

CRC Infrastructure Sub-Committee

Project Identification Template and Instructions

For

MAWSS Low Pressure Sewer System To Replace On-Site Systems in Sensitive Riverine Areas

Project Identification Template

Instructions: Please complete all of the information requested with the best information you have available. Limited attachments are acceptable if necessary to adequately describe the project but the **total length should be limited to 6 pages** one-sided (including attachments). This Identification Template is intended as a preliminary mechanism by which proposals and projects to improve the resiliency of Coastal Alabama are solicited and captured with some consistency of format, scope definition, and project benefits and impact. **This is only a first step: proposals and projects will not be funded based upon this submittal. Further information and details will be solicited at such time as the screening and funding process is more fully defined.**

Responses should be received by December 7, 2010, to be included in the appendix the Coastal Recovery Commission Report to the Governor to be submitted December 15, 2010. Submittals after that date will be accepted for consideration but will not be included in the Project Appendix.

Completed Templates may be submitted:

- Electronically (.pdf preferred) to: crcalabama.templateresponse.com.
- By US mail to: Coastal Recovery Commission.

P.O. Box 881, Mobile, AL 36601-0881

I. What – Project Information/Basic Facts

1. Project Scope: In this project, it is proposed to construct a low pressure sewer system within riverine areas of the Dog River Watershed to service existing residential and commercial properties. Properties in these riverine areas are currently utilizing on-site septic systems to service their sewage disposal needs. In this project, it is also proposed to conduct an evaluation of the structural integrity of an existing major concrete sewer trunk

line, varying in size from 36" to 48", which conveys sewage collected within the Dog River Watershed to the C. C. Williams Wastewater Treatment Plant.

2. Project duration or schedule by phase and status of any work in progress 24 months

2.1. Conceptual and Feasibility Planning - 2 months

(Conceptual Analysis Partially Complete)

Engineering - 6 months

Construction - 16 months

3. Estimated Cost (plus or minus 30%) \$1,750,000

3.1. Indicate level of confidence in accuracy of these estimates Moderate

II. Why – Project Description relative to Impact and Criteria

1. Identify what need, threat or opportunity that this project, study, or recommendation will address: This project will address the need to remove on-site septic sewer systems from operation due to the threat they pose by their existence within environmentally sensitive riverine areas. It also addresses the need to evaluate an existing major concrete sewer force main, which conveys sewer from the Dog River Watershed given its aging service life.

2. How does this project or recommendation address and impact the recommended evaluation criteria:

2.1.1. Coastal Recovery: The proposed infrastructure will serve to preserve natural resources in our coastal area by protecting environmentally sensitive rivers, marshland, and delta systems from potential pollutants originating from on-site septic systems. It will also protect quality of life issues, as they relate to maintaining healthy fisheries and recreation opportunities associated with riverine.

2.1.2. Resiliency: The project reduces risk of infrastructure failure and reduces the potential of negative environmental and economic impacts from such failures.

2.1.3. Transformational: This projects infrastructure improvements will directly serve to enhance the environment within this coastal riverine area and improves quality of life issues that will be realized by removing a source of pollution in riverine areas.

2.1.4. Regionalism: This infrastructure project promotes healthier fisheries and the value of clean rivers as a recreational resource, all of which benefit commerce and quality of life issues throughout the Alabama Coastal region.

2.1.5. Economic Diversification: This project leverages both economic and quality of life values provided by having clean water resources such as those provided by riverine systems.

3. Project Economics Seeking funding sources for the construction of low pressure sewer mains and evaluation of large diameter sewer force main transmission line in the amount of \$1,750,000.

4. Identify Direct Project benefits to Coastal Alabama, including avoided costs, consequence of “No Build” alternative. This project removes the threat of pollution to riverine areas posed by on-site sewage septic systems that line the river’s banks and lie within the watershed. Without this project, sewage from these sources will continue to be a threat to this ecosystem and public health.

4.1. Impact on employment, job training and development, both short term and permanent This project will aid in protecting this coastal ecosystem, which is vital to local fisheries and will also aid in sustaining this natural resource as a destination for recreation opportunity to tourist and local communities.

4.2. Oil spill mitigation outside of claims process: Not applicable

5. Identify Indirect benefits and costs

5.1. Collateral Benefits to the objectives of Healthy Environment, Healthy Economy and Healthy Society (subjective responses allowed) Promotes the Alabama Coastal Regions as a community truly dedicated to preserving sensitive coastal ecosystems and being an environmentally friendly place to live and work.

5.2. Collateral Costs or impacts to the objectives of Healthy Environment, Healthy Economy and Healthy Society (subjective responses allowed) None anticipated

5.3. Connectivity and Linkage to other projects or initiatives: Does this project complement or compete with other projects? What other projects would be precluded if this project is funded? Compliments other coastal environmental protection initiatives

III. Who/How – General Information

1. Name and contact information for Entity, Collaboration or Person submitting project or recommendation nomination. **Mobile Area Water & Sewer System - Malcolm Steeves, Director**

1.1. Entities and communities sharing a common threat or need are encouraged to collaborate for a joint/combined project submittal to raise the profile of the issue and solution to be addressed. Also please indicate the level of community support or resistance and hurdles to collaboration.

2. Identify Sponsoring Entity for oversight and accountability if different from above.

2.1. Existing or to be created? Same as above

2.1.1. If to be created, what parties or interests must be involved and what level of effort is required to do so? Not applicable

2.2. Describe governance, organizational capacity, availability of skills, experience of sponsoring entity to implement the Project: MAWSS routinely provides for the governance over and implementation of such infrastructure projects.

2.3. Project complexity: Hurdles and barriers to project implementation, completion and sustainability. Identify regulatory issues. Obtaining a funding source is the biggest barrier to initiating this project. There are no significant regulatory issues anticipated.

3. Identify any known or anticipated administrative, regulatory, or legislative action that would be required at either the local, state, or federal governmental level. None anticipated other than typical permitting requirements for a construction project of this nature.

4. Requested funding from Coastal Recovery Fund (CRF) \$1,750,000

5. Identified potential funding sources other than the CRF None identified

5.1. Leverage or multiplier on CRF investment: matching funds, public or private None

5.2. Public Private Opportunities, user fees, Federal funds, private foundation grants, bonding capacity, etc. None identified.

6. Forecast of ongoing maintenance or operating costs and source of funding if not self sustaining Annual \$20,000