



Agenda Report

2725 Judge Fran Jamieson
Way
Viera, FL 32940

Consent

F.1.

11/14/2023

Subject:

Approval to submit grant application and execute associated agreement, modifications and amendments upon awarding of the Department of Environmental Protection's (DEP) Wetlands Restoration and Protection Grant for the Jefferson Marsh Mosquito Impoundment Culvert Project.

Fiscal Impact:

FY 2024-2025 - Estimated \$45,400 in-kind match for labor and materials from Mosquito Control District funds (1090-258000); \$23,100 from DEP grant funds to purchase five culverts with water control structures and associated materials.

Dept/Office:

Mosquito Control

Requested Action:

It is requested that the Brevard Mosquito Control District Board/ Board of County Commissioners:

- 1) approve the Mosquito Control District to apply for the DEP Wetlands Restoration and Protection Grant (DEP is currently prioritizing initial project proposals)
- 2) authorize the County Manager to execute the grant agreement, future grant amendments and modifications, if grant is awarded by DEP, upon review and approval by the County Attorney's Office, Risk Management, and Purchasing Services
- 3) authorize the County Manager to approve all associated budget change requests.

Summary Explanation and Background:

Jefferson Marsh Impoundment is a 155-acre mangrove and salt marsh wetland that is ecologically managed for controlling mosquitoes. The impoundment is currently connected to the open Indian River Lagoon by three culverts located within a 10,085-foot-long earthen dike. This proposed project will add five culverts with flash board riser water control structures to allow additional water exchange and fish passage between the impoundment and the open lagoon system. Mangrove and salt marshes have been found to reduce nutrients in aquatic habitats; therefore, the increased water exchange between the impoundment and lagoon system is expected to also improve water quality in adjacent lagoon areas. If approved, grant funding would pay for the five culverts, water control structures, and associated shoreline protection materials (i.e., fabric, stone, and rip rap) to be placed around the lagoon-ward side culvert openings. As an in-kind local match, Brevard Mosquito Control District would provide the labor and equipment needed for the installation between October 1, 2024 and September 30, 2025.

Mosquito Control has been actively managing approximately 28,000 acres of mosquito impoundments within the Indian River Lagoon, including the Jefferson Marsh impoundment, for the ecological control of local salt marsh mosquito populations for approximately 60 years.

Clerk to the Board Instructions:

N/A



Kimberly Powell, Clerk to the Board, 400 South Street • P.O. Box 999, Titusville, Florida 32781-0999

Telephone: (321) 637-2001
Fax: (321) 264-6972
Kimberly.Powell@brevardclerk.us

November 15, 2023

M E M O R A N D U M

TO: Joseph Faella, Mosquito Control Director

RE: Item F.1., Approval to Submit Grant Application and Execute Associated Agreement, Modifications, and Amendments upon Awarding of the Department of Environmental Protection's (DEP) Wetlands Restoration and Protection Grant for the Jefferson Marsh Mosquito Impound Culvert Project

The Board of County Commissioners, in regular session on November 14, 2023, approved the Mosquito Control District to apply for the DEP Wetlands Restoration and Protection Grant, with DEP currently prioritizing initial project proposals; authorized the County Manager to execute the Grant Agreement, future grant amendments, and modifications, if grant is awarded by DEP, upon review and approval by the County Attorney's Office, Risk Management, and Purchasing Services; and authorized the County Manager to approve all associated Budget Change Requests.

Your continued cooperation is greatly appreciated.

Sincerely,

BOARD OF COUNTY COMMISSIONERS
RACHEL M. SADOFF, CLERK

for: Denna Scott
Kimberly Powell, Clerk to the Board

cc: County Manager
Finance
Budget