



# Agenda Report

2725 Judge Fran Jamieson  
Way  
Viera, FL 32940

## Consent

F.1.

8/27/2024

### 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 Honest Johns Impoundment Culvert Project.

### Fiscal Impact:

FY2024-2025 to FY2025-2026 - Estimated \$23,100 in-kind match for labor and materials from Mosquito Control District funds (1090-258000); \$15,600 from DEP grant funds to purchase three 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:

Honest Johns Impoundment is a 205-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 existing culvert systems located within a 6,612-foot-long earthen dike. This proposed project will replace three culverts with flash board riser water control structures to improve 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 three 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 January 1, 2025, and April 30, 2026.

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

**Clerk to the Board Instructions:**

N/A



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Kimberly.Powell@brevardclerk.us

August 28, 2024

**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 Honest John's Impoundment Culvert Project

The Board of County Commissioners, in regular session on August 27, 2024, approved the Mosquito Control District to apply for the DEP Wetlands Restoration and Protection Grant (DEP is 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 always appreciated.

Sincerely,

BOARD OF COUNTY COMMISSIONERS  
RACHEL M. SADOFF, CLERK

A handwritten signature in cursive script, appearing to read "Kimberly Powell", is written over the typed name.

Kimberly Powell, Clerk to the Board

/sm

cc: County Manager  
Finance  
Budget