



Brevard County Board of County Commissioners

2725 Judge Fran Jamieson
Way
Viera, FL 32940

Legislation Text

File #: 5592, **Version:** 1

Subject:

Interlocal Agreement Between Sebastian Inlet District and the Brevard Mosquito Control District for Acquisition of Non-Beach Compatible Material

Fiscal Impact:

FY2022-2023 - estimated \$137,018 in savings for the repair of a hurricane-damaged mosquito impoundment.

Dept/Office:

Mosquito Control

Requested Action:

It is requested that the Brevard Mosquito Control District Board:

- 1) Authorize the Mosquito Control District to enter into an Interlocal Agreement for Acquisition of Non-Beach Compatible Material with Sebastian Inlet District; and
- 2) Authorize the Board Chair to sign on behalf of the Mosquito Control District.

Summary Explanation and Background:

Hurricanes Ian and Nicole caused significant erosion damage to the Crystal Lakes Mosquito Control Impoundment in the fall of 2022. An estimated 9,688 cubic yards of fill material is needed for the repair of a large section of the impoundment dike which was specifically damaged by Hurricane Ian.

The Sebastian Inlet District has approximately 9,000 cubic yards of non-beach compatible material available in their Dredged Material Management Area (DMMA). Mosquito Control has assessed the available material and determined it to be suitable to repair the impoundment dike. According to the conditions set forth in the Interlocal Agreement, the Inlet District would provide this material at no cost, and Mosquito Control would load and transport the material from the DMMA site to the impoundment for hurricane dike repairs. The net expenses include costs associated with rental equipment, labor and transport, while the costs associated with material placement on the impoundment are excluded as they would not be impacted by the mode of transport. The estimated 688 cubic yards of additional material required for the repair, beyond the 9,000 cubic yards available at the DMMA, will be provided by alternative means if necessary. A total project savings of \$137,018 is estimated, which reduces the cost of obtaining material for Hurricane Ian dike repair from \$231,059 to \$94,041.

Mosquito Control has been actively managing approximately 28,000 acres of mosquito impoundments within the Indian River Lagoon, including this Crystal Lakes impoundment, to effectively control the local salt marsh mosquito population for approximately 60 years. Once hurricane repairs are completed at the Crystal Lakes Impoundment, Mosquito Control will seek a Federal Emergency Management Agency (FEMA) reimbursement

for repairs and move forward with a shoreline resiliency project to protect the hurricane-impacted dike area, using grant funding that was recently awarded by the Florida Department of Environmental Protection (FDEP).

Clerk to the Board Instructions:

Please call Mosquito Control at 264-5032 when the fully executed Interlocal Agreement is ready for pick up.