent of the current authorization, LMRWA is enhancing the quality of life in a good portion of this underserved region by providing safe and reliable drinking water; improving other health, environmental and safety conditions; stabilizing water rates; leveraging public and private partnerships; and improving infrastructure to support economic development and job creation. However, the project is not complete. There are still many more disadvantaged communities in the region that lack a clean, reliable source of water of sufficient volume and pressure to promote good health, protect our environment, support fire suppression and other public safety services, as well as foster economic growth. Furthermore, a comprehensive study was undertaken in 2008 in partnership with the U. S. Economic Development Administration to evaluate numerous intersections along I-26 and I-95 for infrastructure capacity to support job creation. It was determined that this area is likely the most under-developed junction of primary interstate highway in the Eastern United States.

The Proposal for Modification is to bring the LMRWA multi-county water treatment and distribution system project to its fully-intended phasing. This is essential for the health and safety of the region and its citizens, as well as for the stability and future growth of the I-26/I-95 Corridor and the entire State of South Carolina. Infrastructure developments are underway at the Port of Charleston to prepare our state and nation for post-Panamax shipping opportunities, and this LMRWA Project is complementary to that effort.

Thank you for your consideration and support of this critically-needed Modification to bring the LMRWA Project towards completion.

Sincerely,

Joe McFalls  
Plant Manager  
Holcim (US) Inc. – Holly Hill Plant

November 10, 2014

The Honorable Jo-Ellen Darcy  
Assistant Secretary of the Army  
Department of the Army, Civil Works  
108 Army Pentagon  
Washington, DC 20310

Dear Assistant Secretary Darcy:

Trident Technical College strongly supports the modification proposal for the Lakes Marion and Moultrie, SC Project (Lake Marion Regional Water Authority, LMWRA) for inclusion in the U.S. Army Corps of Engineers (USACE) Annual Report to Congress. The college is aware of the proposals' benefits and the economic growth it will bring to the tri-county area and its residents.

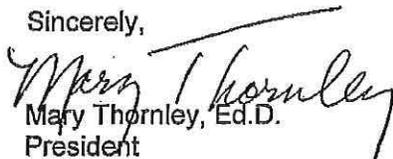
LMRWA is enhancing the quality of life in a good portion of this decades-long underserved region by:

- providing safe and reliable drinking water;
- improving other health,
- environmental and safety conditions;
- stabilizing water rates;
- leveraging public and private partnerships; and
- improving infrastructure to support economic development and job creation.

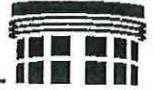
However, the project is not complete. Many disadvantaged communities exist in the region that lack a clean, reliable, sustainable source of water. The proposal for modification is to bring the LMRWA multi-county water treatment and distribution system project to its fully-intended phasing. This is essential for the health and safety of the region and its citizens, as well as for the stability and future growth of the I-26/I-95 Corridor and the entire State of South Carolina. Infrastructure developments are underway at the Port of Charleston to prepare our state and nation for post-Panamax shipping opportunities, and this LMRWA Project is complementary to that effort.

Thank you for your consideration and support of this critically-needed modification to bring the LMRWA Project towards completion.

Sincerely,



Mary Thornley, Ed.D.  
President



October 15, 2014

The Honorable Jo-Ellen Darcy  
Assistant Secretary of the Army  
Department of the Army, Civil Works  
108 Army Pentagon  
Washington, DC 20310

Dear Assistant Secretary Darcy:

I write to endorse the Proposal for Modification of the LAKES MARION AND MOULTRIE, SC PROJECT (Lake Marion Regional Water Authority, LMWRA) for inclusion in the U.S. Army Corps of Engineers (USACE) Annual Report to Congress.

The LMRWA was authorized in the Water Resources Development Act of 1992 for wastewater treatment, water treatment, water supply, and water distribution systems in a multi-county, economically-disadvantaged area of South Carolina. It is an integral and key part of a large, regional and strategic infrastructure improvement effort in South Carolina designed to improve significantly the human and environmental conditions in the region and enhance the local, state and national economies through efficient transport and distribution of goods throughout the U.S. This regional project – and its Federal funding – have been made possible by the strong collaboration and cooperation of numerous public and private stakeholders – the U. S. Army Corps of Engineers, Santee Cooper, government and non-government entities, business and industry and many other concerned groups and individual citizens.

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The Proposal for Modification is to bring the LMRWA multi-county water treatment and distribution system project to its fully-intended phasing. This is essential for the health and safety of the region and its citizens, as well as for the stability and future growth of the I-26/I-95 Corridor and the entire State of South Carolina. Infrastructure developments are underway at the Port of Charleston to prepare our state and nation for post-Panamax shipping opportunities, and this LMRWA Project is complementary to that effort.

Thank you for your consideration and support of this critically-needed Modification to bring the LMRWA Project towards completion.

Sincerely,

  
Walt A. Tobin, Ph.D.  
President

**FROM COLLEGE TO CAREER**

PRESIDENT: Walt A. Tobin, Ph.D.

COMMISSION: John F. Shuler, Chairman • Fred H. Gantt, III • Leroy Morant • David K. Rickenbaker • Jacqueline S. Shaw • Lawrence L. Weathers • Margaret Felder Wilson, Ph.D.

3250 St. Matthews Road • Orangeburg, SC 29118-8299 • 803.536.0311 • 800.813.6519 • Fax: 803.535.1388 • www.otech.edu

# Nelson Mullins

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November 10, 2014

The Honorable Jo-Ellen Darcy  
Assistant Secretary of the Army  
Department of the Army, Civil Works  
108 Army Pentagon  
Washington, DC 20310

Dear Assistant Secretary Darcy:

I write to endorse the Proposal for Modification of the LAKES MARION AND MOULTRIE, SC PROJECT (Lake Marion Regional Water Authority, LMWRA) for inclusion in the U.S. Army Corps of Engineers (USACE) Annual Report to Congress.

The LMRWA was authorized in the Water Resources Development Act of 1992 for wastewater treatment, water treatment, water supply, and water distribution systems in a multi-county, economically-disadvantaged area of South Carolina. It is an integral and key part of a large, regional and strategic infrastructure improvement effort in South Carolina designed to improve significantly the human and environmental conditions in the region and enhance the local, state and national economies through efficient transport and distribution of goods throughout the U.S. This regional project – and its Federal funding – have been made possible by the strong collaboration and cooperation of numerous public and private stakeholders – the U. S. Army Corps of Engineers, Santee Cooper, government and non-government entities, business and industry and many other concerned groups and individual citizens.

To the extent of the current authorization, LMRWA is enhancing the quality of life in a good portion of this decades-long underserved region by providing safe and reliable drinking water; improving other health, environmental and safety conditions; stabilizing water rates; leveraging public and private partnerships; and improving infrastructure to support economic development and job creation. However, the project is not complete. There still exist many more disadvantaged communities in the region that lack a clean, reliable, sustainable source of water of sufficient volume and pressure to promote good health, protect our environment, support fire suppression and other public safety services, as well as foster economic growth. Furthermore, a comprehensive study was undertaken in 2008 in partnership with the U. S. Economic Development Administration to evaluate numerous intersections along I-26 and I-95

November 10, 2014

Page 2

for infrastructure capacity to support job creation. It was determined that this area, despite its close proximity to the Port of Charleston, is likely the most under-developed junction of primary interstate highway in the Eastern United States.

The Proposal for Modification is to bring the LMRWA multi-county water treatment and distribution system project to its fully-intended phasing. This is essential for the health and safety of the region and its citizens, as well as for the stability and future growth of the I-26/I-95 Corridor and the entire State of South Carolina. Infrastructure developments are underway at the Port of Charleston to prepare our state and nation for post-Panamax shipping opportunities, and this LMRWA Project is complementary to that effort.

Thank you for your consideration and support of this critically-needed Modification to bring the LMRWA Project towards completion.

Sincerely,



David H. Wilkins

***RICHARD W. RILEY***  
***Former Governor of South Carolina***  
***Former U. S. Secretary of Education***

November 25, 2014

The Honorable Jo-Ellen Darcy  
Assistant Secretary of the Army, Civil Works  
Washington, DC 20310

Dear Assistant Secretary Darcy:

I am writing to support and urge continuation to completion of the Lake Marion Regional Water Authority (LMRWA) project.

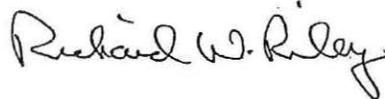
I am very familiar with the communities and residents of the areas to be served by this project. The region has extremely high poverty – much higher than the State and national poverty levels – and consists largely of poor, rural, African-American residents. They are good people who are working hard to improve themselves – as evidenced by the excellent public-private partnerships that have been formed for the LMRWA project.

Along with upgrading education in the region, with which I directly am involved, quality health care is a very important part of that improvement. And quality health care begins foremost with clean, safe drinking water.

There are many benefits for the region, our State and nation to be derived from the LMRWA project – transportation improvements, national security, economic development, to name just a few. I believe that better education can be the catalyst for all of those. But the fact is that children and adults cannot learn or work well if they are not healthy. And unsafe drinking water has been proven to be a – if not *the* – major contributor to unhealthy bodies.

I applaud the work of the Army Corps of Engineers, local governments and other public and private partners to date, and I strongly urge continued efforts to see this project completed. LMRWA is essential, on many levels, to lift the people of this region out of decades of generational, unhealthy poverty and into thriving, productive children and adults now and for decades to come.

Sincerely,



# Additional Proposal Information

(This is as uploaded, a blank page will show if nothing was submitted)

**Expenditures as of August 31, 2015..pdf**

**Lake Marion Regional Water Supply Project**  
**Allocations and Funds Expended To Date By The US Army Corps of Engineers**

**Cost Share 216 Design Phase**

Allocations and expenditures match since phase is complete

	Federal	Sponsor	Total
Allocations - Cash	\$1,430,510.32	\$476,836.77	\$1,907,347.09
Expenditures	\$1,430,510.32	\$476,836.77	\$1,907,347.09
	75.0%	25.0%	100.0%

**Cost Share 247 American Recovery and Reinvestment Act (ARRA) Phase**

Allocations and expenditures match since construction is complete

	Federal	Sponsor	Total
Allocations - Cash	\$7,071,269.33	\$2,357,089.78	\$9,428,359.11
<b>Expenditures</b>			
All Other (labor, vehicles, etc.)	\$0.00	\$679,732.06	\$679,732.06
Holly Hill Ph 1 Contract	\$4,150,575.00	\$904,075.00	\$5,054,650.00
Elloree Ph 2 Contract	\$2,920,694.33	\$773,282.72	\$3,693,977.05
<b>Cost Share 247 Expenditures</b>	<b>\$7,071,269.33</b>	<b>\$2,357,089.78</b>	<b>\$9,428,359.11</b>
	75.0%	25.0%	100.0%

**Lake Marion Regional Water Supply Project**  
**Allocations and Funds Expended To Date By The US Army Corps of Engineers**  
**Cost Share 230 Regular Construction Phase**

	Federal	Sponsor	Total
<b>Allocations Total</b>	<b>\$46,838,050</b>	<b>\$15,430,184</b>	<b>\$62,268,234</b>
Land	\$0	\$1,349,778	\$1,349,778
Cash	\$46,838,050	\$14,080,406	\$60,918,456
<b>Expenditures</b>			
All Other (labor, vehicles, etc.)	\$0	\$4,263,543	<b>\$4,263,543</b>
Lerrd Expenditures	\$0	\$1,349,778	<b>\$1,349,778</b>
Plant Contract Santee Reach Contract (all Fed)	\$26,031,098	\$6,360,534	<b>\$32,391,632</b>
Elloree Ph I Contract (all Fed)	\$3,224,600	\$0	<b>\$3,224,600</b>
Mathews Industrial Park Water Tower (all Fed)	\$955,833	\$0	<b>\$955,833</b>
Goodbys Creek	\$2,509,203	\$0	<b>\$2,509,203</b>
Wells Crossroad	\$3,962,187	\$901,495	<b>\$4,863,682</b>
Harleyville	\$4,011,137	\$994,438	<b>\$5,005,575</b>
Harleyville	\$4,060,438	\$1,037,116	<b>\$5,097,554</b>
<b>Cost Share 230 Expenditures</b>	<b>\$44,754,496</b>	<b>\$14,906,903</b>	<b>\$59,661,399</b>
	75.0%	25.0%	100.0%

LERRD - Total \$1,349,777.74 - \$452,392.92 for Santee Reach Ph II, \$355,997.72 for Elloree Reach, \$231,565.91 for Holly Hill and \$309,821.19 for Wells Crossroads

	Federal	Sponsor	Total
<b>Grand Total Allocations</b>	<b>\$55,339,830</b>	<b>\$18,264,111</b>	<b>\$73,603,940</b>
Land	\$0	\$1,349,778	\$1,349,778
Cash	\$55,339,830	\$16,914,333	\$72,254,162
<b>Grand Total Expenditures</b>	<b>\$53,256,275</b>	<b>\$17,740,830</b>	<b>\$70,997,105</b>
Undelivered Orders Holly Hill to Harleyville	\$74,111	\$1,950	
Undelivered Orders Under RIA Funds - Holly Hill to Harleyville		\$17,134	
<i>cash on hand for construction oversight, future mods or future new contracts (aka unobligated balance)</i>	<b>\$2,009,443</b>	<b>\$504,197</b>	

**Lake Marion Regional Water Supply Project**  
**Allocations and Funds Expended To Date By The US Army Corps of Engineers**

Expenditures

Fiscal Year	Federal (All Other)	Lerrd Credit	Plant Contract	Santee Reach Contract	Holly Hill Ph 1 Contract	Eiloree Ph I Contract	Eiloree Ph 2 Contract	Matthews Industrial Park Water Tower	Goodbys Creek	Wells Crossroad to Holly Hill	Holly Hill to Harleyville	Total
2001	\$117,328		\$0									\$117,328
2002	\$240,936		\$0									\$240,936
2003	\$367,123		\$0									\$367,123
2004	\$663,659		\$0									\$663,659
2005	\$59,983		\$9,423,600									\$9,483,583
2006	\$0		\$8,150,371									\$8,150,371
2007	\$0		\$5,099,404									\$5,099,404
2008	\$0		\$1,446,723									\$1,446,723
2009	\$0			\$3,224,345								\$3,224,345
2010	\$0			\$255	\$4,143,529	\$106,586	\$700,113					\$4,950,483
2011	\$0				\$7,046	\$746,997	\$2,181,741	\$1,565,920				\$4,501,704
2012	-\$18,519		\$1,911,000			\$102,250	\$38,840	\$1,021,283				\$3,054,854
2013							-\$78,000	\$3,725,692	\$4,083,000			\$7,730,692
2014								\$236,495	-\$71,863			\$164,632
<b>Sub-total</b>	<b>\$1,430,510</b>		<b>\$26,031,098</b>	<b>\$3,224,600</b>	<b>\$4,150,575</b>	<b>\$955,833</b>	<b>\$2,920,694</b>	<b>\$2,509,203</b>	<b>\$3,962,187</b>	<b>\$4,011,137</b>		<b>\$49,195,837</b>
2015 (thru Aug15)												\$4,060,438
<b>Grand Total</b>	<b>\$1,430,510</b>		<b>\$26,031,098</b>	<b>\$3,224,600</b>	<b>\$4,150,575</b>	<b>\$955,833</b>	<b>\$2,920,694</b>	<b>\$2,509,203</b>	<b>\$3,962,187</b>	<b>\$4,011,137</b>	<b>\$4,060,438</b>	<b>\$53,256,275</b>

75.01%

Fiscal Year	Sponsor (All Other)	Lerrd Credit	Plant Contract	Santee Reach Contract	Holly Hill Ph 1 Contract	Eiloree Ph I Contract	Eiloree Ph 2 Contract	Matthews Industrial Park Water Tower	Goodbys Creek	Wells Crossroad to Holly Hill	Holly Hill to Harleyville	Total
2001	\$9,220		\$0									\$9,220
2002	\$75,212		\$0									\$75,212
2003	\$144,026		\$0									\$144,026
2004	\$229,163		\$0									\$229,163
2005	\$786,106		\$1,574,800									\$2,360,906
2006	\$640,349		\$3,591,027									\$4,231,376
2007	\$443,105		\$302,178									\$745,283
2008	\$371,585		\$2,803,529									\$3,175,114
2009	\$496,111											\$496,111
2010	\$734,878	\$808,390.64			\$903,480		\$763,418					\$3,210,167
2011	\$479,943				\$695		\$31,694					\$512,232
2012	\$370,139	\$231,565.91	-\$1,911,000				-\$21,829					-\$1,331,124
2013	\$262,623	\$309,821.19						\$838,745	\$794,470			\$2,205,659
2014	\$202,823							\$62,750	\$199,968			\$465,541
<b>Sub-total</b>	<b>\$5,245,283</b>	<b>\$1,349,778</b>	<b>\$6,360,534</b>		<b>\$904,075</b>		<b>\$773,283</b>		<b>\$901,495</b>	<b>\$994,438</b>		<b>\$16,528,886</b>
2015 (thru Aug15)	<b>\$174,829</b>											<b>\$1,211,940</b>
<b>Grand Total</b>	<b>\$5,420,112</b>	<b>\$1,349,777.74</b>	<b>\$6,360,534</b>		<b>\$904,075</b>		<b>\$773,283</b>		<b>\$901,495</b>	<b>\$994,438</b>	<b>\$1,037,116</b>	<b>\$17,740,830</b>

LERRD - \$452,392.92 for Santee Reach Ph II, \$355,997.72 for Eiloree Reach and \$231,565.91 for Holly Hill

24.99%

**Lake Marion Regional Water Supply Project**  
**Allocations and Funds Expended To Date By The US Army Corps of Engineers**

Fiscal Year	Federal & Sponsor (All Other)	Lerrd Credit	Plant Contract	Santee Reach Contract	Holly Hill Ph 1 Contract	Ellore Ph 1 Contract	Ellore Ph 2 Contract	Matthews Industrial Park Water Tower	Goodbys Creek	Wells Crossroad to Holly Hill	Holly Hill to Harleyville	Grand Total Federal & Sponsor
2001	\$126,548		\$0									\$126,548
2002	\$316,148		\$0									\$316,148
2003	\$511,149		\$0									\$511,149
2004	\$892,822		\$0									\$892,822
2005	\$846,089		\$10,998,400									\$11,844,489
2006	\$640,349		\$11,741,398									\$12,381,747
2007	\$443,105		\$5,401,582									\$5,844,687
2008	\$371,585		\$4,250,252									\$4,621,837
2009	\$496,111			\$3,224,345								\$3,720,456
2010	\$734,878	\$808,391		\$255	\$5,047,009	\$106,586	\$1,463,531					\$8,160,650
2011	\$479,943				\$7,641	\$746,997	\$2,213,435	\$1,565,920				\$5,013,936
2012	\$351,620	\$231,566			\$0	\$102,250	\$17,011	\$1,021,283				\$1,723,730
2013	\$262,623	\$309,821			\$0	\$0	\$0	-\$78,000				\$9,936,351
2014	\$202,823	\$0			\$0	\$0	\$0	\$0				\$630,173
<b>Sub-total</b>	<b>\$6,675,793</b>	<b>\$1,349,778</b>	<b>\$32,391,632</b>	<b>\$3,224,600</b>	<b>\$5,054,650</b>	<b>\$955,833</b>	<b>\$3,693,977</b>	<b>\$2,509,203</b>	<b>\$4,863,682</b>	<b>\$5,005,575</b>		<b>\$65,724,723</b>
2015 (thru Aug15)	\$174,829								\$0	\$0	\$5,097,554	\$5,272,382
<b>Grand Total</b>	<b>\$6,850,622</b>	<b>\$1,349,778</b>	<b>\$32,391,632</b>	<b>\$3,224,600</b>	<b>\$5,054,650</b>	<b>\$955,833</b>	<b>\$3,693,977</b>	<b>\$2,509,203</b>	<b>\$4,863,682</b>	<b>\$5,005,575</b>	<b>\$5,097,554</b>	<b>\$70,997,105</b>

LERRD - Lands, Easements, Rights-of-way, Relocations, and Disposal/Borrow Areas  
 Filename: Z:\Lakes M&M\expenditures.xlsx  
 3-Feb-15

# Additional Proposal Information

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**Ltrs & Statements of Support Associated Non-Federal - 2016.pdf**

# Lake Marion Regional Water Agency



P.O.Box 2946101 M/C A204 ♦ Moncks Corner, S.C. 29461

September 1, 2016

The Honorable Jo-Ellen Darcy  
Assistant Secretary of the Army  
Department of the Army, Civil Works  
108 Army Pentagon  
Washington, DC 20310

Dear Assistant Secretary Darcy:

I write to request a Modification for the LAKES MARION AND MOULTRIE, SC (Lake Marion Regional Water System Project) for inclusion in the U.S. Army Corps of Engineers (USACE) Annual Report to Congress.

Lakes Marion and Moultrie, SC, (The Lake Marion Regional Water Agency - LMRWA) was authorized in the Water Resources Development Act of 1999 under section 219 of WRDA '92 for wastewater treatment, water treatment, water supply, and water distribution systems in a multi-county, economically-disadvantaged area of South Carolina. It is an integral and key part of a large, regional and strategic infrastructure improvement effort in South Carolina designed to improve significantly the human and environmental conditions in the region and enhance the local, state and national economies through efficient transport and distribution of goods throughout the U.S. This regional project – and its Federal funding – have been made possible by the strong collaboration and cooperation of numerous public and private stakeholders – the U. S. Army Corps of Engineers, Santee Cooper, government and non-government entities, business and industry and many other concerned groups and individual citizens.

Under the current authorization, LMRWA is enhancing the quality of life in a large portion of this decades-long underserved region by providing safe and reliable drinking water; improving other health, environmental and public safety conditions including support for fire suppression; stabilizing water rates; leveraging public and private partnerships; and improving infrastructure to support economic development and job creation. Furthermore, LMRWA will provide Volvo Cars' first American factory and its suppliers with critical access to water from Lakes Marion and Moultrie. In 2018, Volvo Cars USA will provide the region with an estimated 4,000 jobs and contribute approximately \$4.8 billion in total economic output on an annual basis. Additionally, a comprehensive study was undertaken in 2008 in partnership with the U. S. Economic Development Administration to evaluate numerous intersections along I-26 and I-95 for infrastructure capacity to support job creation. It was determined that this area, in spite of its close proximity to the Port of Charleston, is likely the most under-developed junction of primary interstate highway in the Eastern United States. Therefore completing this project is critical to the further development of the state and regional economies.

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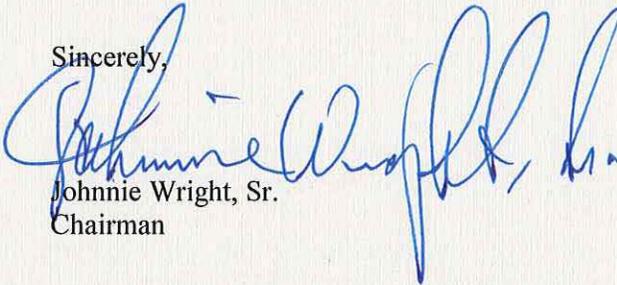
*More Than A Water Project*

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The Proposal for Modification brings the LMRWA multi-county water treatment and distribution system project to its fully-intended phasing. This is essential for the health and safety of the region and its citizens, as well as for the stability and future growth of the I-26/I-95 Corridor and the entire State of South Carolina. Infrastructure developments are underway at the Port of Charleston to prepare our state and nation for neo-Panamax shipping opportunities, and this LMRWA Project complements that effort.

Thank you for your consideration and support of this critically-needed Modification to bring the LMRWA Project towards completion.

Sincerely,

A handwritten signature in blue ink, appearing to read "Johnnie Wright, Sr.", written in a cursive style.

Johnnie Wright, Sr.  
Chairman

STATE OF SOUTH CAROLINA

RESOLUTION NUMBER 14-14

COUNTY OF DORCHESTER

**A RESOLUTION SUPPORTING THE REQUEST FOR MODIFICATION  
TO THE CURRENT FEDERALLY AUTHORIZED LAKES MARION AND MOULTRIE,  
SOUTH CAROLINA, PROJECT**

**WHEREAS**, As a result of a strong partnership with the U.S. Army Corps of Engineers, Santee Cooper and many other State and local entities, Federal funding was authorized for the Lakes Marion and Moultrie, South Carolina project (Lake Marion Regional Water Authority); and

**WHEREAS**, The Lake Marion Regional Water Authority completed the 8,000,000 gallon-per-day Water Treatment Plant in Santee, South Carolina in 2008. Currently, the plant and transmission lines serve the following communities:

In Orangeburg County: Bowman, Santee, Elloree and Vance

In Calhoun County: Lower Calhoun along Lake Marion

In Dorchester County: Harleyville (contract awarded September 24, 2014); and

**WHEREAS**, the current Federal authorization was insufficient to complete the Northern Reach to serve Clarendon County and Sumter County, the St. George Reach to serve Dorchester County, and the Southern Reach to serve Colleton County; therefore the Authority employed a strategy to serve the greatest number of customers and deliver the maximum volume of water. This strategy is accomplished by moving forward with the East Orangeburg County-Dorchester County Reach. This Reach provides water to Holly Hill and allows Dorchester County, currently not served, to receive water in Harleyville; and

**WHEREAS**, the requested Modification is needed to provide environmentally safe water and at the same time to support economic development and job creation by connecting the industrial parks in Calhoun, Orangeburg, and Dorchester Counties to a sustainable source of water. This connection provides underserved communities in those counties with a reliable source of clean water to improve health and environmental conditions. To improve public safety and ISO ratings, water of a sufficient volume and pressure will be provided to support fire suppression; and

**WHEREAS**, to accomplish these goals, the Authority proposes the following:

Extension of transmission lines to serve Eastman and the US Highway 176 corridor and associated industrial development in Calhoun County;

Extension of transmission lines to serve the Bowman area, Vance, and the US Highway 176 corridor in Orangeburg County;

Extension of the Harleyville Reach in Dorchester County to the Shady Grove Community near I-95 and US Highway 178, the Winding Woods Industrial Park and St. George Community near I-95 and US Highway 78, and the Ridgeville Commerce Park near SC Highway 27 and US Highway 78 and I-26;

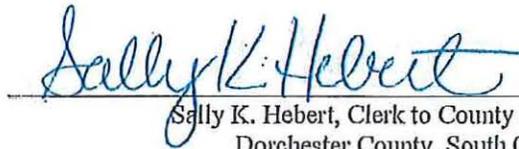
**NOW, THEREFORE, BE IT RESOLVED**, This 3<sup>rd</sup> day of November, 2014, that  
Dorchester County Council supports the request for Modification to the current Federally  
Authorized Lake Marion and Moultrie, South Carolina Project (Lake Marion Regional Water  
Authority).

**DORCHESTER COUNTY, SOUTH CAROLINA**



William R. Hearn, Jr., Chairman, County Council  
Dorchester County, South Carolina

Attest:



Sally K. Hebert, Clerk to County Council  
Dorchester County, South Carolina

STATE OF SOUTH CAROLINA

RESOLUTION NUMBER 2014-11-10- 18

COUNTY OF ORANGEBURG

**A RESOLUTION SUPPORTING THE REQUEST FOR MODIFICATION  
TO THE CURRENT FEDERALLY AUTHORIZED LAKES MARION AND MOULTRIE,  
SOUTH CAROLINA, PROJECT**

**WHEREAS**, As a result of a strong partnership with the U.S. Army Corps of Engineers, Santee Cooper and many other State and local entities, Federal funding was authorized for the Lakes Marion and Moultrie, South Carolina project (Lake Marion Regional Water Authority); and

**WHEREAS**, The Lake Marion Regional Water Authority completed the 8,000,000 gallon-per-day Water Treatment Plant in Santee, South Carolina in 2008. Currently, the plant and transmission lines serve the following communities:

In Orangeburg County: Bowman, Santee, Ellore and Vance

In Calhoun County: Lower Calhoun along Lake Marion

In Dorchester County: Harleyville (contract awarded September 24, 2014); and

**WHEREAS**, the current Federal authorization was insufficient to complete the Northern Reach to serve Clarendon County and Sumter County, the St. George Reach to serve Dorchester County, and the Southern Reach to serve Colleton County; therefore the Authority employed a strategy to serve the greatest number of customers and deliver the maximum volume of water. This strategy is accomplished by moving forward with the East Orangeburg County-Dorchester County Reach. This Reach provides water to Holly Hill and allows Dorchester County, currently not served, to receive water in Harleyville; and

**WHEREAS**, the requested Modification is needed to provide environmentally safe water and at the same time to support economic development and job creation by connecting the industrial parks in Calhoun, Orangeburg, and Dorchester Counties to a sustainable source of water. This connection provides underserved communities in those counties with a reliable source of clean water to improve health and environmental conditions. To improve public safety and ISO ratings, water of a sufficient volume and pressure will be provided to support fire suppression; and

**WHEREAS**, to accomplish these goals, the Authority proposes the following:

Extension of transmission lines to serve Eastman and the US Highway 176 corridor and associated industrial development in Calhoun County;

Extension of transmission lines to serve the Bowman area, Vance, and the US Highway 176 corridor in Orangeburg County;

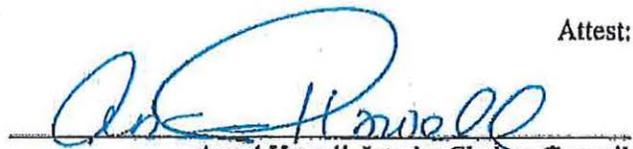
Extension of the Harleyville Reach in Dorchester County to the Shady Grove Community near I-95 and US Highway 178, the Winding Woods Industrial Park and St. George Community near I-95 and US Highway 78, and the Ridgeville Commerce Park near SC Highway 27 and US Highway 78 and I-26;

**NOW, THEREFORE, BE IT RESOLVED**, This 10<sup>th</sup> day of November, 2014, that Orangeburg County Council supports the request for Modification to the current Federally Authorized Lake Marion and Moultrie, South Carolina Project (Lake Marion Regional Water Authority).

ORANGEBURG, SOUTH CAROLINA

  
\_\_\_\_\_  
Johnny Wright, Sr., Chairman, County Council  
Orangeburg County, South Carolina

Attest:

  
\_\_\_\_\_  
Angel Howell, Interim Clerk to Council  
Orangeburg County, South Carolina

**CALHOUN COUNTY  
SOUTH CAROLINA**

**RESOLUTION**

WHEREAS, As a result of a strong partnership with the U.S. Army Corps of Engineers, Santee Cooper and many other State and local entities, Federal funding was authorized for the Lakes Marion and Moultrie, South Carolina project (Lake Marion Regional Water Authority); and

WHEREAS, The Lake Marion Regional Water Authority completed the 8,000,000 gallon-per-day Water Treatment Plant in Santee, South Carolina in 2008. Currently, the plant and transmission lines serve the following communities:

In Orangeburg County: Bowman, Santee, Ellore and Vance

In Calhoun County: Lower Calhoun along Lake Marion

In Dorchester County: Harleyville (contract awarded September 24, 2014); and

WHEREAS, the current Federal authorization was insufficient to complete the Northern Reach to serve Clarendon County and Sumter County, the St. George Reach to serve Dorchester County, and the Southern Reach to serve Colleton County; therefore the Authority employed a strategy to serve the greatest number of customers and deliver the maximum volume of water. This strategy is accomplished by moving forward with the East Orangeburg County-Dorchester County Reach. This Reach provides water to Holly Hill and allows Dorchester County, currently not served, to receive water in Harleyville; and

WHEREAS, the requested Modification is needed to provide environmentally safe water and at the same time to support economic development and job creation by connecting the industrial parks in Calhoun, Orangeburg, and Dorchester Counties to a sustainable source of water. This connection provides underserved communities in those counties with a reliable source of clean water to improve health and environmental conditions. To improve public safety and ISO ratings, water of a sufficient volume and pressure will be provided to support fire suppression; and

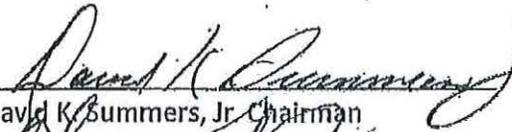
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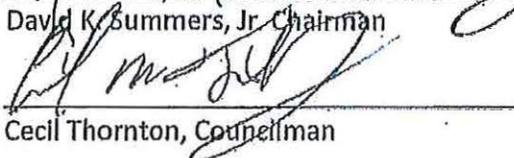
Extension of transmission lines to serve Eastman and the US Highway 176 corridor and associated industrial development in Calhoun County;

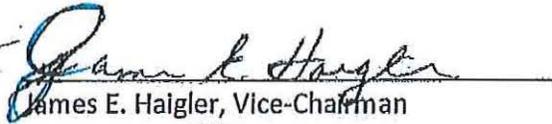
Extension of transmission lines to serve the Bowman area, Vance, and the US Highway 176 corridor in Orangeburg County;

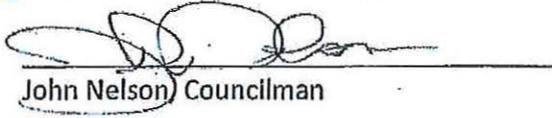
Extension of the Harleyville Reach in Dorchester County to the Shady Grove Community near I-95 and US Highway 178, the Winding Woods Industrial Park and St. George Community near I-95 and US Highway 78, and the Ridgeville Commerce Park near SC Highway 27 and US Highway 78 and I-26;

NOW, THEREFORE, BE IT RESOLVED THIS 13<sup>th</sup> day of October, 2014, that Calhoun County Council supports the request for Modification to the current Federally-authorized Lake Marion and Moultrie, South Carolina project (Lake Marion Regional Water Authority).

  
David K. Summers, Jr. Chairman

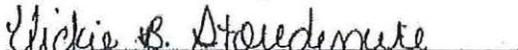
  
Cecil Thornton, Councilman

  
James E. Haigler, Vice-Chairman

  
John Nelson Councilman

\_\_\_\_\_  
Pamela Claxton, Councilwoman

ATTEST:

  
Vickie B. Stoudemire, Clerk to Council





## CALHOUN COUNTY COUNCIL

David K. Summers, Jr., Chairman  
James E. Haigler, Vice Chairman  
Pamela Claxton  
John D. Nelson  
Cecil M. Thornton, Jr.

F. Lee Prickett, Jr., County Administrator  
Vickie B. Stoudemire, Clerk to Council

November 18, 2014

The Honorable Jo-Ellen Darcy  
Assistant Secretary of the Army  
Department of the Army, Civil Works  
108 Army Pentagon  
Washington, DC 20310

Dear Assistant Secretary Darcy:

I write to endorse the Proposal for Modification of the LAKES MARION AND MOULTRIE, SC PROJECT (Lake Marion Regional Water Authority, LMWRA) for inclusion in the U.S. Army Corps of Engineers (USACE) Annual Report to Congress.

The LMRWA was authorized in the Water Resources Development Act of 1992 for wastewater treatment, water treatment, water supply, and water distribution systems in a multi-county, economically-disadvantaged area of South Carolina. It is an integral and key part of a large, regional and strategic infrastructure improvement effort in South Carolina designed to improve significantly the human and environmental conditions in the region and enhance the local, state and national economies through efficient transport and distribution of goods throughout the U.S. This regional project – and its Federal funding – have been made possible by the strong collaboration and cooperation of numerous public and private stakeholders – the U. S. Army Corps of Engineers, Santee Cooper, government and non-government entities, business and industry and many other concerned groups and individual citizens.

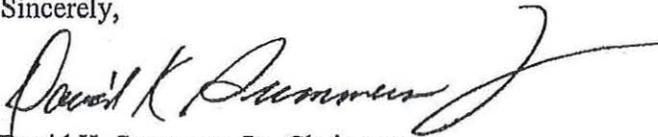
To the extent of the current authorization, LMRWA is enhancing the quality of life in a good portion of this decades-long underserved region by providing safe and reliable drinking water; improving other health, environmental and safety conditions; stabilizing water rates; leveraging public and private partnerships; and improving infrastructure to support economic development and job creation. However, the project is not complete. There still exist many more disadvantaged communities in the region that lack a clean, reliable, sustainable source of water of sufficient volume and pressure to promote good health, protect our environment, support fire suppression and other public safety services, as well as foster economic growth. Furthermore, a comprehensive study was undertaken in 2008 in partnership with the U. S. Economic Development Administration to evaluate numerous intersections along I-26 and I-95 for

infrastructure capacity to support job creation. It was determined that this area, despite its close proximity to the Port of Charleston, is likely the most under-developed junction of primary interstate highway in the Eastern United States.

The Proposal for Modification is to bring the LMRWA multi-county water treatment and distribution system project to its fully-intended phasing. This is essential for the health and safety of the region and its citizens, as well as for the stability and future growth of the I-26/I-95 Corridor and the entire State of South Carolina. Infrastructure developments are underway at the Port of Charleston to prepare our state and nation for post-Panamax shipping opportunities, and this LMRWA Project is complementary to that effort.

Thank you for your consideration and support of this critically-needed Modification to bring the LMRWA Project towards completion.

Sincerely,

A handwritten signature in cursive script, reading "David K. Summers, Jr.", with a long horizontal flourish extending to the right.

David K. Summers, Jr., Chairman  
Calhoun County Council

MAYOR  
DONNIE L. HILLIARD

CLERK/TREASURER  
WILLIA B. WRIGHT



COUNCIL MEMBERS

JOHN M. GILMORE  
CLEVELAND GILMORE  
GREGORY KING  
SHERYL PATRICK

## TOWN OF SANTEE

194 Brooks Blvd. • P. O. Box 424  
Santee, SC 29142

Phone 803.854.2152 • Fax 803.854.3233

Website: [www.santeetourism.com](http://www.santeetourism.com)

November 5, 2014

The Honorable Jo-Ellen Darcy  
Assistant Secretary of the Army  
Department of the Army, Civil Works  
108 Army Pentagon  
Washington, DC 20310

Dear Assistant Secretary Darcy:

I write to endorse the Proposal for Modification of the LAKES MARION AND MOULTRIE, SC PROJECT (Lake Marion Regional Water Authority, LMRWA) for inclusion in the U.S. Army Corps of Engineers (USACE) Annual Report to Congress.

The LMRWA was authorized in the Water Resources Development Act of 1992 for wastewater treatment, water treatment, water supply, and water distribution systems in a multi-county, economically-disadvantaged area of South Carolina. It is an integral and key part of a large, regional and strategic infrastructure improvement effort in South Carolina designed to improve significantly the human and environmental conditions in the region and enhance the local, state and national economies through efficient transport and distribution of goods throughout the U.S. This regional project – and its Federal funding – have been made possible by the strong collaboration and cooperation of numerous public and private stakeholders – the U. S. Army Corps of Engineers, Santee Cooper, government and non-government entities, business and industry and many other concerned groups and individual citizens.

To the extent of the current authorization, LMRWA is enhancing the quality of life in a good portion of this decades-long underserved region by providing safe and reliable drinking water; improving other health, environmental and safety conditions; stabilizing water rates; leveraging public and private partnerships; and improving infrastructure to support economic development

The Honorable Jo-Ellen Darcy  
Page 2  
November 5, 2014

and job creation. However, the project is not complete. There still exist many more disadvantaged communities in the region that lack a clean, reliable, sustainable source of water of sufficient volume and pressure to promote good health, protect our environment, support fire suppression and other public safety services, as well as foster economic growth. Furthermore, a comprehensive study was undertaken in 2008 in partnership with the U. S. Economic Development Administration to evaluate numerous intersections along I-26 and I-95 for infrastructure capacity to support job creation. It was determined that this area, despite its close proximity to the Port of Charleston, is likely the most under-developed junction of primary interstate highway in the Eastern United States.

The Proposal for Modification is to bring the LMRWA multi-county water treatment and distribution system project to its fully-intended phasing. This is essential for the health and safety of the region and its citizens, as well as for the stability and future growth of the I-26/I-95 Corridor and the entire State of South Carolina. Infrastructure developments are underway at the Port of Charleston to prepare our state and nation for post-Panamax shipping opportunities, and this LMRWA Project is complementary to that effort.

Thank you for your consideration and support of this critically-needed Modification to bring the LMRWA Project towards completion.

Sincerely,



Donnie L. Hilliard  
Mayor

DLH:wbw

# Additional Proposal Information

(This is as uploaded, a blank page will show if nothing was submitted)

**Conformed and signed PCA Amendment 2.pdf**

AMENDMENT 2  
TO  
PROJECT COOPERATION AGREEMENT  
BETWEEN  
THE DEPARTMENT OF THE ARMY  
AND  
LAKE MARION REGIONAL WATER AGENCY  
FOR  
CONSTRUCTION  
OF THE  
LAKE MARION REGIONAL WATER SYSTEM: CALHOUN, CLARENDON, DORCHESTER,  
ORANGEBURG AND SUMTER COUNTIES, SOUTH CAROLINA

THIS AMENDMENT is entered into this 29<sup>th</sup> day of November, 2011, by and between the Department of the Army (hereinafter the "Government"), represented by the District Engineer, Charleston District, and the Lake Marion Regional Water Agency (hereinafter the "Non-Federal Sponsor"), represented by its Chairperson.

WITNESSETH, THAT:

WHEREAS, the Secretary of the Army is authorized to provide design and construction assistance for water-related environmental infrastructure and resource protection and development projects (hereinafter the "Section 219 Program") pursuant to Section 219 of the Water Resources Development Act of 1992 (Public Law 102-580), as amended;

WHEREAS, the Lake Marion Regional Water System in Calhoun, Clarendon, Dorchester, Orangeburg and Sumter Counties, South Carolina (hereinafter the "Project", as defined in Article I.A. of this Agreement) is authorized by Section 219(f)(25) of the Water Resources Development Act of 1992 (Public Law 102-580), as amended;

WHEREAS, Section 219 of the Water Resources Development Act of 1992 (Public Law 102-580), as amended, specifies the cost-sharing requirements applicable to the Project and provides that the Non-Federal share of total project costs shall not be less than 25 percent;

WHEREAS, the Government and a non-Federal interest entered into an agreement for design of the Project (hereinafter the "Design Agreement"), dated May 11, 2001, as amended, under the terms of which the non-Federal interest contributed 25 percent of the costs for design;

WHEREAS, the Government and the Non-Federal Sponsor entered into a Project Cooperation Agreement for construction of the Project on June 4, 2004 (hereinafter "Agreement");

WHEREAS, the Design Agreement provided for required elevated water storage, and the Government and Non-Federal Sponsor amended the Project Cooperation Agreement on July 15, 2010 to include the Mathews Industrial Park water tower;

WHEREAS, Section 219(f)(25) of the Water Resources Development Act of 1992 (Public Law 102-

580) was amended by Section 126 of the Energy and Water Development Appropriations Act of 2004 (Public Law 108-136), to provide, among other things, for the inclusion of wastewater treatment in authorized water-related environmental infrastructure and resource protection and development;

WHEREAS, the Government and the Non-Federal Sponsor amended the Design Agreement on June 4, 2004 to add wastewater systems to the definition of the term "Project";

WHEREAS, Section 219(f)(25) of the Water Resources Development Act of 1992 (Public Law 102-580), as amended by Section 5128 of the Water Resources Development Act of 2007 (Public Law 110-114), provides that \$60,000,000 in Federal funds is authorized for the Project;

WHEREAS, the Government and Non-Federal Sponsor have the full authority and capability to perform as hereinafter set forth and intend to cooperate in cost-sharing and financing of construction of the Project in accordance with the terms of this Agreement.

NOW, THEREFORE, the Government and the Non-Federal Sponsor agree to amend the Agreement as follows:

A. Article I-Definitions and General Provisions, paragraph A is amended to read:

"A. The term "Project" shall mean the construction of a regional water system, which will utilize the existing storage capacity of Lake Marion as a surface water source to supply potable water to areas that lie within Calhoun, Clarendon, Dorchester, Orangeburg and Sumter counties, South Carolina. The project will include approximately 62 miles of transmission pipeline ranging in size from 12 to 36 inches in diameter and required appurtenances. The project will also include an approximately one million gallon water tower at Matthews Industrial Park, raw and finished water pump stations and a water treatment plant designed to initially supply up to 8 MGD (millions of gallons per day), with the capability of increasing capacity to 12 MGD to meet future system demands. The term "Project" shall also mean the construction of a wastewater system, estimated to include up to 28 miles of collection system pipelines, 8 pumping stations, and a wastewater treatment facility. This wastewater system will serve the Town of Santee and the Town of Elloree. It will also enable Orangeburg County to serve the proposed JAFZA Global Logistics Center (JAFZA park) and the proposed Matthews Industrial Park. The Lake Marion Regional Water System, located in Calhoun, Clarendon, Dorchester, Orangeburg and Sumter counties, will be constructed in accordance with project plans and specifications provided by the Non-Federal Sponsor, and as generally described in the Project Letter Report entitled Lake Marion Regional Water System: Calhoun, Clarendon, Dorchester, Orangeburg and Sumter Counties, South Carolina – Environmental Infrastructure Assistance Program (Lakes Marion and Moultrie, South Carolina), dated December 17, 2003, and revised February 17, 2004, January 2010, June 2010, and June 30, 2011."

B. Article II - Obligations of the Government and the Non-Federal Sponsor, paragraph 3. the first sentence is amended to read as follows:

"As of the effective date of this Agreement, \$54,679,385 of Federal funds have been appropriated for the Project."

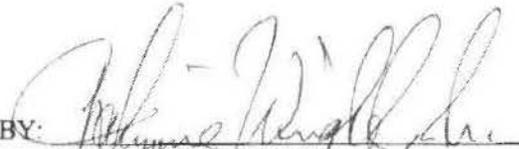
IN WITNESS WHEREOF, the parties hereto have executed this Amendment to the Lake Marion

Regional Water System Project Cooperation Agreement, which shall become effective upon the date it is signed by the District Engineer, Charleston District.

DEPARTMENT OF THE ARMY

LAKE MARION REGIONAL WATER AGENCY

BY:   
EDWARD P. CHAMBERLAYNE, LTC  
Commander, Charleston District  
US Army Corps of Engineers

BY:   
JOHNNIE WRIGHT, Sr.  
Chairperson  
Lake Marion Regional Water Agency

DATE: 29 NOV 11

DATE: 11/28/2011

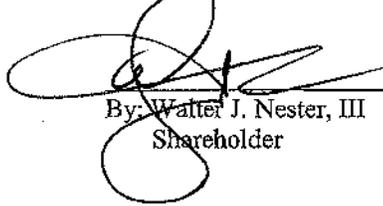
**CERTIFICATE OF AUTHORITY**

---

I, Walter J. Nester, III a shareholder with the McNair Law Firm, P.A., do hereby certify that we are the legal counsel to the Lake Marion Regional Water Agency, that the Lake Marion Regional Water Agency is a legally constituted public body with full authority and legal capability to perform the terms of the Agreement between the Department of the Army and the Lake Marion Regional Water Agency in connection with the Lake Marion Regional Water System, South Carolina, and to pay damages in accordance with the terms of this Agreement, if necessary, in the event of the failure to perform, and that the persons who have executed this Agreement on behalf of the Lake Marion Regional Water Agency have acted within their statutory authority.

IN WITNESS WHEREOF, I have made and executed this certification this 2<sup>nd</sup> day of November, 2011.

McNAIR LAW FIRM, P.A.



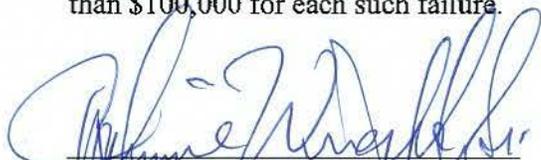
By: Walter J. Nester, III  
Shareholder

CERTIFICATION REGARDING LOBBYING

The undersigned certifies, to the best of his or her knowledge and belief that:

- (1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
- (2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.
- (3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

  
JOHNNIE WRIGHT, Sr.  
Chairperson  
Lake Marion Regional Water Agency

DATE: 11/29/2011

# Lake Marion Regional Water Agency

c/o Santee Cooper, Manager, Water Systems (RWS)  
One Riverwood Drive  
Moncks Corner, SC 29461



## STATEMENT OF FINANCIAL CAPABILITY for the Non-Federal Cost Share of the Lake Marion Regional Water System Project

The following is an updated assessment of the Lake Marion Regional Water Agency (LMRWA) financial capability for the construction of the Lake Marion Regional Water System project.

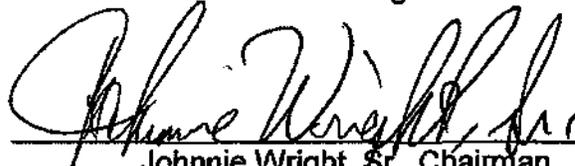
This project consists of an 8 MGD (million gallons per day) water treatment plant, installation of approximately 70.4 miles of water transmission lines, and installation of a wastewater system. The water treatment plant was completed in May 2008. With the completion of the water transmission lines that are currently underway, approximately 18.4 miles of the 70.4 total miles of water transmission lines will be completed. Work on the wastewater system is expected to begin in 2012.

To date, LMRWA has provided \$14,926,933.00 in a timely and efficient manner since design efforts began in FY 2001.

LMRWA is confident that we are capable of providing the funds necessary to contribute the required local share of total project costs when required.

Certified for Lake Marion Regional Water System

By:

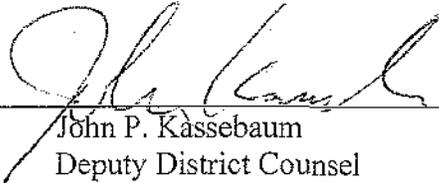
  
Johnnie Wright, Sr., Chairman  
Lake Marion Regional Water Agency

Certified as of November 10, 2011

## CERTIFICATE OF LEGAL REVIEW

The Charleston District Office of Counsel has reviewed (1) the proposed amendment to the PCA between the Department of the Army and the Lake Marion Regional Water Agency to incorporate construction of a wastewater system, (2) the Letter Report regarding Lakes Marion and Moultrie, SC, and (3) the PPA Checklist, and, subject to ongoing compliance with NEPA and other environmental laws and regulations, all are approved as legally sufficient.

Certified: \_\_\_\_\_

  
John P. Kassebaum  
Deputy District Counsel  
Charleston District, USACE

Dated: \_\_\_\_\_

6/30/11

**Date: 30 June 2011**

**PPA CHECKLIST**

**For a PPA Amendment adding a Wastewater System to the Lakes Marion and Moultrie, SC project. Original PCA signed 4 June 2004.**

**I. BASIC INFORMATION:**

a. Name of Authorized Project: **Lakes Marion and Moultrie, SC**

b. Name of Separable Element: **N/A**

c. CWIS Number: **075541 (P2 113262)**

d. Project Report Reviewed by OMB:  Yes  No

Any special conditions imposed by OMB?  Yes  No Describe conditions \_\_\_\_\_

e. Date Chief's Report Transmitted to Congress: **N/A**

f. Authorizing Document:  **N/A**

g. Law/Section/Date of Project Authorization: **Section 219 of WRDA 1992 (P.L. 102-580), as amended**

h. Laws/Sections/Dates of Any Post-Authorization Modification:

**Section 504 of WRDA 1996 (P.L. 104-303)**

**Section 502(b) of WRDA 1999 (P.L. 106-53)**

**CAA FY01:** Consolidated Appropriations Act of Fiscal Year 2001: Section 108(c)(4) amended S219 of WRDA 1992 states: "in subsection (f)(25) by striking "\$5,000,000" and inserting "\$15,000,000".

**E&WDAA FY04:** Section 126 of the Energy and Water Development Appropriations Act of Fiscal Year 2004 states: "Section 126. Lakes Marion and Moultrie, South Carolina. Section 219(f)(25) of the Water Resources Development Act of 1992 (113 Stat. 336; 114 Stat. 2763A-220) is amended—(1) by striking "\$15,000,000" and inserting "\$35,000,000"; and (2) by inserting "wastewater treatment and" before "water supply"

**WRDA 2007:** Section 5128 of P.L. 110-114 states "Section 219(f)(25) of the Water Resources Development Act of 1992 (113 Stat. 336; 114 Stat. 2763A-220; 117 Stat. 1838) is amended by striking "\$35,000,000" and inserting "\$60,000,000".

- i. PPA Covers:  (1) Authorized Project  
 (2) Separable Element  
 (1) or (2) plus (for example Locally Preferred Plan)

j. Construction New Start:  Budgeted  
 Congressional Add

k. Non Federal Sponsor(s): **Lake Marion Regional Water Agency**

l. Project/Separable Element Purpose(s): **Environmental Infrastructure**

m. Scheduled date for execution of the PPA: **8 Jul 2011 for the amendment**

n. Scheduled Advertisement Date: **31 Jan 2012**

o. Scheduled Award Date: **31 Mar 2012**

## II. PROJECT DOCUMENTS:

a. Title/Date/Approving Authority of Project Report Supporting PPA: **Letter Report, Environmental Infrastructure Assistance Program: Lakes Marion and Moultrie, South Carolina (Lake Marion Regional Water System Project)/17 December 2003/Commander, South Atlantic Division, US Army Corps of Engineers, as amended by Letter Report revision, May 2011.**

b. Project Management Plan Approval Date: **17 January 2001**

c. Mitigation Authorized: **No** Cost of Mitigation: **N/A**

Describe Type of Mitigation and Whether Included in Project Report and PPA:  
**N/A**

d. Current M-CACES Estimate: **\$147,910,000.**

Date Prepared and Price Level: **May 2011 at 2011 price level**

e. Section 902 Cost Limit: **NA- not a budgetable project, no inflation factor allowed Fully Funded as of Oct09** Note: **Section 219 Environmental Infrastructure Projects are not supported by the administration budget and do not have an allowance for inflation or a 20% cost increase per Section 902 of WRDA 86. Therefore, the authorized dollar amount cannot be exceeded.**

f. Date of Latest Economic Analysis: **N/A**

g. Current Economics: N/A

**III. COST SHARING SUMMARY:**

**Table 1:**

<b>Federal Share:</b>	<b>\$110,930,000</b>
<b>Non-Federal Share:</b>	<b>\$36,980,000</b>
	<b>Non-Federal Cash: \$33,410,000</b>
	<b>Non-Federal LERRD: \$3,570,000</b>
<b>TOTAL:</b>	<b>\$147,910,000</b>



**Table 2. Lake Marion Regional Water System Project**

Fully Funded Cost Estimate by Fiscal Year (Excludes LKURD Cost. At 2011 price levels. All costs are in millions of dollars.)

Project Feature	Total	Total Fed	Total Non-Fed (Cash)	FY 04-08 Total	FY 04-08 Fed	FY 04-08 Non-Fed (Cash)	FY 09 Total	FY 09 Fed	FY 09 Non-Fed (Cash)	FY 10 Total	FY 10 Fed	FY 10 Non-Fed (Cash)	FY 11 Total	FY 11 Fed	FY 11 Non-Fed (Cash)	FY 12 and Future Years Total	FY 12 and Future Years Fed	FY 12 and Future Years Non-Fed (Cash)
Water Treatment Plant	31.26	23.49	7.77	31.26	23.49	7.77												
Santee Reach	3.81	2.90	0.91				5.81	2.90	0.91									
Flores-Culbren Reach	7.25	5.62	1.62				1.90	0.75	0.25	6.25	4.88	1.37						
Holy Hill Reach	9.43	7.27	2.18				6.00	4.30	1.50	3.43	2.77	0.68						
St. George Reach	16.70	12.53	4.17													16.70	12.53	4.17
Manning Road	22.58	17.01	5.57													22.58	17.01	5.57
East Orangeburg/Dorchester County Reach	14.81	11.11	3.70													14.81	11.11	3.70
Goodyhs Creek Wastewater Plant, Initial Capacity	6.85	5.10	1.75													6.85	5.10	1.75
Goodyhs Creek Wastewater Plant, Expanded Capacity	17.85	13.30	4.46													17.85	13.30	4.46
Goodyhs Creek Wastewater Initial Collection Lines	6.30	6.30	0.00													6.30	6.30	0.00
Goodyhs Creek WW IAFZA Extension	1.05	0.79	0.26													1.05	0.79	0.26
Goodyhs Creek WW US1767-95 Extension	TBD	TBD	TBD													TBD	TBD	TBD
Goodyhs Creek WW Florence Extension	3.68	2.76	0.92													3.68	2.76	0.92
Midlows Industrial Park Water Tower	2.65	2.65	0.00							2.65	2.65	0.00						
<b>TOTAL</b>	<b>144.54</b>	<b>110.93</b>	<b>33.41</b>	<b>31.26</b>	<b>23.49</b>	<b>7.77</b>	<b>10.81</b>	<b>8.15</b>	<b>2.66</b>	<b>12.53</b>	<b>10.30</b>	<b>2.03</b>				<b>89.92</b>	<b>68.99</b>	<b>20.93</b>

**Table 3:**

(Costs in millions of dollars)

Purpose: Environmental Infrastructure	Non- Fed Cash Cost	Non-Fed LERRD Cost	Non-Fed Const. Credit	Total Non-Fed Share (%)	Federal Project Share (%)	Total Project Cost
Total	\$33.53	\$3.41	\$0	\$36.94 (25%)	\$110.81 (75%)	\$147.75

- a. Projected Credit for Section 215 Work and Date 215 Agreement Signed: N/A
- b. Projected Credit for Section 104 or Other Authorized Creditable Work and Date Work Approved by ASA(CW) or Agreement Addressing Work (In-Kind MOU) Signed: N/A
- c. Annual Non-Fed OMRR&R Costs (1 Oct FY \_\_\_\_\_ Price Levels): N/A
- d. Source of Non-Federal Funds: **South Carolina Bond Bill, South Carolina Office of Local Government, Orangeburg County, SC, and Local Contributions**
- e. Source, Amount, & Date of Authorization From Granting Agency for Other Agency Funds (Attach Authorizing Letter) : N/A
- f. Status of Obtaining Funds: **Sponsor has provided funds as needed since 2004 and has budgeted their portion of the work in current and future FY Budgets. USACE has adequate funds in hand to award the wastewater system contracts.**
- g. Date Sponsor signed Self-Certification of Financial Capability for Agreements:  
**2 Nov 2011.**

**IV. FUNDING HISTORY**

- a. Construction, General or MR&T Construction Budget and Appropriations History for Project/Separable Element: **Construction, General**

**Table 4:**

<b>PUBLIC LAW</b>	<b>APPROPRIATION</b>	<b>ALLOCATION (less Congressional recessions and savings and slippage)</b>
Energy and Water Development Appropriations Act, 2001 (P.L. 106-377 signed 27 Oct 2000)	\$4,000,000	\$3,352,000
Energy and Water Development Appropriations Act, 2002 (P.L. 107-66 signed 12 Nov 2001)	\$11,648,000	\$9,786,000
Consolidated Appropriations Resolution, 2003 (P.L. 108-7 signed 20 Feb 2003)	\$1,862,000	\$1,519,000
Energy and Water Development Appropriations Act, 2004 (P.L. 108-137 signed 1 Dec 03)	\$350,000	\$271,000
Consolidated FY2005 Appropriations Bill (P.L. 108-447 signed 8 Dec 04)	\$3,000,000	\$2,665,000
Energy and Water Development Appropriations Act, 2006 (P.L. 109-103 signed 19 Nov 05)	\$6,000,000	\$5,940,000
Net Reprogramming (\$13,510,000 borrowed minus \$9,000,000 payback to date)	\$0	-\$4,510,000
Revised Continuing Appropriations Resolution, FY07 in conjunction with approved FY07 Work Plan (this included \$4,510,000 payback) (P.L. 110-5 dated 15 Feb 07)	\$0	\$6,300,000
Consolidated Appropriations Act, 2008 (P.L. 110-161 dated 26 Dec 07)	\$6,607,000	\$6,607,000
Making further continuing appropriations for FY 2009, and for other purposes (P.L. 111-8 dated 11 Mar 09)	\$10,000,000	\$10,000,000
American Recovery and Reinvestment Act of 2009 (P.L. 111-5 dated 17 Feb 09)	\$7,042,385	\$7,042,385
Energy and Water Development and Related Agencies Appropriations Act, 2010 (P.L. 111-85 dated 28 Oct 09)	\$4,170,000	\$4,170,000
<b>Total</b>	<b>\$54,679,385</b>	<b>\$53,142,385</b>

<b>Remaining Authority from \$60,000,000 authorization</b>	<b>\$6,857,615</b>
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As of 15 Jun 2011

**V. SPECIAL CONDITIONS**

- a. Sub-agreement Required for Sponsor to Perform: \_\_\_ Yes  No Describe the Sub-agreement and How It Relates to the Sponsor's Requirements Under the PPA \_\_\_ N/A
- b. As Applicable, Describe the Allocation of Costs Among the Multiple Sponsors: N/A
- c. As Applicable, Describe Special Cost Sharing IAW Section 103(m) or Section 1156, Public Law 99-662: N/A
- d. List and Provide Cost Estimates For Betterments to be Funded by the Sponsor: N/A

**VI. REVIEW BY NON-FEDERAL SPONSOR AND ITS COUNSEL**

- a. Does the non-Federal sponsor concur in the PPA as submitted?  Yes \_\_\_ No
- b. Has PPA as submitted, including the Certificate of Authority, been reviewed by the non-Federal sponsor's counsel?  Yes \_\_\_ No

**VII. OTHER REQUIREMENTS:**

- a. Attach current Federal/Non-Federal Allocation of Funds Table Using Format Prescribed by Appendix B, ER 1165-2-131. **See Attached.**
- b. Notify Affected Congressional Delegation , Including Senators' Offices , Once the PPA Has Been Approved for Signature. – **The following offices will be contacted once the PPA has been approved for signature: Congressman James Clyburn, Senators Lindsey Graham and Jim DeMint.**

**VIII. CERTIFICATION FOR DELEGATED PPA's: YOU MUST ANSWER "YES" TO ALL OF THE FOLLOWING QUESTIONS TO SIGN THE PPA UNDER DELEGATED AUTHORITY.**

**a. PROJECT PLAN**

Has the Project Report (Item IIa) been approved by ASA(CW) or other official to which authority has been delegated?  Yes \_\_\_ No

If there were conditions associated with the approval, have they been resolved with the organizational level attaching the conditions? N/A

If the project to be described in the PPA deviates from the approved project document plan, was it approved by the approving authority? N/A

**b. FUNDING**

Have funds to initiate construction been appropriated?  Yes \_\_\_ No

If funds were added by Congress has guidance been furnished by HQUSACE regarding the scope of the project to be built and any limiting language to be included in the PPA?  
**Yes**

Does the proposal comply with HQUSACE Congressional add guidance? **N/A**

**c. AUTHORITY**

Is authority adequate to complete the project as proposed? **Yes.**

Is the project (GNF cost plus LERRD for navigation projects) cost estimate to be entered into the PPA less than the Section 902 limit (for projects authorized by WRDA 1986 and thereafter)? **N/A**

**d. ENVIRONMENTAL COMPLIANCE**

Have all applicable environmental requirements been met and clearances received?  
 Yes \_\_\_ No

Dates of Environmental Compliance:

Original FONSI Signed 12 Feb 2004 EIS Filed N/A ROD Signed N/A

**FONSI specific to this PPA amendment was signed on 30 June 2011.**

ESA Sec. 7 Concluded 5 April 2004.

**As documented in the March 2011 EA, the Goodbys Creek Wastewater System has no impact to endangered species.**

CZM Consistency Determination 11 Sep 2003.

**The Goodbys Creek Wastewater System is not in the coastal zone; therefore, CZM is not applicable.**

401 Certification Initial 2 May 1995 Addendum 21 March 1996 or 404(r) N/A  
404(b) (1) 26 Aug 2003

**The Goodbys Creek Wastewater System project will have impacts to wetlands; therefore 401 certification and 404(b)(1) are applicable.**

Sec 103 MPRSA Eval: N/A

Sec 106 NHPA (SHPO and/or ACHP) 30 Dec 2002

Clean Air Act: N/A

Have the costs of compliance with the above clearances been adequately defined and included in the project cost estimate to ensure the 902 cost cap is not exceeded and that the sponsor is not required to provide unexpected funds? N/A- see part II.e. explanation, i.e., that Section 219 projects do not have an allowance to exceed specific authorized amount.

e. **FINANCING PLAN**

Has the Project Manager certified that the sponsor has the funds to share in the project costs as required by the PPA? Yes -Adequate funds currently in hand at USACE to award Goodbys Creek Wastewater System contract.

f. **PPA**

Is there an approved model PPA for this type project? X Yes \_\_\_ No

Is the PPA in accordance with the approved model PPA for this type project? X Yes \_\_\_ No \_\_\_ N/A

g. **DISTRICT COUNSEL REVIEW OF PPA**

Has the District Counsel reviewed and approved the draft PPA for legal sufficiency? X Yes (Certification included in PPA package submittal) \_\_\_ No

**IX. PPA NOT DELEGATED FOR APPROVAL: PPA MUST BE SUBMITTED TO HQUSACE FOR ASA(CW) APPROVAL WHEN THERE ARE DEVIATIONS FROM THE MODEL PPA OR THE FOLLOWING APPLY:**

a. If the PPA includes any deviation from the approved model, describe and provide the rationale. N/A

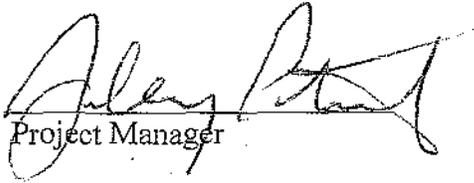
b. If the PPA includes any deviation from the approved Project Report, describe them and the reasons why. N/A

c. If there are issues/controversies that must be resolved to enable the PPA to be signed, describe how and when they will be resolved. N/A

d. If the project is a Congressional add and the PPA covers more than the limit of Federal

appropriations, describe why and how this can be recommended. As with the original PCA, full project implementation is pending future increases in the authorized project amount (currently \$60 million) and appropriations. Separate construction contracts for specific project features will be awarded based on availability of funds.

**X. AUTHENTICATION:**

  
Project Manager

Date: 6/28/11

  
Lead Counsel

Date: 6/29/11

*Deputy District*  
  
DDE (PM)

Date: 30 Jun 11

  
District Commander

Date: 1 Jul 11

17 December 2003  
*(Revised 17 Feb 04)*  
*(Revised January 2010)*  
*(Addendum June 2010)*  
*(Revised 25 Aug 2011)*

## **PROJECT LETTER REPORT**

### **LAKE MARION REGIONAL WATER SYSTEM: CALHOUN, CLARENDON, DORCHESTER, ORANGEBURG AND SUMTER COUNTIES, SOUTH CAROLINA**

### **ENVIRONMENTAL INFRASTRUCTURE ASSISTANCE PROGRAM (LAKES MARION AND MOULTRIE, SOUTH CAROLINA)**

#### **1. PURPOSE**

This letter report was prepared in accordance with guidance issued by CECW-PD in a Memorandum for Major Subordinate Commanders, dated 12 Dec 2001 (Subject: Implementation of Projects Under Section 219 of the WRDA 1992, as Amended). This report serves as the decision document for project implementation and supports the Project Partnership Agreement. It describes the proposed infrastructure assistance and the non-Federal infrastructure project it supports; identifies the non-Federal Sponsor; addresses the implementation responsibilities of the parties; addresses the financial capability of the non-Federal sponsor to meet the cost sharing requirements; describes the status of environmental compliance; and presents information on the cost (including LERRD value) of the environmental infrastructure assistance. In accordance with reference guidance memorandum, the Division Commander has the approval authority for Section 219 project letter reports and may delegate this authority to the District Commander.

#### **2. SPONSOR**

The Lake Marion Regional Water Agency (LMRWA) will serve as the non-Federal Sponsor for construction of the Lake Marion Regional Water System Project located in Calhoun, Clarendon, Dorchester, Orangeburg and Sumter counties, South Carolina.

Background: In the mid 1990's, a consortium of county officials and industry leaders came together and developed a plan to provide clean potable water to the central portion of South Carolina, near the I-26/I-95 corridor area. Subsequently, a steering committee was established and LMRWA was formed. The agency is a fully constituted public body, which was issued a certificate of incorporation as a public body corporate and politic under the Joint Municipal Water Systems Act by the Secretary of State (South Carolina) on 16 April 1998. By the aforementioned Act, the LMRWA was comprised of a named representative from the towns of Elloree, Holly Hill, Manning, Santee, St. George and

Summerton, and each of the following five counties: Calhoun, Clarendon, Dorchester, Orangeburg and Sumter counties. With respect to the formal admission of Berkeley County to the LMRWA, the South Carolina Secretary of State issued an Amended Certificate of Incorporation for the Lake Marion Regional Water Agency, dated September 6, 2006, by which the Secretary certified the membership of Berkeley County. By that same Amended Certificate of Incorporation, the Secretary certified the membership of the City of Sumter, the Town of Harleyville, and the Town of Turbeville. These counties and municipalities are primarily contained within South Carolina's sixth Congressional District, represented by James E. Clyburn. This project continues to receive strong Congressional support.

The Corps of Engineers became involved with this project late in the process. When the Corps received an initial appropriation in FY 01, Santee Cooper (South Carolina Public Service Utility), serving as the agency's technical advisor, was already well underway with design contracts with two private engineering consultants. Since the Corps' authority was to provide planning, engineering, design, and construction assistance, the Corps executed a Design Agreement, and then executed an amendment to the Design Agreement, which would allow the Corps to accept donated goods and services (the design) for the project.

Generally, the Corps' responsibilities include: preparation of environmental documents, real estate certification, design review, value engineering studies and construction contract procurement, administration and oversight.

### **3. FINANCIAL CAPABILITY OF SPONSOR**

LMRWA secured \$11.81 million from various non-Federal sources including:

- South Carolina Bond Bill - \$2.83 M
- Orangeburg County - \$7.26 M
- Office of Local Government - \$1.00 M
- Local Contributions - \$0.72 M

LMRWA has demonstrated that they are financially capable and willing to serve as the non-Federal Sponsor. Santee Cooper has agreed to operate and maintain the project once it is turned over to the agency. The Lake Marion Regional Water Agency is a South Carolina corporation, formed under the Joint Municipal Water Systems Act, with all the powers and privileges thereunder, specifically articulated in S.C. Code section 6-25-100.

Tables 4 and 5 of this report show that the Non-Federal Sponsor's cash cost share is **\$33,530,000**. The Non-Federal Sponsor has provided cash to the Corps and therefore has provided all funds needed to match the Federal cost share for the projects elements that have been awarded.

### **4. PROJECT DESCRIPTION**

This project was authorized by Section 219 of the Water Resources Development Act (WRDA) of 1992 (Public Law 102-580), Environmental Infrastructure, as amended (see Table 1). Section 219 authorizes the Secretary of the Army to provide assistance to non-Federal interests for carrying out water-related environmental infrastructure and resource protection and development projects including wastewater treatment and related facilities and water supply, storage, treatment, and distribution facilities. The authorization specifies that not less than 25 percent non-Federal cost share is required for all assistance in the form of cash and credit for lands, easements, rights of way, relocations and disposal areas (LERRD). Furthermore, no work-in-kind is authorized under Section 219 except where specifically authorized. Tables 1 and 2 provide the history of the project's authorizations and appropriations, respectively. It should be noted that the LMRWA submitted a request to Congress in January 2011 to raise the authorization from \$60M to \$100M but no action on this request has been taken by Congress as of this date.

<b>Table 1. LAKES MARION &amp; MOULTRIE, SOUTH CAROLINA</b> (aka Lake Marion Regional Water Supply) <b>HISTORY OF AUTHORIZATION</b>		
<b>Public Law</b>	<b>Section Number</b>	<b>Remarks</b>
WRDA 92 (P.L. 102-580)	Section 219 - Environmental Infrastructure – <u>original</u> authority for the Corps to provide assistance to non-Federal interests for carrying out water-related environmental infrastructure and resource protection and development projects including waste water treatment and related facilities and water supply, storage, treatment, and distribution facilities.	1. Technical and planning and design assistance only 2. Cost sharing 75/25
WRDA 96 (P.L. 104-303)	Section 504 – amended WRDA 92 to add construction assistance under Section 219 (e)	1. Added construction assistance in addition to technical and planning and design assistance
WRDA 99 (P.L. 106-53)	Section 502(b) – amended WRDA 92 to add construction assistance under Section 219 (f)(25) <u>specifically</u> for this project and also authority. Specific wording “\$5,000,000 for water supply treatment and distribution projects in the counties of Calhoun, Clarendon, Colleton, Dorchester, Orangeburg, and Sumter, SC”.	1. Added construction assistance for Lakes Marion and Moultrie, SC 2. Authority for \$5,000,000 for Lakes Marion and Moultrie, SC
Consolidated Appropriations Act, FY 2001 (P.L. 106-554)	Section 108 (C)(4) – amended WRDA 92 under Section 219 subsection (f)(25)	1. Increased <u>authority</u> from \$5,000,000 to \$15,000,000 for Lakes Marion and Moultrie, SC
Energy and Water Development Appropriations Act, FY 2004 (P.L. 108-137)	Section 126 – amended WRDA 92 under Section 219 subsection (f)(25)  New authority now reads “\$35,000,000 for wastewater treatment and water supply	1. Increased <u>authority</u> from \$15,000,000 to \$35,000,000 for Lakes Marion and Moultrie, SC 2. Inserted “wastewater treatment and” before “water

	treatment and distribution projects in the counties of Calhoun, Clarendon, Colleton, Dorchester, Orangeburg, and Sumter, SC <sup>7</sup> .	supply <sup>7</sup> .
WRDA 2007 (PL 110-114)	Section 5128 - amended WRDA 92 under Section 219 subsection (f)(25)	1. Increased authority from \$35,000,000 to \$60,000,000.

**Table 2. LAKES MARION & MOULTRIE, SOUTH CAROLINA**  
(aka Lake Marion Regional Water Supply)  
**HISTORY OF APPROPRIATIONS/ALLOCATIONS**

<b>PUBLIC LAW</b>	<b>APPROPRIATION</b>	<b>ALLOCATION (LESS CONGRESSIONAL RECESSIONS AND SAVINGS AND SLIPPAGE)</b>
Energy and Water Development Appropriations Act, 2001 (P.L. 106-377 signed 27 Oct 2000)	\$4,000,000	\$3,352,000
Energy and Water Development Appropriations Act, 2002 (P.L. 107-66 signed 12 Nov 2001)	\$11,648,000	\$9,786,000
Consolidated Appropriations Resolution, 2003 (P.L. 108-7 signed 20 Feb 2003)	\$1,862,000	\$1,519,000
Energy and Water Development Appropriations Act, 2004 (P.L. 108-137 signed 1 Dec 03)	\$350,000	\$271,000
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Energy and Water Development Appropriations Act, 2006 (P.L. 109-103 signed 19 Nov 05)	\$6,000,000	\$5,940,000
Net Reprogramming (\$13,510,000 borrowed minus \$9,000,000 payback to date)	\$0	-\$4,510,000
Revised Continuing Appropriations Resolution, FY07 in conjunction with approved FY07 Work Plan (this included \$4,510,000 payback) (P.L. 110-5 dated 15 Feb 07)	\$0	\$6,300,000
Consolidated Appropriations Act, 2008 (P.L. 110-161 dated 26 Dec 07)	\$6,607,000	\$6,607,000
Making further continuing appropriations for FY 2009, and for other purposes (P.L. 111-8 dated 11 Mar 09)	\$10,000,000	\$10,000,000
American Recovery and Reinvestment Act of 2009 (P.L. 111-5 dated 17 Feb 09)	\$7,042,385	\$7,042,385
Energy and Water Development and Related Agencies Appropriations Act, 2010 (P.L. 111-85 dated 28 Oct 09)	\$4,170,000	\$4,170,000
<b>Total</b>	<b>\$54,679,385</b>	<b>\$53,142,385</b>

Remaining Authority from \$60,000,000 authorization as of 15 June 2011	<b>\$6,857,615</b>
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Project Purpose: The primary goal of the Lake Marion Regional Water Agency (LMRWA) is to provide a reliable source of high-quality potable water to satisfy the immediate and future water supply needs for a large portion of five counties and eleven municipalities located in central South Carolina along the I-26 and I-95 corridors in the proximity of Lake Marion (see Fig. 1). Currently, the region depends primarily on groundwater for its source of municipal and industrial water supply. Recent studies have raised concerns about the quality and depletion of the groundwater supply and have addressed the need for a regional water system. In addition, a safe and reliable method of treating wastewater in the region is needed to allow for future growth and development in the industrial sector as well as to meet the needs of the residents of the region.

Project Description: The proposed project, which utilizes the storage capacity of Lake Marion as the centralized water source for a regional water system, includes construction of an 8 MGD (million gallon per day) drinking water treatment plant and the installation of approximately 62 miles of water transmission pipeline (includes eight separate reaches), which is projected to serve a population of over 155,000 by the year 2025. The pipeline will follow existing power line, railroad, and highway rights-of-way. The reach north of Lake Marion will serve the town of Summerton and the city of Manning with potential for future expansion into Sumter County and other parts of Clarendon County. The six reaches south of Lake Marion will serve the towns of St. George, Elloree, Santee, and Holly Hill with potential for future expansion into Calhoun County and other parts of Orangeburg and Dorchester counties. The water treatment plant is located on a 26-acre site adjacent to the Bluffs Subdivision near the town of Santee (see Fig. 2).

The project will also be comprised of a wastewater treatment component consisting of a wastewater treatment facility located in Orangeburg County with the associated wastewater collection lines. This facility will provide service to developing industrial components located in the Matthews Industrial Park and at the proposed Jebel Ali Free Zone Authority (JAFZA) International logistics/distribution center near Santee SC (JAFZA Park). In addition, the facility will provide additional wastewater treatment capacity to the towns of Elloree and Santee which are near the rated capacity of their existing systems, and to the area near US176 and I95.

The project design is being performed by the Sponsor and reviewed by the Corps under an existing Design Agreement. Upon project approval, commitment of Federal and non-Federal funds and PPA execution, multiple construction contracts for this project will be advertised and awarded by the Corps. Construction of the water treatment plant was the first scheduled contract award. Subsequent construction of the six pipeline reaches is subject to appropriation of Federal funds.

To facilitate construction, take advantage of the current favorable bidding environment and for annual budgetary purposes, the project has been broken into the following features.

Water Treatment Plant: The water treatment facility is capable of providing an initial firm peak capacity of 8 million gallons per day (MGD). This facility has been installed with the capability of adding additional filter membranes to increase this firm peak capacity to 12 MGD when system demands warrant the increase. The treatment process incorporated is enhanced coagulation followed by ultra filtration membranes and granular activated carbon contactors. The facility is capable of intermittent and remote operation by the existing Santee Cooper operating staff from the Lake Moultrie regional water system in order to meet the operational and maintenance requirements necessary to create a viable project.

Santee Reach: This reach includes approximately 13,520 feet of water transmission pipeline (30 and 36-inch diameter), which transmits water to the town of Santee and areas within Orangeburg County. The pipeline is installed from the water treatment plant to the elevated water storage tank at the intersection of I-95 and Hwy 301.

Elloree-Calhoun Reach: This reach includes approximately 58,000 feet of water transmission pipeline (12 and 18-inch diameter) from the intersection of I-95/Hwy-301 proceeding northwest along the Santee Cooper power line right-of-way to the town of Elloree and into Calhoun County.

Holly Hill Reach Phase I: The reach includes approximately 49,140 feet of water transmission pipeline (16 and 20-inch diameter) along the SCE&G right-of-way and Hwy 15/176 from the town of Santee to Wells Crossroads (The intersection of US Highway 176 and State Road 45). This reach includes approximately 6,200 feet of waterline beyond the master meter in order to properly deliver Lake Marion water to Holly Hill's present water distribution system.

East Orangeburg/Dorchester Reach (Holly Hill Reach, Phase II): The reach includes approximately 85,536 feet of water transmission pipeline (16 and 20-inch diameter) starting at Wells Crossroads, extends through the town of Holly Hill and branches off to terminate in both the Town of Harleyville and the Orangeburg County-Berkeley County Line. The sponsors have also indicated a desire to extend this reach into adjacent Berkeley County; however, Congress did not include Berkeley County in project authorization, so this extension cannot be constructed by the Army Corps of Engineers without additional authorization. The LMRWA has submitted a request to Congress for the authorization of this reach.

St. George Reach: This reach includes approximately 91,000 feet of water transmission pipeline (12, 16 and 18-inch diameter) running south along the SCE&G right-of-way from the Holly Hill Reach to the town of St. George. The waterline connects to the town's system at Hwy 78. This reach includes approximately 12,000 feet of waterline beyond the master meter in order to properly deliver Lake Marion water to the town of St. George's present water distribution system. The sponsors are reviewing this reach to

determine its necessity. This determination is dependent on separate infrastructure improvements that are not part of this project.

Summerton / Manning Reach: This reach includes approximately 108,200 feet of water transmission pipeline (16, 24 and 30-inch diameter) from the town of Santee north to the city of Manning. The reach crosses Lake Marion following the I-95 and Hwy 301 corridor. This reach includes approximately 19,000 feet of waterline beyond the master meter in order to properly deliver Lake Marion water to Summerton's and Manning's present water distribution system.

Goodbys Creek Wastewater Treatment Facility: The 2004 Energy and Water Development Appropriations Act (P.L. 108-137) authorized the Corps to participate in the construction of future "wastewater treatment" facilities for this project. The sponsor has developed a design package for the construction of a wastewater treatment facility near Goodbys Creek in Orangeburg County to serve the Matthews Industrial Park, the location of an inland port facility being developed by JAFZA, anticipated residential development in unincorporated areas proximate to the Lake Marion vicinity of Calhoun County, anticipated commercial developments near the intersections of I95 and US 15 and I95 and US 176, respectively, and future wastewater needs for the Towns of Santee and Elloree (See Figure 5). The proposed project consists of the following segments; a wastewater treatment plant constructed adjacent to Goodbys Creek near the intersection of U.S. Highway 301 and US Highway 176, wastewater lines that will follow along US 301, paralleling existing water pipelines, along Woolbright Road from US 301 to the WWTP, along US 176 from the proposed WWTP to Exit 90 on I-95, from US 176 to US 15 across Providence Swamp to Exit 93 off of I-95, and along Tee Vee Road (SC Highway 276) past the Town of Elloree to Little Poplar Creek on to the Calhoun County Line. The new wastewater treatment facility will be installed in phases. The initial phase will include a small capacity plant to serve the needs of the Town of Santee. Subsequent phases will expand the facility to handle increased loading as the customer base increases. The new wastewater line collection system will also be constructed in phases as described below.

Goodbys Creek Wastewater Collection System: In addition to the proposed wastewater treatment plant, the proposed project also includes 31 miles of new collection system that services the JAFZA park, the Towns of Santee and Elloree, and portions of Calhoun County. The proposed collection system is broken down into three phases:

Initial Collection Phase: The initial collection system for the proposed new wastewater treatment plant extends from proposed new wastewater treatment plant down Woodbright Road to Way Road; from Way Road to its intersection with US Highway 301; and paralleling US Highway 301 to its intersection with US Highway 15. Approximate length of the proposed line is 48,183 linear feet, with two pump stations and 29 manholes incorporated in the phase (See Figure 3).

JAFZA Park Extension: The second phase of this project segment is the extension of the wastewater collection system to service the JAFZA Park. This

will include the construction of 9,000 linear feet of 12” force main along US Highway 301 from the JAFZA park near Santee SC to the intersection of US Highway 301 and US Highway 15. This portion of the project has not yet entered the design phase as finalized pump station and route location has not been determined (See Figure 4).

Highway 176 to I 95 Intersections Extension: This phase of the project includes the extension of wastewater lines from wastewater treatment plant down US Highway 176 to Interstate 95 at Exit 90. Another section of this phase would run from US Highway 176 along US 210 to US 15 and terminate at the I 95 at Exit 93. This phase comprises approximately 49,500 linear feet of wastewater line and two proposed pump stations (See Figure 3).

Town of Ellore Wastewater Extension: The final reach of this project extend the wastewater collection service to the areas around the Town of Ellore and portions of Calhoun County. While this phase has not been designed, it will probably include two pump stations and anywhere between 11,000 and 40,000 lf of wastewater line along Highway 6 and Tee Vee Road (See Figure 4).

Matthews Industrial Park Water Tower: The Matthews Industrial Park Water Tower will be a composite tank with a capacity of approximately one million gallons (MG). This tower will connect to the existing 12-inch water main along US 301 completed by the sponsor (See Figure 5).

Other Construction Features Not Part of the “Corps Project”: The sponsor has plans to advertise and award separate construction contracts to install a reach of waterline along US Highway 301. In addition, two storage tanks have been constructed with Federal grant funds provided by EPA. Although these separable features are part of the overall water system, they are not included in the scope of the “Corps’ project.”

These other construction features not part of the “Corps Project” include the installation of water transmission lines on US Highway 301 between the Town of Santee and the City of Orangeburg, the installation of an elevated tank off of I-26 to serve an industrial park and the installation of an elevated storage tank along I-95 that will provide the hydraulics for the system. This represents:

- Approximately 99,200 feet of 12” water main
- Approximately 7,300 feet of water main to be designed but not constructed
- A 1 million gallon (MG) elevated storage tank

The elevated storage tanks are essential to providing the necessary pressure for fire protection to the existing residents along US Highway 301 as well as proposed industrial sites off US Highway 301. The 12” water main will extend along Big Buck Boulevard at I-26 to US Highway 301 then along US Highway 301 to the intersection of I-95, as well as along US Highway 176 adjacent to the new US highway 301/US Highway 176 industrial site. The 12” water line into the proposed industrial site at the intersection of

US highway 301 and US Highway 176 will be designed although it will not be implemented at this time. A 12" water main will also be extended along SC Highway 36 to I-26. The South Carolina Dept. of Transportation currently maintains the rights-of-way along these highways.

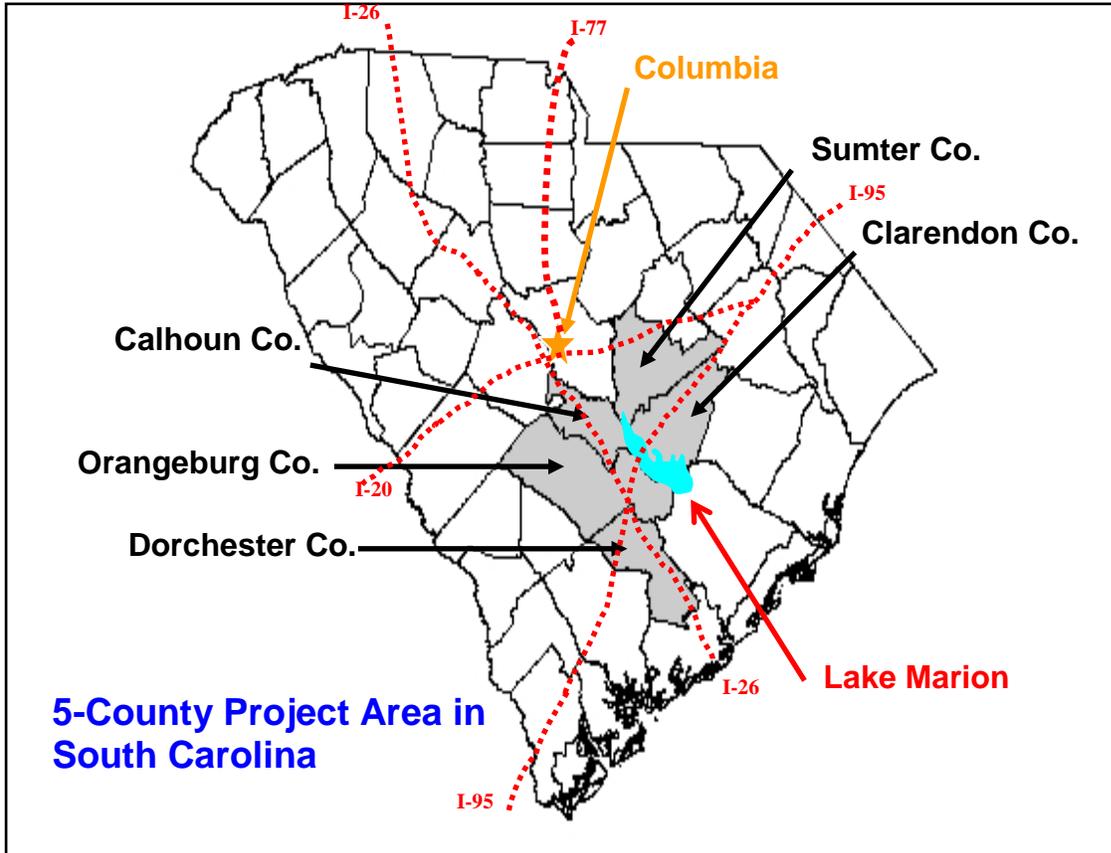
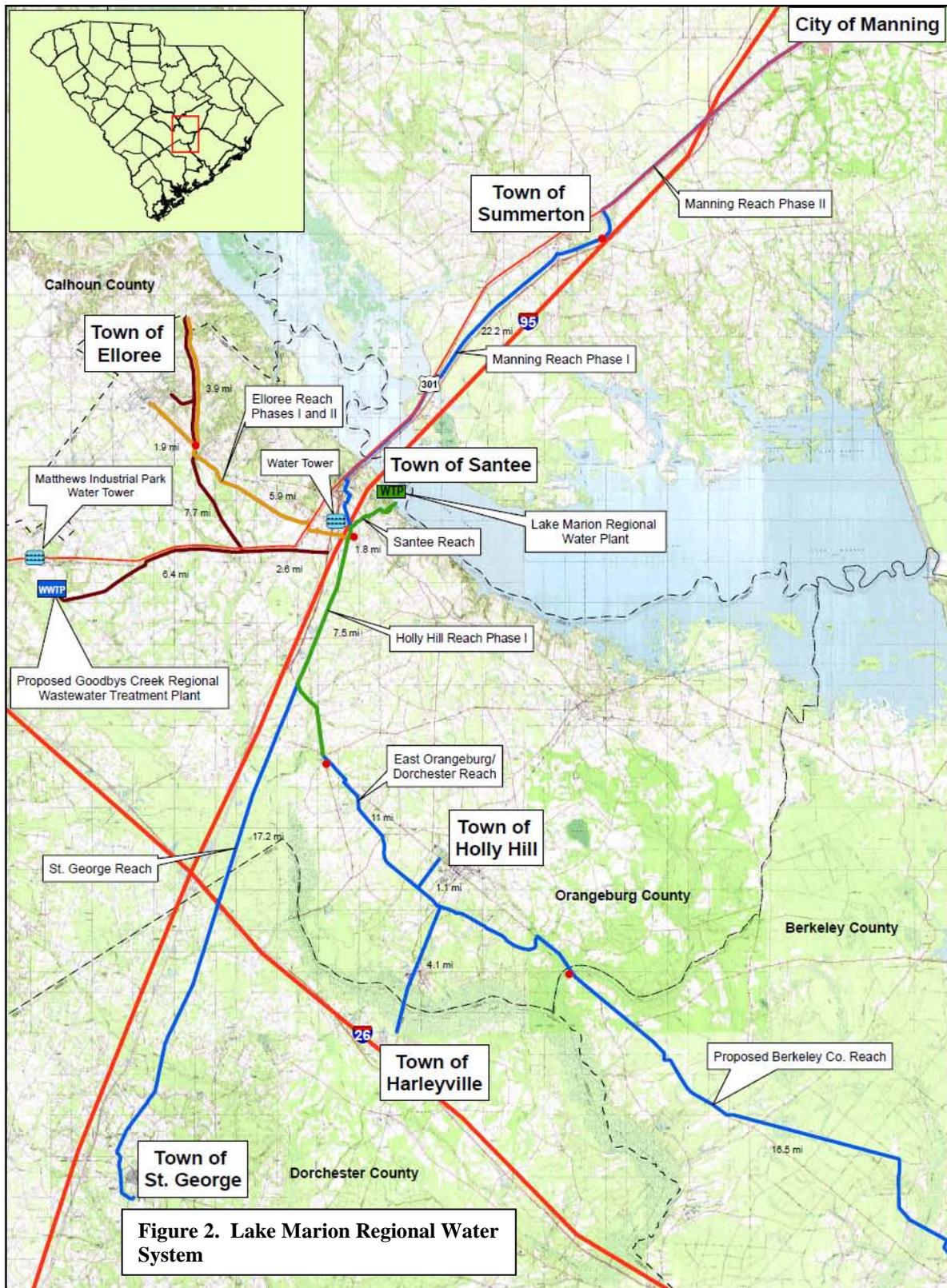


Figure 1. Project Area



- Water Lines**
- Completed
  - Under construction
  - Not yet started
  - Limit of reach
- Sewer Lines**
- 

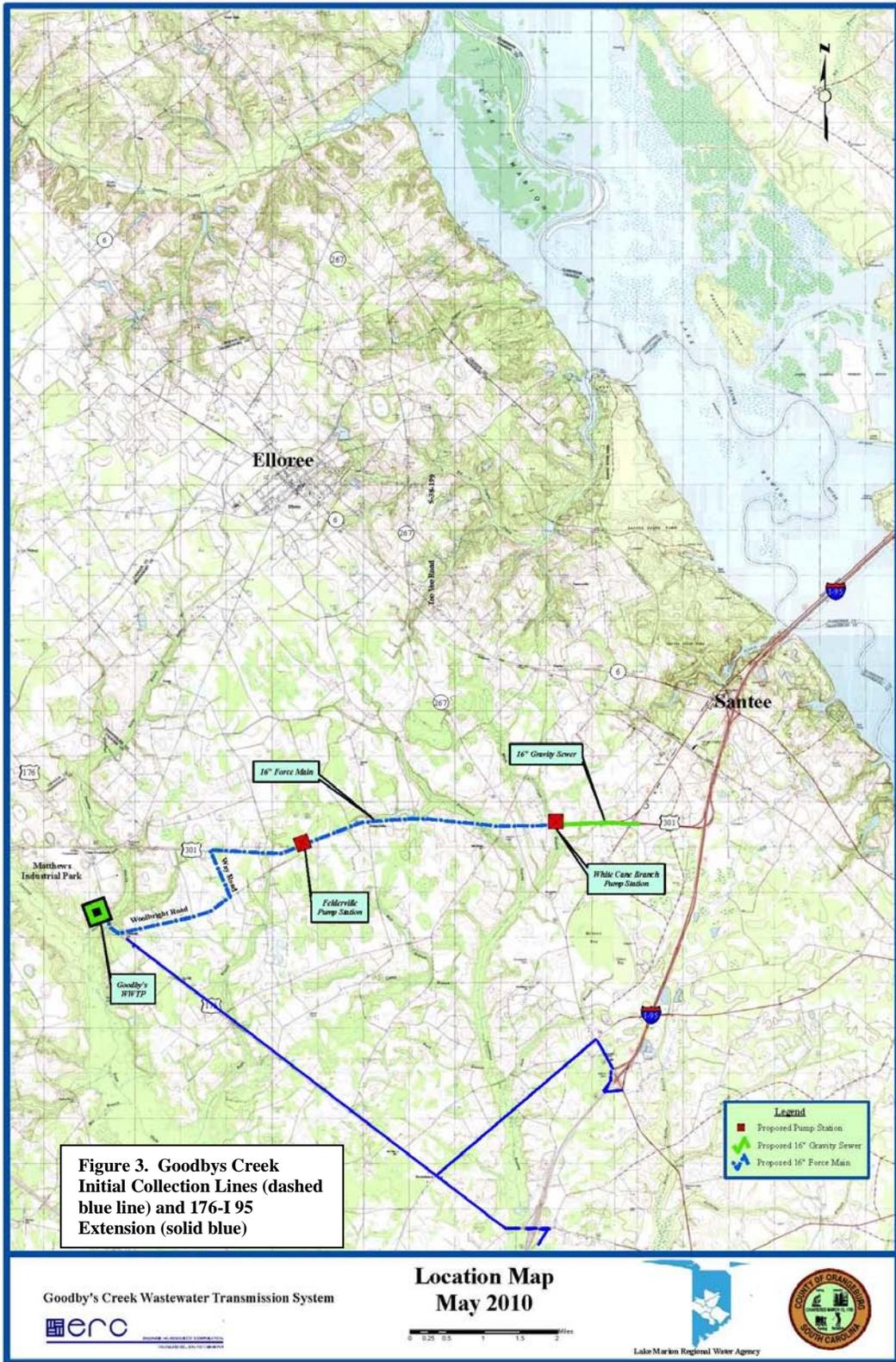
**LAKE MARION REGIONAL WATER SYSTEM**

Progress as of January 2011



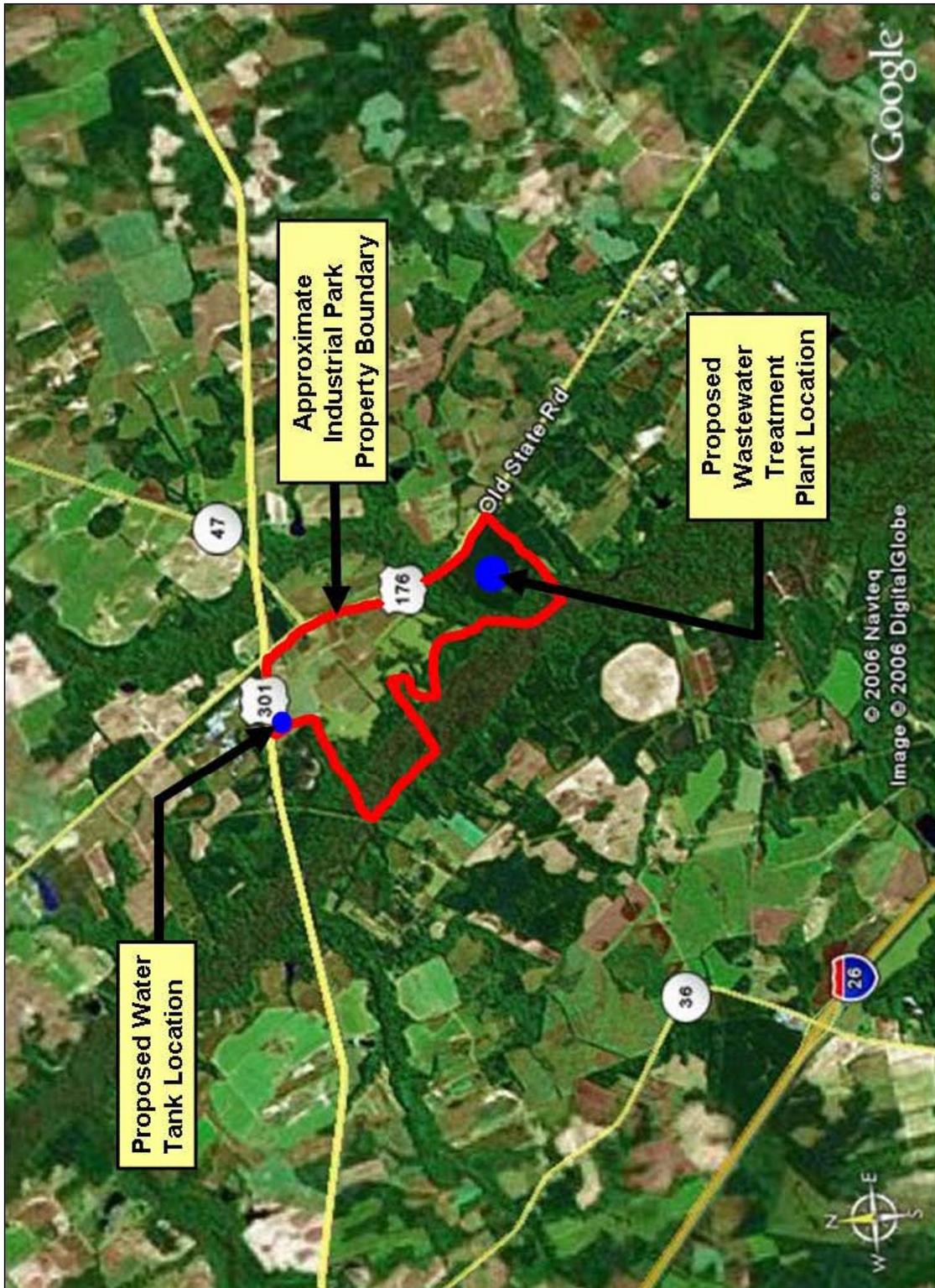
US Army Corps of Engineers







**Figure 4. Goodbys Creek JAZFA and Ellore Extensions**



**Figure 5. Location of the Proposed Goodbys Creek Wastewater Treatment Plant and Matthews Industrial Park Water Tower**

## 5. ENVIRONMENTAL COMPLIANCE

The requirements of the National Environmental Policy Act (NEPA) have been addressed to insure that no adverse impacts to the environment will occur from the proposed action. Environmental resource considerations and criteria addressed include wetlands, fish and wildlife habitat, socio-economic resources and aesthetics. The assessment of biological resources indicates that approximately 30 acres of wetlands contained within the rights-of-way of the proposed pipeline will be disturbed during construction. However all wetland impacts will be temporary, requiring that impacted areas be returned to previous undisturbed conditions. With the exception of the Lake Marion crossing, where approximately 4100 linear feet of pipeline will rest on the bottom of the lake, and the water intake structure, all construction in wetland areas will be in compliance with U.S. Army Corps of Engineers Nationwide Permit Number 12.

At this time, there are no known unresolved or controversial issues associated with the proposed project, which has been coordinated with U.S. Environmental Protection Agency, U.S. Fish and Wildlife Service, National Oceanographic and Atmospheric Administration- National Marine Fisheries Service and the U.S. Army Corps of Engineers. The proposed project was found to be in compliance with the following environmental laws and regulations: 404(b)(1) of the Clean Water Act of 1977, as amended; Executive Order 11990 (Protection of Wetlands); Executive Order 11988 (Floodplain Management); Farmland Protection Act; Safe Drinking Water Act; Requirements of Section 7 of the Endangered Species Act of 1973, as amended; and the National Historic Preservation Act of 1966, as amended.

The Corps is providing environmental compliance oversight to include development of an EA (Environmental Assessment) and FONSI (Finding of No Significant Impact). Because the sponsor is using EPA grant funds to design the "Corps Project", the Corps and USDA-NRCS have agreed to jointly issue the EA/FONSI for public review.

The proposed project area is located in the southern part of the Atlantic coastal plain and is characterized by meandering rivers, streams, wetlands, and ellipsoidal topographic depressions. The area is mostly rural agricultural or forest with areas of higher population densities located surrounding the towns and cities in the area. The topography throughout the proposed project is generally level, with the highest elevation being about 400 feet above mean sea level. The average annual maximum temperature is 76° F and the average annual minimum temperature is 52°F and rainfall averages 48 inches annually, with the heaviest occurring in the late summer and early fall months. The prevailing winds are predominantly from the southeast however the prevailing winds in autumn are northeast. The surface waters in the project area include freshwaters located in the southern portion of the Pee Dee, the central portion of the Catawba-Santee, and central/southern portion of Edisto watersheds.

Some of the more common mammals frequenting the area include the white-tailed deer, fox, mink, muskrat, opossum, and the otter. Other possible mammals include the rabbit, raccoon, skunk, gray squirrel and American beaver. The common fish species in Lake

Marion and/or creek areas include channel catfish, largemouth bass, striped bass, American shad, blueback herring, pumpkinseed sunfish, redbreast sunfish, redbfin pickerel, and white sucker. Other fish species include minnows, shiners, chubs, and carp. The birds and waterfowl likely found in the area are the great blue heron, the Canada goose, wood duck, mallard duck, mourning dove, wild turkey, wintering loons, red-tailed hawk, and Cooper's hawk. Other birds included a variety of warblers, songbirds, and other neotropical migratory birds. The various reptiles and amphibians that can be found include the American toad, Fowler's toad, bullfrog, southern leopard frog, green anole, five-lined skink, common snapping turtle, eastern box turtle, and the eastern painted turtle. Other reptiles include the rat snake, black racer, and the common garter snake. The plants most likely to be found in the area include the bald cypress, pond pine, longleaf pine, loblolly pine, swamp cottonwood, yellow poplar, water tupelo, and the sweet gum. Under story plants include broomsedge bluestem, giant cane, rabbit tobacco, ferns, honeysuckle, and various other annuals and perennials.

Charleston District completed an Environmental Assessment/Finding of No Significant Impact (EA/FONSI) for the proposed wastewater treatment plant in January 2007. After this EA was completed and FONSI signed, the sponsors proposed expanding the size of the wastewater plant and increasing the areas it served. A new EA was completed and sent out for public comment in 2009. Prior to signing the FONSI for this EA, the sponsors proposed further additional areas to be served by the wastewater treatment system. As a result an update to the EA/FONSI was conducted jointly by the Charleston District and the US Department of Agriculture which included the areas affected by the Goodbys Creek wastewater collection and treatment systems. The signed June 2011 EA/FONSI is attached. As documented in the June 2011 EA, the Goodbys Creek Wastewater System has no impact to cultural resources. Cultural resources studies were conducted on various parts of the project in August 2008, September 2008, and November 2009. SHPO concurrence was received on March 31, 2011 and May 16, 2011.

## **6. REAL ESTATE**

There are approximately 317 parcels that will be affected by the waterline. The waterline will service five counties, all of which are located in South Carolina. They are as follows: Calhoun, Clarendon, Dorchester, Orangeburg, and Sumter County. The water treatment plant site is located on the southern side of Lake Marion, just east of Santee. It is approximately 26 acres in size and has been acquired by the Project Sponsor (PS) in Fee Simple. The estate that the PS is using to acquire the easements is the standard Pipeline Easement. Any work areas needed are being acquired using the standard Temporary Work Area Easement.

The Project Sponsor (PS) has begun real estate acquisition of these properties. Santee Cooper, South Carolina Public Service Authority is acquiring all real estate on behalf of the PS, Lake Marion Regional Water Agency. It has been determined by the Savannah District that they have full capability in acquiring all real estate including condemnation authority. There are no PL 91-646 relocations needed for this project. Savannah District Real Estate has advised the PS of the risks associated with acquiring real estate prior to

the signing of the PPA; however the PS decided to take the risk and begin acquisition. The sponsor will receive credit against their share of the project costs for all Lands, Easements, Rights-of-Way and Relocations and Disposal/Borrow Areas (LERRD's). Table 3 below is the original estimated LERRD's cost prior to the addition of the Matthews Industrial Park Water Tower, Goodbys Creek Wastewater Plant, and Goodbys Creek Wastewater Collection Lines.

	FEDERAL COST	NON-FEDERAL COST	TOTAL COST
<b>LANDS AND DAMAGES</b>			
Acq/Review of PS	\$ 126,800.00	\$	\$ 126,800.00
Acquisition by PS	\$	\$ 824,200.00	\$ 824,200.00
Contingencies (25%)	\$ 31,700.00	\$ 206,050.00	\$ 237,750.00
Subtotal	\$ 158,500.00	\$ 1,030,250.00	\$ 1,188,750.00
<b>REAL ESTATE LAND PAYMENTS</b>			
Land Payments by PS	\$	\$ 999,000.00	\$ 999,000.00
PL91-646, Recordation Fee- PS	\$	\$	\$ -
Review of PS	\$	\$	\$
Contingencies (25%)	\$	\$ 249,750.00	\$ 249,750.00
Subtotal	\$	\$ 1,248,750.00	\$ 1,248,750.00
<b>TOTALS</b>	\$ 158,500.00	\$ 2,279,000.00	\$ 2,437,500.00
<b>ROUNDED TO</b>			<b>\$2,438,000.00</b>

**Table 3 Estimated Real Estate Cost**

The addition of Matthews Industrial Park Water Tower (\$20,000), Goodbys Creek Wastewater Plant (\$750,000), and Goodbys Creek Wastewater Collection Lines (\$200,000) increase the original estimated LERRD costs to \$3,408,000.

## 7. COST

The estimated cost of planning and design assistance, currently being performed by the Corps under the Design Agreement, totals \$1.2 million (cost shared 75% Federal (Corps) and 25% non-Federal). This cost includes PMP preparation, review of plans and specifications (provided by the sponsor), value engineering studies, environmental analysis, and real estate coordination, preparation of construction contracts, and construction PPA preparation and negotiation.

The fully funded cost estimate for construction of the project totals \$147.75 million (based on 2011 price levels). The project is cost-shared 75% Federal and 25% non-Federal. Therefore, the Federal share is estimated to be \$110.81 million and the Sponsor's share is \$36.94 million. The estimated LERRD credit to the sponsor totals \$3.41 million. Therefore, the estimated non-Federal cash contribution is \$33.53 million.

The total project cost estimate for construction includes real estate acquisition, engineering and design during construction (Corps reviews only) and construction contract procurement, administration and oversight. Table 4 shows the estimated fully funded cost for construction by project feature. Table 5 shows the distribution of fully funded construction cost by fiscal year for each project feature.

**Table 4. Lake Marion Regional Water System Project  
Fully Funded Cost Estimate  
(2011 price levels. All costs are in millions of dollars.)**

<b>Project Feature</b>	<b>Construction</b>	<b>COE Admin</b>	<b>LERRD</b>	<b>Total</b>
Water Treatment Plant	29.7	1.56	0.06	31.32
Santee Reach	3.62	0.19	0.06	3.87
Ellore Reach	6.90	0.35	0.26	7.51
Holly Hill Reach	9.00	0.45	0.25	9.70
St. George Reach	15.90	0.80	0.58	17.28
Manning Reach	21.60	1.08	0.66	23.34
East Orangeburg/Dorchester Reach	14.10	0.71	0.57	15.38
Goodbys Creek Wastewater Treatment Plant: Initial Capacity	6.52	0.33	0.37	7.22
Goodbys Creek Wastewater Treatment Plant: Expanded Capacity	17.00	0.85	0.38	18.23
Goodbys Creek Wastewater Collection System: Initial Phase	6.00	0.30	0.11	6.41
Goodbys Creek Wastewater Collection System: JAFZA Park Extension	1.00	0.05	0.02	1.07
Goodbys Creek Wastewater Collection System: US176/I95 Extension*	TBD	TBD	TBD	TBD
Goodbys Creek Wastewater Collection System: Ellore Reach	3.50	0.18	0.07	3.75
Matthews Industrial Park Water Tower	2.52	0.13	0.02	2.67
<b>Total (est.)</b>	<b>137.36</b>	<b>6.98</b>	<b>3.41</b>	<b>147.75</b>
<b>Federal Share (75%)</b>				<b>110.81</b>
<b>Non-Federal Share (25%)</b>				<b>36.94</b>
<b>LERRD Credit</b>				<b>3.41</b>
<b>Cash</b>				<b>33.53</b>

\*Cost estimates for this project were not available at the time this report was being prepared.

**Table 5. Lake Marion Regional Water System Project  
Fully Funded Cost Estimate by Fiscal Year (Excludes LERRD Cost)  
(2011 price levels. All costs are in millions of dollars.)**

Project Feature	Total	Total Fed	Total Non-Fed (Cash)	FY 04-08 Total	FY 04-08 Fed	FY 04-08 Non-Fed (Cash)	FY 09 Total	FY 09 Fed	FY 09 Non-Fed (Cash)	FY 10 Total	FY 10 Fed	FY 10 Non-Fed (Cash)	FY 11 Total	FY 11 Fed	FY 11 Non-Fed (Cash)	FY 12 and Future Years Total	FY 12 and Future Years Fed	FY 12 and Future Years Non-Fed (Cash)
Water Treatment Plant	31.26	23.49	7.77	31.26	23.49	7.77												
Santee Reach	3.81	2.90	0.91				3.81	2.90	0.91									
Elloree-Calhoun Reach	7.25	5.63	1.62				1.00	0.75	0.25	6.25	4.88	1.37						
Holly Hill Reach	9.45	7.27	2.18				6.00	4.50	1.50	3.45	2.77	0.68						
St. George Reach	16.70	12.53	4.17													16.70	12.53	4.17
Manning Reach	22.68	17.01	5.67													22.68	17.01	5.67
East Orangeburg/Dorchester County Reach	14.81	11.11	3.70													14.81	11.11	3.70
Goodbys Creek Wastewater Plant: Initial Capacity	6.85	5.10	1.75													6.85	5.10	1.75
Goodbys Creek Wastewater Plant: Expanded Capacity	17.85	13.39	4.46													17.85	13.39	4.46
Goodbys Creek Wastewater Initial Collection Lines	6.30	6.30	0.00													6.30	6.30	0.00
Goodbys Creek WW JAFZA Park Extension	1.05	0.79	0.26													1.05	0.79	0.26
Goodbys Creek WW US176/195 Extension*	TBD	TBD	TBD													TBD	TBD	TBD
Goodbys Creek WW Elloree Extension	3.68	2.64	1.04													3.68	2.64	1.04
Matthews Industrial Park Water Tower	2.65	2.65	0.00							2.65	2.65	0.00						
<b>TOTAL</b>	<b>144.34</b>	<b>110.81</b>	<b>33.53</b>	<b>31.26</b>	<b>23.49</b>	<b>7.77</b>	<b>10.81</b>	<b>8.15</b>	<b>2.66</b>	<b>12.35</b>	<b>10.30</b>	<b>2.05</b>				<b>89.92</b>	<b>68.77</b>	<b>21.05</b>

\*Cost estimates for this project were not available at the time this report was being prepared.

## 8. PROJECT SCHEDULE

Table 6 shows scheduled completion milestones dates for both the design and construction phases of the project. Award of construction contracts are subject to availability of appropriated Federal funds.

<b>Table 6. DESIGN and CONSTRUCTION PHASES</b>	
<b>DESIGN PHASE - MILESTONE</b>	<b>COMPLETION DATE</b>
Initial Corps Work Allowance	Completed
Execute Model Design Agreement	Completed
Execute Amendment to Model Design Agreement	Completed
10% Design (All Reaches)	Completed
10% VE Study (All Reaches)	Completed
35% Design (Plant & Santee Reach)	Completed
35% VE Study (Plant & Santee Reach)	Completed
65% Design (Plant & Santee Reach)	Completed
95% Design (Plant & Santee Reach)	Completed
65% Design (Ellore & Holly Hill Reaches)	Completed
Issue EA/FONSI	Completed
100% Design (Plant & Santee Reach)	Completed
SAD Approve Letter Report	Completed
HQ/ASA(CW) Approve PPA	Completed
Execute Construction PPA	Completed
<b>CONSTRUCTION PHASE - MILESTONE</b>	<b>COMPLETION DATE</b>
<b>Water Treatment Plant</b>	
Certify Real Estate	Completed
Advertise	Completed
Award	Completed
Construction Complete	Completed
<b>Santee Reach</b>	
Certify Real Estate	Completed
Advertise	Completed
Award	Completed
Construction Complete	Completed
<b>Ellore-Calhoun Reach</b>	
95% Design	Completed
100% Design	Completed
Certify Real Estate	Completed
Advertise	Completed
Award	Completed
Construction Complete	8 Dec 2011

<b>Holly Hill Reach</b>	
95% Design	Completed
100% Design	Completed
Certify Real Estate	Completed
Advertise	Completed
Award	Completed
Construction Complete	Completed
<b>St. George Reach</b>	
65% Design	To Be Determined (TBD)
95% Design	TBD
100% Design	TBD
Certify Real Estate	TBD
Advertise	TBD
Award	TBD
Construction Complete	TBD
<b>Manning Reach</b>	
65% Design	TBD
95% Design	TBD
100% Design	TBD
Certify Real Estate	TBD
Advertise	TBD
Award	TBD
Construction Complete	TBD
<b>East Orangeburg/Dorchester County Reach</b>	
65% Design	30 Jul 2011
95% Design	TBD
100% Design	TBD
Certify Real Estate	TBD
Advertise	TBD
Award	TBD
Construction Complete	TBD
<b>Goodbys Creek Wastewater Treatment Plant: Initial Capacity</b>	
65% Design	TBD
95% Design	TBD
100% Design	TBD
Certify Real Estate	TBD
Advertise	TBD
Award	TBD
Construction Complete	TBD

<b>Goodbys Creek Wastewater Treatment Plant: Expanded Capacity</b>	
65% Design	TBD
95% Design	TBD
100% Design	TBD
Certify Real Estate	TBD
Advertise	TBD
Award	TBD
Construction Complete	TBD
<b>Goodbys Creek Wastewater Collection System: Initial Phase</b>	
65% Design	Completed
95% Design	Completed
100% Design	30 Sep 2011
Certify Real Estate	31 Oct 2011
Advertise	31 Dec 2011
Award	31 Mar 2012
Construction Complete	31 Mar 2013
<b>Goodbys Creek Wastewater Collection System: JAFZA Park Extension</b>	
65% Design	TBD
95% Design	TBD
100% Design	TBD
Certify Real Estate	TBD
Advertise	TBD
Construction Complete	TBD
<b>Goodbys Creek Wastewater Collection System: US176/ I 95 Extension</b>	
65% Design	TBD
95% Design	TBD
100% Design	TBD
Certify Real Estate	TBD
Advertise	TBD
Award	TBD
Construction Complete	TBD
<b>Goodbys Creek Wastewater Collection System: Ellorece Extension</b>	
65% Design	TBD
95% Design	TBD
100% Design	TBD
Certify Real Estate	TBD
Advertise	TBD
Award	TBD
Construction Complete	TBD

<b>Matthews Industrial Park Water Tower</b>	
65% Design	Completed
95% Design	Completed
100% Design	Completed
Certify Real Estate	Completed
Advertise	Completed
Award	Completed
Construction Complete	19 Dec 2011
<b>Final Accounting and Project Closeout</b>	2015

## 9. PUBLIC INVOLVEMENT / VIEWS OF THE SPONSOR

The Sponsor (The Lake Marion Regional Water Agency) fully supports the project and has entered into several agreements with the Corps and other entities including water users, AE's, and the Public Service Utility (Santee Cooper) in order to facilitate execution of this project. Agreements with the Corps include:

- Design Agreement - Executed 11 May 2001
- Amendment 1 to the Design Agreement – Executed 14 Jan 2002
- Letter of Intent to Sign the Project Cooperation Agreement – Signed 5 February 2004. (Attached)
- Resolution Reaffirming / Authorizing the Chairperson of the Lake Marion Regional Water Supply Project to execute agreements on behalf of the Agency – Signed 5 February 2004.
- Original Project Cooperation Agreement signed 4 June 2004
- Amendment 1 to Project Cooperation Agreement signed 15 July 2010

## 10. LOCAL COOPERATION

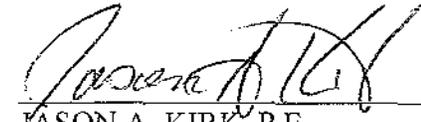
As part of the local cooperation requirements, the PPA requires the Non-Federal Sponsor to provide all lands, easement, rights-of-way, and suitable borrow and dredged or excavated material disposal areas, contribute the required Non-Federal cash contribution, participate in project coordination team meetings, and operate and maintain the project upon project completion.

The Government's obligations per the PPA include providing the required Federal cost share funding, expeditiously constructing the project, participate in project coordination team meetings, furnishing the Non-Federal Sponsor with an Operation, Maintenance, Repair, Replacement, and Rehabilitation Manual, and performing a final accounting.

A comprehensive discussion of all items of Local Cooperation is contained in the PPA. The Corps and the Sponsor executed the PPA.

## 11. RECOMMENDATION

I recommend that this Letter Report be approved for the basis of a decision by the Division Commander for the Corps to enter into an amendment to the Project Partnership Agreement (PPA) with the Lake Marion Regional Water Agency for providing Federal assistance for the project herein described.



---

JASON A. KIRK, P.E.  
Lieutenant Colonel, EN  
Commanding

LETTER OF INTENT

Lake Marion Regional Water Agency



C/O Bill Clark • PO BOX 9000 • Orangeburg, SC 29116-9000

February 5, 2004

LTC Alvin B. Lee
District Engineer
U.S. Army Corps of Engineers, Charleston District
69A Hagood Avenue
Charleston, South Carolina 29403-5107

Dear Lieutenant Colonel Lee:

The Lake Marion Regional Water Agency has completed its review of the draft Project Cooperation Agreement between it and the Department of the Army for construction of the Lake Marion Regional Water System project. The Lake Marion Regional Water Agency understands that the proposed project, authorized under Section 219(f)(25) of the Water Resources Development Act of 1992 (Public Law 102-580), as amended, will include construction of an 8 MGD (million gallons per day) surface water treatment plant and approximately 62 miles (includes five separate reaches) of water transmission pipeline and associated appurtenances as generally described in the final contract plans and specifications prepared by Santee Cooper for the Lake Marion Regional Water Agency. The project will serve the immediate and future water supply needs for portions of Calhoun, Clarendon, Dorchester, Orangeburg and Sumter counties, and eleven municipalities located along the I-26 and I-95 corridors in proximity of Lake Marion, South Carolina.

The estimated total construction cost for the project is \$51.8 million, of which the Lake Marion Regional Water Agency's share as a non-Federal sponsor will be 25 percent of the total project costs, or an estimated \$12.95 million. The Lake Marion Regional Water Agency's share is being provided through several sources, including the South Carolina Bond Bill, Orangeburg County, Office of Local Government and local contributions.

The Lake Marion Regional Water Agency has determined that the draft Project Cooperation Agreement contains terms that are acceptable. The Lake Marion Regional Water Agency has the ability, capability and full legal authority to fulfill all of its obligations contained in the draft Project Cooperation Agreement. The Lake Marion Regional Water Agency intends to enter into the agreement with the Department of the Army for implementation of the project and for the project's subsequent operation and maintenance by the Agency or other parties.

Commissioners

- Helen B. Carson
Calhoun County
Dwight L. Stewart, Jr.
Clarendon County
Richard Rothrock
Dorchester County
Johnnie Wright, Sr.
Orangeburg County
James A. Campbell
Sumter County
Paul Byrkinan
Manning
Evelyn Casque
Florence
Linda Ingram
Holly Hill
Ted Johnson
Summerton
David Siefertner
St. George
Silas Scarborough
Sumter

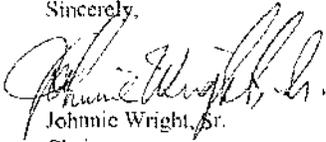
More Than A Water Project

February 5, 2004  
Page 2

It is understood that the purpose of this letter is to establish Lake Marion Regional Water Agency's intent and ability to serve as the non-Federal sponsor of the project, and does not financially or legally obligate the Lake Marion Regional Water Agency or the Federal Government.

JW:caac

Sincerely,

A handwritten signature in cursive script, appearing to read "Johnnie Wright, Sr.", is written over the typed name.

Johnnie Wright, Sr.  
Chairperson  
Lake Marion Regional Water Agency

# Additional Proposal Information

(This is as uploaded, a blank page will show if nothing was submitted)

**Statements on Cost Share.pdf**

# Lake Marion Regional Water Agency



P.O. Box 2946101 M/C A204 ♦ Moncks Corner, SC 29461

**STATEMENT OF FINANCIAL CAPABILITY  
for the  
Non-Federal Cost Share  
Of the  
Lake Marion Regional Water System Project Modification**

To date, the Lake Marion Regional Water Agency has provided the local match of approximately \$18.4 Million for the Lake Marion Regional Water System Project. This letter is to certify that the Lake Marion Regional Water Authority, the non-federal interest sponsor, has the financial ability to provide the required local cost share to match our request of \$31.2 Million.

Certified for Lake Marion Regional Water System

By:

A handwritten signature in blue ink that reads "Johnnie Wright, Sr." written over a horizontal line.

Johnnie Wright, Sr., Chairman  
Lake Marion Regional Water Regional Agency

Certified as of November 26, 2014

WILLIAM R. HEARN, JR.  
CHAIRMAN

GEORGE H. BAILEY  
VICE-CHAIRMAN

JASON L. WARD  
COUNTY ADMINISTRATOR

SALLY K. HEBERT  
CLERK TO COUNCIL



JAY BYARS

DAVID CHINNIS

WILLIE DAVIS

CARROLL S. DUNCAN

LARRY S. HARGETT

## COUNTY COUNCIL OF DORCHESTER COUNTY

201 JOHNSTON STREET

ST. GEORGE, SOUTH CAROLINA 29477

(843) 563-0196 FAX (843) 563-0137

SUMMERVILLE (843) 832-0043 FAX (843) 875-8509

This will certify that at the November 17, 2014, meeting of County Council, a motion was made by Councilman George Bailey, seconded by Councilman Larry Hargett, and unanimously approved to announce County Council's intent to authorize a 25 percent local match – totaling \$4.125 million – for \$16.5 million in federal funding for the Lake Marion Regional Water Agency to complete reaches in Dorchester County. This would include the extension of the Harleyville Reach to the Shady Grove community, Winding Woods and St. George and the Ridgeville Commerce Park.

Sally K. Hebert  
Clerk to Council

**CERTIFIED TRUE COPY**

**Sally Hebert, Clerk to Council  
Dorchester County, SC**

## COUNCIL-COMMITTEE AGENDA ITEM

**TO:** Jason L. Ward, County Administrator

**THRU:**

**FROM:**

Justin Powell, Chief Financial Officer

**SUBJECT:**

Local Match for Requested Modification to the Lakes Marion and Moultrie, South Carolina Project

**REQUEST:**

Approve Council's intent to provide a \$4,125,000 local match from four funding sources.

**COMMITTEE OF COUNCIL:**

Full Council

**DATE:**

11/17/2014

**COORDINATION:** This request has been coordinated with (attach all recommendations/reviews):

	YES	N/A
Legal	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Purchasing	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Zoning Regulations/Comp Plan Compliance	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Grants Administration	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Human Resources	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other:	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**FUNDING:** Was funding previously approved?

YES

N/A

**NEED:** Identify any critical time constraint:

**CHIEF FINANCIAL OFFICER'S SIGNATURE:**



**ADMINISTRATOR'S SIGNATURE:**



**SITUATION:**

The Lake Marion Regional Water Agency is presently seeking a Modification to the current federal authorization for Lake Marion and Lake Moultrie. County Council approved a resolution on November 3, 2014 stating its support of the proposed Modification. Included in the modification is the extension of the Harleyville Reach to the Shady Grove community, Winding Woods and St. George, and the Ridgeville Commerce Park. The estimate cost of the Dorchester County projects is \$16,500,000 with a 25% local match (totaling \$4,125,000).

Staff requests County Council announce its intent to fund the local match from four funding sources should the Modification be obtained. Staff recommends the following be considered as sources of local match: the Water and Sewer Fund, the Economic Development Fund, the Upper Dorchester County Economic Development Fund, and grants from the Rural Infrastructure Authority.

**ACTION REQUESTED OF COUNCIL:**

The following motion is requested:

"Mr. Chairman, I move that County Council announces its intent to fund the local share for Dorchester County portions of the proposed Modification to the Lakes Marion and Moultrie, South Carolina project. I further move that funding for the local share will come from one or more of the following sources: the Water and Sewer Fund, the Economic Development Fund, the Upper Dorchester County Economic Development Fund, and grants from the Rural Infrastructure Authority."

**DEPARTMENT HEAD RECOMMENDATION:**

The Chief Financial Officer recommends approval.

\*Supporting documentation such as maps and exhibits must be attached



COUNTY ADMINISTRATOR  
HAROLD M. YOUNG

## COUNTY OF ORANGEBURG

P.O. DRAWER 9000, ORANGEBURG, S.C. 29116-9000

TELEPHONE 803/533-6101

WWW.ORANGEBURGCOUNTY.ORG

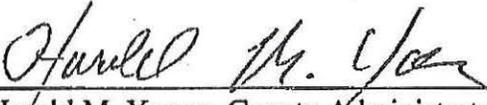


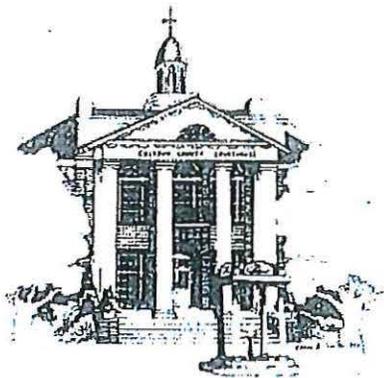
### COUNCIL MEMBERS

JOHNNIE WRIGHT, SR., CHM.  
JANIE COOPER, VICE CHAIR  
CLYDE B. LIVINGSTON  
HEYWARD H. LIVINGSTON  
WILLIE B. OWENS  
JOHNNY RAVENELL  
HARRY WIMBERLY

November 25, 2014

We certify that the County of Orangeburg has 25% matching funds for line extensions from the Lake Marion Regional Water Agency into Orangeburg County.

  
\_\_\_\_\_  
Harold M. Young, County Administrator



## CALHOUN COUNTY COUNCIL

David K. Summers, Jr., Chairman  
James E. Haigler, Vice Chairman  
Pamela Claxton  
John D. Nelson  
Cecil M. Thornton, Jr.

F. Lee Prickett, Jr., County Administrator  
Vickie B. Stoudemire, Clerk to Council

This will certify that at the November 10, 2014 meeting of Calhoun County Council, a motion was made by Councilman Cecil Thornton to approve authorization of 25% matching funds for line extensions from the Lake Marion Regional Water Agency into Calhoun County. The motion was seconded by Councilman James Haigler and the motion carried unanimously.

Vickie B. Stoudemire

Vickie B. Stoudemire  
Clerk to Council



# Additional Proposal Information

(This is as uploaded, a blank page will show if nothing was submitted)

**Lake Marion Regional Water System, September 2015.pdf**



# Lake Marion Regional Water System<sup>1</sup>

Expansion and  
Next Project



**HAZEN AND SAWYER**  
Environmental Engineers & Scientists

File location name here.ppt

# Outline

## Project Scope (Year 2040)

- Population Projections
- Project Water Demands
- Evaluate Pipeline Routes
- Update Hydraulic Model
- Preliminary Cost Estimates



# Population Projections

BCD COG Population and Anticipated Growth										
Lake Marion Regional Water System										
County	1990	2000	2010	2015	2020	Population Projection			2040	Equiv. Growth Rate (2015-2040)
						2030	2035	% increase/year (2000-2035)		
Calhoun	12,753	15,185	15,175	15,940	16,660	17,980	18,640	0.55%	19,152	20.15%
Dorchester	83,060	96,413	136,555	139,370	149,300	170,210	180,580	1.41%	193,336	38.72%
Orangeburg	84,804	91,582	92,501	93,920	96,400	100,700	102,890	0.32%	104,541	11.31%
Berkeley	128,776	142,651	177,840	190,044	202,244	236,655	253,863	1.34%	271,071	42.64%

# Water Demands

## LMRWS Expansion Demands (Year 2040)

Member	2040 ADD (MGD)	2040 MDD (MGD)
Town of Santee	incl. below	incl. below
Orangeburg Co.	1.76	2.64
Dorchester Co.	1.91	2.33
Calhoun Co.	0.29	0.44
Berkeley County*	2.50	2.50
<b>TOTAL</b>	<b>6.46</b>	<b>7.91</b>

\*Berkeley County did not provide a Max Day projection

# Hydraulic Modeling/Routes

Lake Marion Regional Water System					
User	Project	Size	Length	Cost	Future Project
Calhoun	0.3MGD BPS Lone Star			\$ 375,000	
Calhoun	12" main to connect to Belleville System	12	73,000	\$ 6,570,000	
Calhoun	12" main near LMRWS Meter Station	12	10,300	\$ 927,000	
Dorchester	Water Main North of Harleyville to Winding Woods Rd	14	9,400	\$ 987,000	
Dorchester	Water Main North of Harleyville to Winding Woods Rd	12	36,000	\$ 3,240,000	
Dorchester	New Elevated Tank in Winding Woods (0.5MG)			\$ 1,250,000	
Dorchester	Water Main Hwy 178 to Shady Grove	12	30,000	\$ 2,700,000	
Orangeburg	Water Main I26 to Providence (210/176)	12	23,000	\$ 2,070,000	
Orangeburg	Water Main Providence to Hwy 15	12	4,700	\$ 423,000	
Orangeburg	New Elevated Tank in Vance (0.3MG)			\$ 750,000	
Orangeburg	New Elevated Tank at Pilot Station on I26 (0.5MG)			\$ 1,250,000	
Orangeburg	Water Main Hwy 15 to Vance	10	21,300	\$ 1,597,500	
Orangeburg	Water Main Lodge Hall Area	12	17,800	\$ 1,602,000	
Berkeley	Water Main Hwy Hwy 453 along Hwy 176 to Volvo Site	12/16/20	98,000	\$ 13,100,000	\$ 13,100,000
Berkeley	New Elevated Tank near Volvo (0.5MG)			\$ 2,500,000	\$ 2,500,000
			Total	\$ 39,341,500	\$ 15,600,000
	Total Project		TOTAL	\$ 39,400,000	\$ 15,600,000

Note: These construction costs do not include Corps oversight, design, construction administration, or property acquisition.

# Estimated Construction Costs

## Orangeburg County

- 66,800LF – 12” New Water Mains
- New 0.3 MG Elevated Tank Vance
- New 0.5 MG Elevated Tank Exit 159
  
- Estimated Construction Cost:  
\$7.7 Million



# Estimated Construction Costs

## Dorchester County

- 75,400LF – 12”-14” New Water Mains
- New 0.5 MG Elevated Tank in Winding Woods Industrial Park
- Estimated Construction Cost:  
\$8.2 Million



# Estimated Construction Costs

## Calhoun County – Total

- 83,300LF – 12” New Water Mains
- New 0.3MGD Booster Pump Station
  
- Total Estimated Construction Cost:  
\$7.9 Million



# Estimated Construction Costs

## Berkeley County – Total

- 98,000LF – 12”-20” New Water Mains with 1.5MGD Booster Pump Station
- New 0.5 MG Elevated Tank
- Total Estimated Construction Cost:  
\$15.6 Million



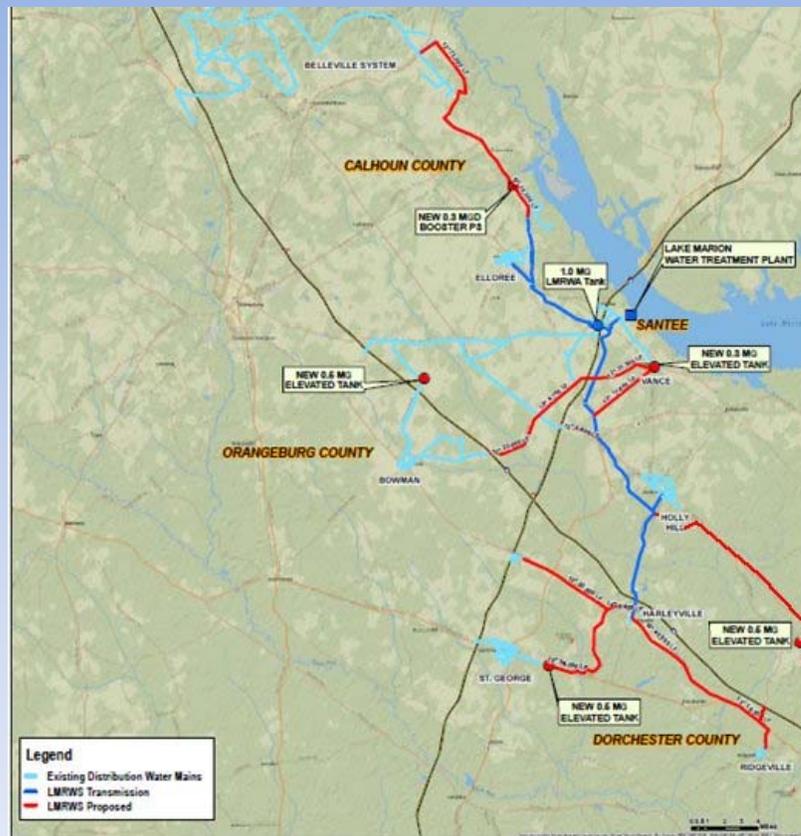
# Summary

## TOTAL Construction Cost Summary

Orangeburg County	\$ 7.7 Million
Dorchester County	\$ 8.2 Million
Calhoun County	\$ 7.9 Million
Berkeley County	\$15.6 Million
<b>TOTAL</b>	<b>\$39.4 Million</b>

61 miles of water mains, booster pump stations & 4 elevated storage tanks

# Project Map



# Summary

## Future Project

Berkeley County                      \$ 13,100,000  
(98,000LF 12"-20" water mains)

Berkeley County                      \$ 2.5 Million  
(0.5MG Elevated Storage Tank)

**TOTAL**                                      \$ 15.6 Million