

**JACKSON COUNTY MISSISSIPPI COASTAL IMPACT ASSISTANCE PLAN
TIER 1 PROJECT DESCRIPTION**

1. PROJECT TITLE: Ocean Beach Estates Wastewater Collection System, Phases 1, 2 and 3

2. LEAD ORGANIZATION/AGENCY: Jackson County Utility Authority

3. FEDERAL TAX ID NUMBER: 64-0652582

4. PROJECT LEAD/POINT OF CONTACT:

Curt Miller, Christine Williams
1201 Louis Alexis Trail
Gautier, MS 39553
PHONE: (228)762-0119
FAX: (228)762-3299
christinewms@bellsouth.net

5. PROJECT SUMMARY

LOCATION OF PROPOSED PROJECT: The Ocean Beach Estates project area is primarily east of the south end of Belle Fontaine Rd. The Ocean Beach Estates subdivision is an area adjacent to Graveline Bayou and the Mississippi Sound in Section 8, Township 8 South, Range 7 West in south central Jackson County.

DURATION OF PROPOSED PROJECT: 3 Years; funding request in FYs 2008, 2009 and 2010.

PROPOSED START DATE: September 2008

PROPOSED END DATE: December 2011

PROJECT GOAL: To provide a wastewater collection and transportation system for approximately 500 homes in Ocean Beach Estates which will discontinue the use of failing septic systems and ultimately eliminate a direct pollution source to the Mississippi Sound.

PROJECT OBJECTIVES: The objectives of this project are to plan, design and install wastewater grinder pumps at 500 existing homes in Ocean Beach Estates and install the piping necessary to transport the wastewater from the homes to a nearby regional wastewater pumping station to be further transported to a regional wastewater facility for treatment.

PROJECT SUMMARY: Over 500 home sites in the Ocean Beach Estates area are in need of being sewerred because of failing septic systems – a direct pollution source

to the Mississippi Sound. One contributing factors of the failing septic systems is poor soil quality combined with a naturally high water table in this coastal area. The field lines in the septic systems are not able to work properly due to these conditions. A wastewater collection system is greatly needed to remedy this situation and to mitigate future damage to the surrounding environment.

This project is the planning, design, and construction of a low pressure wastewater collection and transportation system to serve the Ocean Beach Estates subdivision and surrounding areas in south central Jackson County. This project will be built in two parts, with each part consisting of two or more phases. The project design includes installation of the low pressure force main piping required to transport the wastewater to the Jackson County Utility Authority’s (JCUA) Pump Station No. 23, grinder pump stations at each home and all equipment, plumbing, and electrical work necessary to make the system fully operational. This project is being designed to benefit all residents in the area and to keep costs low by trying to connect all existing homes in the area to the new system at little or no cost to the home owners.

PARTNERS/COLLABORATORS: The JCUA will collaborate with the Jackson County Board of Supervisors, the Mississippi Department of Environmental Quality, the Department of Health, the West Jackson County Utility District, and the U.S. Army Corps of Engineers.

BUDGET AND SPENDING ESTIMATE BY YEAR:

Table 1: CIAP Projected Budget

Budget Category	2008	2009	2010	2011	Total
Total Allocation Phase 1 (FY 2008)	\$333,000	\$1,000,333			\$1,333,333
Budget Category	2009	2010	2011	2012	Total
Total Allocation Phase 2 (FY 2009)		\$1,333,333			\$1,333,333
Budget Category	2010	2011	2012	2013	Total
Total Allocation Phase 3 (FY 2010)		\$1,333,334			\$1,333,334
Total Budget Amount					\$4,000,000

Total estimated expense by calendar year:

2008 \$333,000
 2009 \$1,000,333
 2010 \$1,333,333
 2011 \$1,333,334

6. AUTHORIZED USES:

Table 2: Primary Authorized Use

Mark one	Authorized Uses of CIAP Funds (as specified by law)
	1. Project and activities for the conservation, protection, or restoration of coastal areas, including wetland
X	2. Mitigation of damage to fish, wildlife, or natural resources.
	3. Planning assistance and administrative costs of complying with CIAP (for DMR, Harrison, Hancock and Jackson County Administrative Projects only).
	4. Implementation of a federally-approved marine, coastal, or comprehensive conservation management plan.
	5. Mitigation of the impact of OCS activities through funding of onshore infrastructure projects and public service needs.

HOW THIS PROJECT IS CONSISTENT WITH ONE OR MORE OF CIAP’S AUTHORIZED USES?

This project is consistent with CIAP Authorized Use 2, because it will assist the City in mitigating impacts to water quality and wetlands habitat in Graveline Bayou and the Mississippi Sound by discontinuing use of septic tanks at 500 homes in Ocean Beach Estates. This project will provide for the proper collection and treatment of sanitary sewer and will help reduce the threat to public health and safety by stopping the direct source of pollution that is occurring in the area. It will also protect and improve the integrity of sensitive natural wetlands, the adjacent waters of Graveline Bayou, the Mississippi Sound and other drainages in the area.

The Ocean Beach Estates subdivision is experiencing failing septic tanks systems at an alarming rate. These failing septic tanks systems pose as a real and immediate threat to public health and safety and are a direct pollution source to the environmentally sensitive surface and ground water, associated plant and animal life, and the adjacent major bodies of water in the area. A moratorium on new construction has been place on the Ocean Beach Estates area due to the high percentage septic tank failures.

Construction of this low pressure wastewater collection and transportation system will also eliminate the use of new individual on-site septic tanks in planned new developments and will help prevent future sources of pollution (failing septic tank systems), protect public health and improve the area’s sensitive natural resources.

7. WILL CIAP FUNDS BE USED FOR COST SHARING OR MATCHING PURPOSES FOR ANOTHER FEDERAL PROGRAM? ___ YES X NO.