

VALKARIA CHEMICAL STORAGE FACILITY

Dept: Mosquito Control

Program: Countywide Mosquito Control

Project Total: \$ 100,000

Project Description

There is no separate chemical storage facility at the Valkaria location. Currently, some chemicals are housed in the same building as the workforce. The manufacturer recommends that pesticide chemicals be stored in a climate controlled location, separate from employees. This project will install a climate controlled building compliant with hurricane codes.

Service Impact

Current storage does not comply with the manufacturers' recommendation for chemical storage. Moving chemicals out of the climate controlled office building may degrade the effectiveness of the chemicals for controlling mosquitoes.



Project Milestones

- March 2018 - Initiate design
- October 2018 - Begin Construction

Start Date: Oct 1, 2018 **End Date:** Dec 31, 2018

Project Manager: Shannon (Robert) Maginnis

Funded Program #: 6501311

Projected Revenue	All Prior Fiscal Years	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23 & Future	Total Revenue
Ad Valorem Taxes	\$	\$ 80,000	\$ 20,000	\$	\$	\$	\$	\$ 100,000
	\$	\$	\$	\$	\$	\$	\$	\$
	\$	\$	\$	\$	\$	\$	\$	\$
	\$	\$	\$	\$	\$	\$	\$	\$
	\$	\$	\$	\$	\$	\$	\$	\$
Total Revenue	\$	\$ 80,000	\$ 20,000	\$	\$	\$	\$	\$ 100,000

Projected Expenses	All Prior Fiscal Years	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23 & Future	Total Costs
Land	\$	\$	\$	\$	\$	\$	\$	\$
Planning/Design	\$	\$ 20,000	\$	\$	\$	\$	\$	\$ 20,000
Construction	\$	\$	\$ 80,000	\$	\$	\$	\$	\$ 80,000
Other	\$	\$	\$	\$	\$	\$	\$	\$
Total Expense	\$	\$ 20,000	\$ 80,000	\$	\$	\$	\$	\$ 100,000

Operating Expenditures (Savings)	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23 & Future	Total Impact
Personnel	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Operating	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Capital	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Debt Service	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Total Impact	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0

MOSQUITO IMPOUNDMENT LAND PURCHASE

Dept: Mosquito Control

Program: Countywide Mosquito Control

Project Total: \$ 100,000

Project Description

Purchase land for mosquito impoundment operations. A mosquito impoundment is a saltwater marsh with an earthen dike around the perimeter that allows the area to be artificially flooded during the mosquito breeding season. Flooding the impoundment with water from the surrounding lagoon system prevents the salt marsh mosquito larvae from emerging as adults.

Service Impact

Approximately fifty percent of the mosquito populations in the County (BCMCD) are suppressed by the use of impoundments. Impoundments ensure that the populations are suppressed largely without the use of pesticides. They are a combination of "source reduction" and "biological control".



Project Milestones

- April 2019 Select Property
- September 2019 Closing

Start Date: Apr 1, 2019 **End Date:** Sep 30, 2019

Project Manager: Shannon (Robert) Maginnis

Funded Program #:

Projected Revenue	All Prior Fiscal Years	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23 & Future	Total Revenue
Ad Valorem Taxes	\$	\$	\$ 100,000	\$	\$	\$	\$	\$ 100,000
	\$	\$	\$	\$	\$	\$	\$	\$
	\$	\$	\$	\$	\$	\$	\$	\$
	\$	\$	\$	\$	\$	\$	\$	\$
	\$	\$	\$	\$	\$	\$	\$	\$
Total Revenue	\$	\$	\$ 100,000	\$	\$	\$	\$	\$ 100,000

Projected Expenses	All Prior Fiscal Years	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23 & Future	Total Costs
Land	\$	\$	\$ 100,000	\$	\$	\$	\$	\$ 100,000
Planning/Design	\$	\$	\$	\$	\$	\$	\$	\$
Construction	\$	\$	\$	\$	\$	\$	\$	\$
Other	\$	\$	\$	\$	\$	\$	\$	\$
Total Expense	\$	\$	\$ 100,000	\$	\$	\$	\$	\$ 100,000

Operating Expenditures (Savings)	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23 & Future	Total Impact
Personnel	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Operating	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Capital	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Debt Service	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Total Impact	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0

Rev: 02/20/2018