

CRC Infrastructure Sub-Committee

Project Identification Template and Instructions

For

MAWSS Big Creek Lake Reservoir Spill Containment Structure

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: The proposed project is to install a permanent spill containment structure to protect the Big Creek Lake Reservoir from spills associated with transportation mishaps and acts of terrorism that could contaminate the major source of Mobile regions drinking water supply. Currently, there is no mechanism in place to contain such spills entering the reservoir.
2. Project duration or schedule by phase and status of any work in progress 16 months

2.1. Conceptual and Feasibility Planning – 1 month

(Partially Complete)

Engineering – 4 months

Construction – 11 months

3. Estimated Cost (plus or minus 30%) \$2,275,000.00

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 provides a means to respond to and prevent the threat of contamination of Mobile's primary drinking water supply from spills from transportation mishaps and acts of terrorism.
2. How does this project or recommendation address and impact the recommended evaluation criteria:
 - 2.1.1. Coastal Recovery: The project provides a means of protecting a natural resource, which provides a critical source of water that is a key element in maintaining the regions quality of life.
 - 2.1.2. Resiliency: The project provides a mechanism to respond to spills and protect the regions major water supply which is vital to economic activities (local commerce) ability to maintain function.
 - 2.1.3. Transformational: The Big Creek Lake Reservoir is a natural resource, which, as a major source of water, is critical to sustaining quality of life, commerce, and economic vitality.
 - 2.1.4. Regionalism: This project is critical to the region, as it will protect its major water supply which serves/supports commercial interest throughout Mobile County and beyond.
 - 2.1.5. Economic Diversification: This project leverages the vital nature the reservoir serves as a reliable water supply source for Mobile Region and insures its protection and sustainability.

3. Project Economics Seeking funding source of \$2,275,000.00
4. Identify Direct Project benefits to Coastal Alabama, including avoided costs, consequence of "No Build" alternative. The project will serve to protect quality of life, and public health of region by protecting its vital water supply source. The project will protect against economic losses due to the inability of commerce to function in region without a reliable water source.
 - 4.1. Impact on employment, job training and development, both short term and permanent
The projects protects a water resource which is vital for economic growth and expansion
 - 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) The projects promotes the importance of the Big Creek Lake Reservoir as a vital natural resource and its protection as a vital part of our coastal areas environmental and economic health.
 - 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? Complements regional development 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) \$2,275,000.00
5. Identified potential funding sources other than the CRF FEMA Hazard Mitigation Grant (low probability)
- 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 \$15,000.00