

1400 Coliseum Blvd. 36110-2400 • Post Office Box 301463
Montgomery, Alabama 36130-1463
(334) 271-7700 • FAX (334) 271-7950

CATEGORICAL EXCLUSION FROM ENVIRONMENTAL REVIEW

Mobile Board of Water & Sewer Commissioners

Mobile County

DWSRF # FS010096-09

January 2, 2023

The Alabama Department of Environmental Management has made \$12,200,000 in financial assistance available to Mobile Board of Water & Sewer Commissioners using funds from the FY 2022 and FY2023 Drinking Water State Revolving Fund Bipartisan Infrastructure Legislation(DWSRF-BIL) loan program. In accordance with State and Federal regulations that govern the program, the Alabama Department of Environmental Management has conducted a review to assess potential impacts upon the environment that may result from implementation of this project.

The Mobile Board of Water and Sewer Commissioners proposes the emergency replacement and/or rehabilitation of various existing sections of the Causeway Water Main to the Spanish Fort Water system which are experiencing significant water loss. Proposed improvements will include replacing or rehabilitation more than 9,300 LF of 20-inch HDPE main. As MAWSS currently supplies 70% of Spanish Fort's total water supply, these repairs are immediately and urgently needed to eliminate existing water loss.

The Alabama Department of Environmental Management has determined that the project qualifies for a Categorical Exclusion (CE) from further environmental study under the guidelines specified by the State Environmental Review Process (SERP) which specifically include actions which are solely directed toward minor rehabilitation of existing facilities, functional replacement of equipment, or towards the construction of new ancillary facilities adjacent or appurtenant to existing facilities. However, this decision may be reconsidered if significant adverse information concerning potential environmental impacts of the project is discovered.

Comments relative to this project should be submitted in writing to Mr. John Laney, SRF Section, Permits and Services Division, Alabama Department of Environmental Management, Post Office Box 301463, Montgomery, Alabama 36130-1463, no later than 30 days after the date of public notice. The Alabama Department of Environmental Management will not take formal action to proceed with the project without carefully evaluating any public comments opposing the project.

Sincerely,

Lance LeFleur, Director
Alabama Department of Environmental Management

LRL/EJR/JWL/kbh
Attachment



Mobile Board of Water & Sewer Commissioners
DWSRF# FS010096-07

The Categorical Exclusion is promulgated in the State Environmental Review Process (SERP) in Part IV, Section C: Categorical Exclusions for Drinking Water State Revolving Fund Projects:(Italicized sections apply.)

1. The following drinking water projects are eligible for categorical exclusions:
 - a. *Actions intended solely for minor rehabilitation, functional replacement, or ancillary facilities adjacent or appurtenant to existing facilities.*
 - b. Minor construction, including:
 - (1) New wells or replacement wells for water supply purposes if ancillary to the existing system;
 - (2) Improvements not intended to increase capacity of the system;
 - (3) Facilities for the disinfection of public water supplies;
 - (4) Facilities such as looping that will result solely in the provision of adequate public water system pressure;
 - (5) Construction of water tanks;
 - (6) Construction of new water lines in previously disturbed areas within one mile of the existing distribution system.
 - c. Projects where funding is being provided for planning and/or engineering costs only (in which case the requirements of IV.C.1.a-d do not apply).
2. In order to determine if a drinking water project is eligible for a CE, all of the following must not apply:
 - a. The action is known or expected to directly or indirectly adversely impact any of the following:
 - (1) Cultural or historical resources;
 - (2) Endangered or Threatened Species and/or their critical habitats;
 - (3) Environmentally important natural resource areas such as floodplains, wetlands, prime agricultural land, or aquifer recharge zones.
 - b. The action is not cost effective.
 - c. The action will cause significant public controversy.
 - d. The action will create a new or expanded surface drinking water source.

This project complies with the above requirements and has been determined to be eligible for a Categorical Exclusion.

EXHIBIT 2

PROJECT MAPS

Project Map



Proposed Water Main Replacement/Rehabilitation under Chocolotta Bay (Approx. 3,600')

Proposed Water Main Replacement/Rehabilitation under Blakeley River: (Approx. 2,500')

2016 Water Main Replacement (Approx. 2,800')

2017 Water Main Replacement (Approx. 3,700')

Proposed Water Main Replacement/Rehabilitation under Apalachee River: (Approx. 2,600')

Proposed Water Main Replacement/Rehabilitation under Shellbank River: (Approx. 600')

Connection to Spanish Fort Water

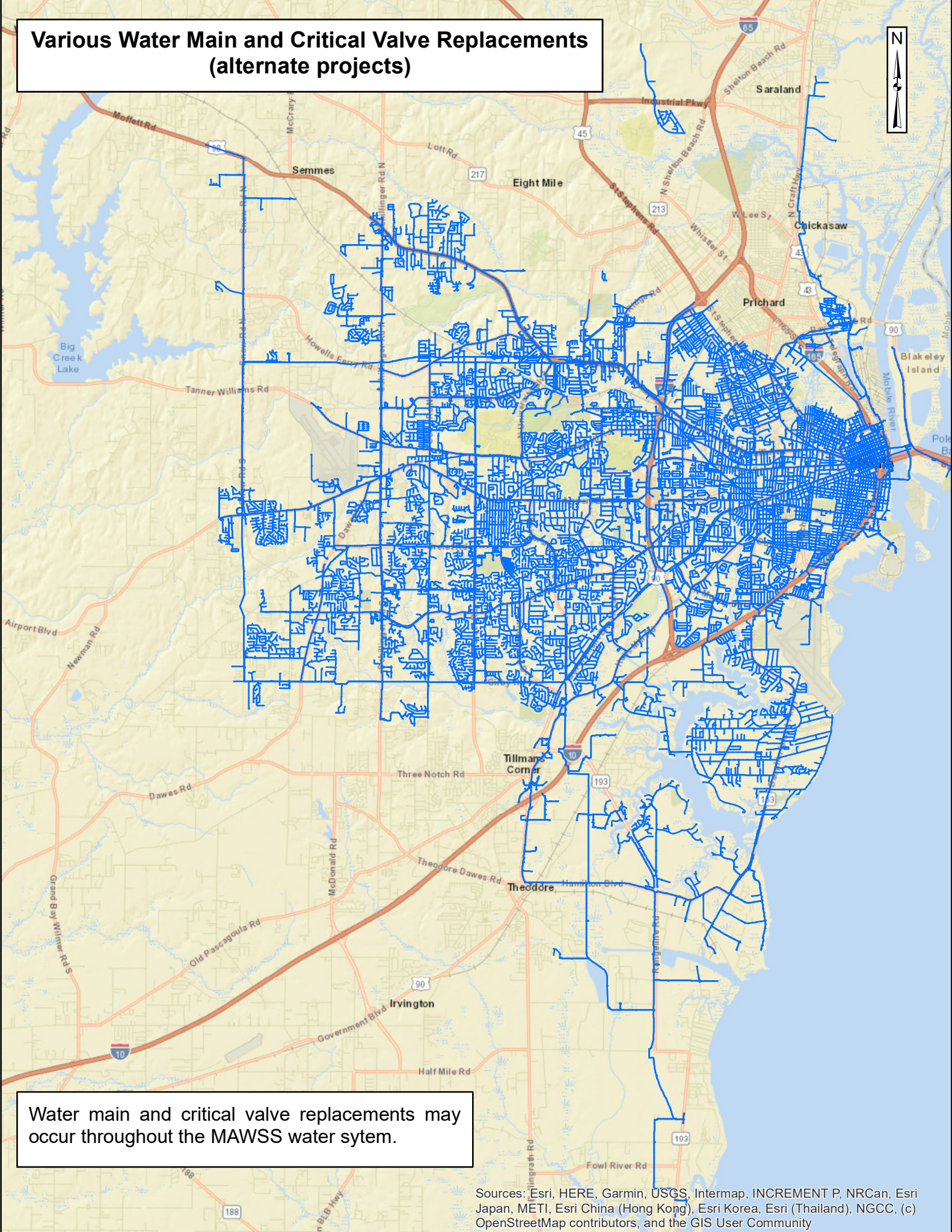
E.M. Stickney Water Treatment Plant Projects

- Liquid Lime Facility Installation (alternate)
- Redundant Solids Clarifier (alternate)

E.M. Stickney WTP
30°43'15.1"N 88°09'08.1"W



Various Water Main and Critical Valve Replacements (alternate projects)



Water main and critical valve replacements may occur throughout the MAWSS water system.

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

APPENDIX F

CONCURRENCE LETTERS

Marcus Stacey

From: CESAM-RD <CESAM-RD@usace.army.mil>
Sent: Tuesday, November 22, 2022 11:13 AM
To: Marcus Stacey
Cc: Melinda Immel; ADEM - Mobile Branch / Coastal Section
Subject: Acknowledgment Email- SAM-2022-01166 (MAWSS DWSRF Causeway Water Main Replacement
Attachments: Corps of Engineers - Jurisdictional Determination Form - MAWSS DWSRF Project - Causeway Water Main Replacements-Rehabilitation.pdf

EXTERNAL EMAIL. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

The U.S. Army Corps of Engineers (USACE), Mobile District is in receipt of your recent request. This request has been assigned the following file number, which should be referred to in all future correspondence with this office concerning this project:

File Number: SAM-2022-01166

Following an initial review of your request a project manager will contact you if any additional information is required.

The USACE, Mobile District now utilizes paperless communication, and you will receive only electronic copies of any correspondence from us concerning this matter (including any possible permit authorizations), unless a paper copy is specifically requested. If you wish to receive paper copies of our correspondence you should send a written request to this office at the following address:

U.S. Army Corps of Engineers
Mobile District, Regulatory Division (RD-A) Post Office Box 2288 Mobile, Alabama 36628.

Electronic copies of this email and any future correspondence will also be sent to your agent, if applicable, and to any relevant agencies.

For additional information on our Regulatory program, visit our website at:

www.sam.usace.army.mil/Missions/Regulatory.aspx

Stephanie L. Wilson
Regulatory Systems Administrator
U.S. Army Corps of Engineers
Desk: 251-694-3785
Cell: 251-376-4841



South Alabama Regional Planning Commission

William S. Stimpson, Chairman • Charles H. Murphy, Vice-Chairman
James R. Staff, Secretary - Treasurer • John F. Rhodes, Executive Director

September 14, 2022

Marcus Stacey, PE
Volkert, Inc.
1110 Montlimar Dr., Suite 560
Mobile, AL 36609


RE: DWSRF Loan Application Intergovernmental Review
Board of Water and Sewer Commissioners of the City of Mobile, AL (MAWSS)
Internal SARPC Project Review Control No. 22-07

Dear Mr. Stacey:

In response to the request for a review of this project, attached please find the completed review sheet. This review sheet need not be included in the project application packet (i.e., the Standard Form 424 with supporting documentation).

If you have any questions in this regard or require additional information, please give me a call.

Sincerely,


John F. Rhodes
Executive Director

/gwc

Enclosure

SOUTH ALABAMA REGIONAL PLANNING COMMISSION

PROJECT REVIEW SHEET

INTERNAL SARPC PROJECT CONTROL NO.: 22-07

REQUESTING AGENCY: MAWSS

PROJECT: DWSRF Loan Application Intergovernmental Review
Board of Water and Sewer Commissioners of the City of Mobile, AL (MAWSS)

Internal SARPC Project Review Control No. 22-07

COMMENTS: (Check one)

Does Not Apply

Concur

No Objection

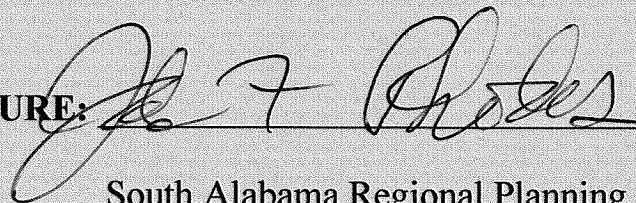
Concur Contingent Upon (Explain Below)

Need More Information (Explain Below)

Cannot Concur (Explain Below)

EXPLANATION:

REVIEWER SIGNATURE:



South Alabama Regional Planning Commission
P.O. Box 1665
Mobile, AL 36633



ALABAMA HISTORICAL COMMISSION

Lisa D. Jones
Executive Director
State Historic Preservation Officer

468 South Perry Street
Montgomery, Alabama 36130-0900

Tel: 334-242-3184
Fax: 334-242-1083

December 6, 2022

Doug Cote
Volkert, Inc.
P.O. Box 180249
Mobile, AL 36618

Re: AHC 23-0180
MAWSS DWSRF Loan Application - Causeway Water Main Replacements-Rehabilitation
Baldwin County

Dear Mr. Cote:

We concur with the above referenced project provided all construction activities will occur within **existing and previously disturbed** highway right-of-way and/or other previously disturbed areas. For the purposes of this letter, previous disturbance is defined as mechanical disturbance to either culturally sterile subsoil, or the maximum depth of the proposed undertaking. It should be noted that agricultural plowing does not typically meet this threshold of disturbance, nor do previously undisturbed portions of the ROW that require clearing of additional vegetation. Any area that is to be involved and does not fall into one of the above categories will require a cultural resource assessment by a professional archaeologist. Submit the resulting report to our office for review and determination prior to project initiation.

Consultation with the State Historic Preservation Office does not constitute consultation with Tribal Historic Preservation Offices, other Native American tribes, local governments, or the public. If archaeological materials are encountered during construction, the procedures codified at 36 CFR 800.13(b) will apply. Archaeological materials consist of any items, fifty years old or older, which were made or used by man. These items include but are not limited to, stone projectile points (arrowheads), ceramic sherds, bricks, worked wood, bone and stone, metal, and glass objects. The federal agency or the applicant receiving federal assistance should contact our office immediately. If human remains are encountered, the provisions of the Alabama Burial Act (*Code of Alabama* 1975, §13A-7-23.1, as amended; Alabama Historical Commission Administrative Code Chapter 460-X-10 Burials) should be followed. This stipulation shall be placed on the construction plans to ensure contractors are aware of it.

We appreciate your commitment to helping us preserve Alabama's historic archaeological and architectural resources. Should you have any questions, please contact Amanda McBride at 334.230.2692 or Amanda.McBride@ahc.alabama.gov. Have the AHC tracking number referenced above available and include it with any future correspondence.

Sincerely,

Lee Anne Wofford
Deputy State Historic Preservation Officer

LAW/AMH/nj



ALABAMA HISTORICAL COMMISSION

Lisa D. Jones
Executive Director
State Historic Preservation Officer

468 South Perry Street
Montgomery, Alabama 36130-0900

Tel: 334-242-3184
Fax: 334-242-1083

November 28, 2022

Doug Cote
Volkert, Inc.
P.O. Box 180249
Mobile, AL 36618-0249

Re: AHC 23-0179
MAWSS DWSRF Loan Applications - Stickney Water Treatment Plant Projects
Mobile County

Dear Mr. Cote:

We concur with the above referenced project provided all construction activities will occur within **existing and previously disturbed** highway right-of-way and/or other previously disturbed areas. For the purposes of this letter, previous disturbance is defined as mechanical disturbance to either culturally sterile subsoil, or the maximum depth of the proposed undertaking. It should be noted that agricultural plowing does not typically meet this threshold of disturbance, nor do previously undisturbed portions of the ROW that require clearing of additional vegetation. Any area that is to be involved and does not fall into one of the above categories will require a cultural resource assessment by a professional archaeologist. Submit the resulting report to our office for review and determination prior to project initiation.

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Sincerely,

Lee Anne Wofford
Deputy State Historic Preservation Officer

LAW/AMH/nj



ALABAMA HISTORICAL COMMISSION

Lisa D. Jones
Executive Director
State Historic Preservation Officer

468 South Perry Street
Montgomery, Alabama 36130-0900

Tel: 334-242-3184
Fax: 334-242-1083

November 28, 2022

Doug Cote
Volkert, Inc.
P.O. Box 180249
Mobile, AL 36618-0249

Re: AHC 23-0181
MAWSS DWSRF Loan Applications - Various Water Main and Critical Valve Replacements
Mobile County

Dear Mr. Cote:

We concur with the above referenced project provided all construction activities will occur within **existing and previously disturbed** highway right-of-way and/or other previously disturbed areas. For the purposes of this letter, previous disturbance is defined as mechanical disturbance to either culturally sterile subsoil, or the maximum depth of the proposed undertaking. It should be noted that agricultural plowing does not typically meet this threshold of disturbance, nor do previously undisturbed portions of the ROW that require clearing of additional vegetation. Any area that is to be involved and does not fall into one of the above categories will require a cultural resource assessment by a professional archaeologist. Submit the resulting report to our office for review and determination prior to project initiation.

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Sincerely,

Lee Anne Wofford
Deputy State Historic Preservation Officer

LAW/AMH/nj

November 21, 2022

Project Name: MAWSS DWSRF Loan Application – Causeway Water Main Replacements/Rehabilitation

Project Code: 2023-0017617

(Volkert Contract No. 1025601, Task Nos. 8)

Mr. Bill Pearson
Daphne ES Field Office
U.S. Fish and Wildlife Service
1208-B Main Street
Daphne, AL 36526

RE: DWSRF Loan Application Intergovernmental Review

Dear Mr. Pearson:

The Board of Water and Sewer Commissioners of the City of Mobile, Alabama (MAWSS) is proposing to submit a Drinking Water State Revolving Fund (DWSRF) Loan Application to fund a project which would replace and/or rehabilitate portions of the existing water main along the Causeway between Mobile and Spanish Fort. Any replacements will be done using directional drilling, and rehabilitation will occur within the existing pipe, so as to minimize disturbances.

In accordance with the application, we are requesting that a response from your agency be provided in writing including any comments and concurrence with the proposed loans. Please direct your response to MAWSS, c/o Marcus Stacey, P.E., Volkert, Inc., 1110 Montlimar Dr., Suite 1050, Mobile, AL, 36609, or by email at marcus.stacey@volkert.com.

Please call me at (251) 599-1974 should you have any questions or require any additional information.

Sincerely,



Marcus Stacey, P.E.

Enclosures

c Mr. Douglas Cote, P.E. - MAWSS

Project Summary

Project Code: 2023-0017617

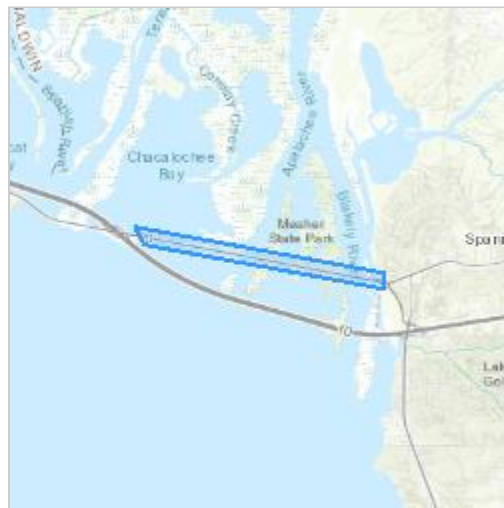
Project Name: MAWSS DWSRF Loan Application – Causeway Water Main Replacements/Rehabilitation

Project Type: Water Supply Pipeline - New Constr - Below Ground

Project Description: MAWSS provides potable water to the Spanish Fort Water System through a water main that travels along the Causeway (US Highways 90 and 98) between Mobile and Spanish Fort. MAWSS will replace or rehabilitate previously installed HDPE segments along this route due to reliability concerns. Any replacements will be done using directional drilling, and rehabilitation will occur within the existing pipe, so as to minimize disturbances.

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@30.672061,-87.95021601918329,14z>



Counties: Baldwin County, Alabama

2023-0017522

MB
Volkert, Inc.
1110 Montlimar Dr., Suite 1050
Mobile, AL 36609
(251) 342-1070
www.volkert.com

RECEIVED
NOV 21 2022
VOLKERT
MP

November 20, 2022

Project Name: MAWSS DWSRF Loan Applications – Stickney WTP Projects

Project Code: 2023-0017522

(Volkert Contract No. 1025601, Task Nos. 8 & 10)

Mr. Bill Pearson
Daphne ES Field Office
U.S. Fish and Wildlife Service
1208-B Main Street
Daphne, AL 36526



U.S. Fish and Wildlife Service
1208-B Main Street – Daphne, Alabama 36526
Phone: 251-441-5181 Fax: 251-441-6222

No federally listed species/critical habitat are known to occur in the project area. As described, the project will have no significant impact on fish and wildlife resources. IF PROJECT DESIGN CHANGES ARE MADE, PLEASE SUBMIT NEW PLANS FOR REVIEW. We recommend use of best management practices specific to your project (See <http://www.fws.gov/daphne/section7/bmp.html>).

William J. Pearson
William J. Pearson, Field Supervisor
Alabama Ecological Services Field Office

DEC 13 2022

Date

3

RE: DWSRF Loan Application Intergovernmental

Dear Mr. Pearson:

The Board of Water and Sewer Commissioners of the City of Mobile, Alabama (MAWSS) is proposing to submit two Drinking Water State Revolving Fund (DWSRF) Loan Applications to fund various water infrastructure improvements. Two projects at the Stickney Water Treatment Plant will be included on both applications as alternate projects. Please see the project descriptions below. Work for both projects is currently proposed to be completed within the boundaries of the existing fence.

Stickney WTP Liquid Lime Facility Installation (alternate project)

This project would replace the existing quicklime system with liquid lime. The existing quicklime system has several issues and needs to be overhauled (except for the new shaker). Liquid lime is a very pure product, readily available for injection, and is not likely to impact turbidity. Liquid lime systems tend to be more maintenance friendly than quicklime systems.

Stickney Redundant Solids Clarifier (alternate project)

Installation of a redundant clarifier would provide a more robust solids handling system that can continue to operate when the existing duty clarifier is undergoing maintenance, or provide additional storage in the event that solids cannot be pumped to the Myers WTP.

In accordance with the application, we are requesting that a response from your agency be provided in writing including any comments and concurrence with the proposed loans. Please direct your response to MAWSS, c/o Marcus Stacey, P.E., Volkert, Inc., 1110 Montlimar Dr., Suite 1050, Mobile, AL, 36609, or by email at marcus.stacey@volkert.com.

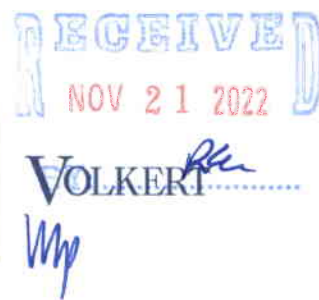
Please call me at (251) 599-1974 should you have any questions or require any additional information.

Sincerely,

Marcus Stacey, P.E.

2023-0017865

MB
Volkert, Inc.
1110 Montlimar Dr., Suite 1050
Mobile, AL 36609
(251) 342-1070
www.volkert.com



November 21, 2022

Project Name: MAWSS DWSRF Loan Applications – Various Water Main and Critical Valve Replacements

Project Code: 2023-0017865

(Volkert Contract No. 1025601, Task Nos. 8 & 10)

Mr. Bill Pearson
Daphne ES Field Office
U.S. Fish and Wildlife Service
1208-B Main Street
Daphne, AL 36526

RE: DWSRF Loan Application Intergovernmental Review

Dear Mr. Pearson:

The Board of Water and Sewer Commissioners of the City of Mobile, Alabama (MAWSS) is proposing to submit two Drinking Water State Revolving Fund (DWSRF) Loan Applications to fund various water infrastructure improvements. Two projects to replace various critical valves and water mains throughout MAWSS water distribution system will be included on both applications as alternate projects. Work for both projects is currently proposed to be completed within existing public right of ways or MAWSS easements. Excavations for the valve and main replacements will occur in ground that was previously disturbed in order for the existing valves and mains to be installed.

In accordance with the application, we are requesting an intergovernmental review on behalf MAWSS. Please provide a response from your agency in writing including any comments and concurrence with the proposed loan. Please direct your response to MAWSS, c/o Marcus Stacey, P.E., Volkert, Inc., 1110 Montlimar Dr., Suite 1050, Mobile, AL, 36609, or by email at marcus.stacey@volkert.com.


Please call me at (251) 599-1974 should you have any questions or require any additional information.

Sincerely,

Marcus Stacey, P.E.

Enclosures

c Mr. Douglas Cote, P.E. - MAWSS



U.S. Fish and Wildlife Service
1208-B Main Street – Daphne, Alabama 36526
Phone: 251-441-5181 Fax: 251-441-6222

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DEC 13 2022

William J. Pearson
Field Supervisor
Alabama Ecological Services Field Office

Date # 3