

POTENTIAL DEEPWATER HORIZON OIL SPILL RESTORATION PROJECTS: PROVIDING INFORMATION TO ASSIST WITH PROJECT ASSESSMENT

To help you propose projects to the State of Florida's Department of Environmental Protection (DEP), we developed this project submission form. You are not required to complete this form to submit a project. However, completion of the form will help DEP gather the information required to completely and accurately evaluate a project against the selection and evaluation criteria. Where appropriate in the form, please provide references to any additional supporting information.

Project Name: *(Include project number from DEP's existing list of submitted projects, if applicable.)*

North Bay Collection System Improvements

Contact Information:

Paul Lackemacher, Bay County Utilities Director
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Location for Project Implementation: *(For example, city and county, GIS coordinates if known.)*

Southport, FL - St. Andrews Bay Watershed
Latitude 30.28 Longitude -85.63

Brief Project Narrative: *(Describe what the project will do.)*

Bay County is moving forward on a project to remove old failing Septic Tanks in the Southport Community to protect Class I and Class II water bodies in St. Andrews Bay and adjoining water bodies. When completed the area will be on Central Sewer owned and maintained by a large public utility.

Estimated Project Costs: *(Describe the costs of the project, including any assumptions for contingency and ongoing operations and maintenance. Identify other available funding sources such as matching funds, in kind contributions or state or federal dollars. If possible, attach a schedule of anticipated costs, by year, over the anticipated project life.)*

\$2,220,405.00

Anticipated Project Outcome with Respect to Screening Criteria

S1. Technically and administratively feasible: *(Briefly describe the critical technologies involved and any relevant past experience with similar projects.)*

BCUS is a large public Utility and manages three Wastewater Treatment Plants with 160 miles of collection systems and 60 mgd Water Treatment Plant that serves 150,000 people with 290 miles of distribution system. BCUS is fully capable of administering the project in its entirety. The area being considered currently has a new Wastewater Plant with available capacity.

S2. Provides environmental benefits: *(Briefly describe the nature, magnitude, and timing of any environmental benefits attributable to the project and any potential environmental costs associated with implementing or maintaining the project, e.g., loss of a habitat or conversion of habitat from one type to another during implementation.)*

The high density of Septic Tanks allows nutrients and bacteriological pollution into the water bodies (surface and ground). With Septic Tanks removal, the water quality of Deer Point Reservoir and St. Andrews Bay will be greatly improved. Additionally, the Wastewater Facility recharges the surficial aquifer with highly treated effluent.

S3. Does not conflict with any ongoing or planned response or remediation work: *(Briefly describe ongoing response activities in the project implementation area, if any, and why the project does or does not interfere with that work.)*

N/A

S4. Complies with applicable and relevant federal, state, local, and tribal laws and regulations: *(No information is needed for this screening criteria.)*

All applicable federal, state, local, and tribal laws and regulations will be adhered to.

Anticipated Project Outcome with Respect to Evaluation Criteria

E1. Will restore, rehabilitate, or replace a natural resource or service¹ believed/demonstrated to have been injured as a result of the Deepwater Horizon oil spill or associated response activities: *(Briefly describe the nature of any relationship between the new/improved resources or services and those adversely impacted by the oil spill.)*

The removal of hundreds of septic tanks will help to improve the waters that have been affected. The project will enhance the ecological, physical, chemical, and biological function of the Class I and Class II waters in Bay County.

¹ In this form, "Services" (or "natural resource services") refers to the functions performed by a natural resource for the benefit of another natural resource and/or the public. Services can be "ecological services" – physical, chemical or biological functions that one natural resource provides for another (such as provision of food) – or "human services" – the use of natural resources used by humans that provide value to the public (such as hunting and fishing).

E2. Is located in, or nearby, resources or services injured by the deepwater horizon spill: *(Briefly describe where the project would be implemented with respect to past/ongoing remediation work.)*

Bay County, FL Class I and Class II waterways in St. Andrews Bay and adjoining Bayous.

E3. Is ready for implementation, e.g., design, permitting, and necessary impacts assessments have been completed: *(Briefly describe where in the permitting process the project stands along with an estimated date of when the project can be implemented if it is not currently ready.)*

75% Design plans and completed the Environmental Resources Permit (ERP), which is ready for submission.

E4. Is cost effective: *(Briefly describe why you think the project is cost effective. Discuss whether this project is more cost effective than alternative projects which would provide similar resource or service benefits.)*

A Low Pressure Sanitary Sewer System is the most cost effective design in an area with a high water table and very little elevation difference.

E5. Has a high potential for long-term success as demonstrated by incorporating established/reliable methods and technologies: *(Briefly describe if/how critical methods and technologies that will be used to implement the project could be considered reliable or proven.)*

Failing Septic Tanks are very detrimental to the environment. The waste, upon completion, will be treated at a FDEP permitted Public Utility Wastewater Treatment Facility.

E6. Is likely to provide benefits rapidly following implementation: *(Briefly describe the anticipated change in benefits anticipated over time.)*

Remove failing Septic Tanks and connect to a large public owned and maintained utility. The results are immediate after completion of construction and activation.

E7. Has a high likelihood of public acceptance: *(Briefly describe evidence to support the given answer based on surveys or results and assessments from past projects. Known or likely opposition to a project should be recognized.)*

Yes; Public wastewater services are in very high demand in the subject area.

WE WANT YOUR INPUT!

Submit this form via email to Jessica Kanes at Jessica.Kanes@dep.state.fl.us . If you have any questions or concerns about the process for submitting a project, please contact:

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A current summary of projects is accessible through the Florida DEP's website at <http://www.dep.state.fl.us/deepwaterhorizon/projects.htm> (click on "View the list of restoration project ideas").