

MEMORANDUM

Agenda Item No. 8(L)(2)

TO: Honorable Chairman Oliver G. Gilbert, III
and Members, Board of County Commissioners

DATE: September 4, 2024

FROM: Geri Bonzon-Keenan
County Attorney

SUBJECT: Resolution waiving, by a two-thirds vote of the full membership of the Board of County Commissioners, the resident elector requirement of section 2-11.38 of the Code of Miami-Dade County and appointing Jannek Cederberg, P.E. to the Miami-Dade County Biscayne Bay Watershed Management Advisory Board for a four-year term

Resolution No. R-753-24

The accompanying resolution was prepared by the Regulatory and Economic Resources Department and placed on the agenda at the request of Prime Sponsor Commissioner Danielle Cohen Higgins.



Geri Bonzon-Keenan
County Attorney

GBK/ks

MDC001

Memorandum



Date: September 4, 2024

To: Honorable Chairman Oliver G. Gilbert, III
and Members, Board of County Commissioners

From: Daniella Levine Cava 
Mayor

Subject: Appointment to the Biscayne Bay Watershed Management Advisory Board;
Waiving Resident Elector Requirement

Executive Summary

Appointment to the Biscayne Bay Watershed Management Advisory Board of Jannek Cederberg, P.E., board member at large representing the Florida Engineering Society.

Recommendation

It is recommended that the Board of County Commissioners waive the resident elector requirement and appoint Jannek Cederberg, P.E., to the Biscayne Bay Watershed Management Advisory Board as the representative of the Florida Engineering Society. Mr. Cederberg was removed from the Advisory Board due to failure to submit the Financial Disclosure form on time. The Office of Resilience has confirmed that Mr. Cederberg is now up to date with his financial disclosure requirements and the Florida Engineering Society continues to support Mr. Cederberg's representation on the Advisory Board.

Scope

The recommendations and actions of the Biscayne Bay Watershed Management Advisory Board have countywide impact.

Delegation of Authority

The proposed resolution does not delegate authority to the County Mayor or County Mayor's designee.

Fiscal Impact/Funding Source

There is no fiscal impact associated with appointing Jannek Cederberg, P.E., to the Advisory Board. The primary cost of the Advisory Board is staff time by the County's Chief Bay Officer team and technical and professional staff throughout County departments, who also provide necessary support. Additional costs, including those associated with hosting summits and conferences for the purpose of developing the Watershed Recovery Plan will be included in the Office of Resilience's annual budget.

Track Record/Monitor

The Advisory Board is staffed by the Chief Bay Officer team and support staff from the Office of Resilience. Technical and professional support staff is also provided by the Department of Regulatory and Economic Resources, Division of Environmental Resources and Management (DERM), and Water and Sewer Department (WASD). The Office of Resilience will provide

Honorable Chairman Oliver G. Gilbert, III
and Members, Board of County Commissioners

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technical information regarding projects aimed at reducing pollution and nutrients in the bay on a regular basis.

Background

The Miami-Dade County Biscayne Bay Watershed Management Advisory Board (Advisory Board) was created by the Board of County Commissioners, through Ordinance No. 21-72, as recommended by the Biscayne Bay Task Force. The Advisory Board was created by enacted Article CLXIV of Chapter 2, Sections 2-2420 to 2-2426 of the Code of Miami-Dade County (Code) as a permanent board established to advise the Board of County Commissioners (“BCC”) and the County Mayor on issues related to Biscayne Bay, including, but not limited to, (1) the long-term management of Biscayne Bay, (2) health of the marine community, (3) run-off and other impacts to water quality, (4) marine debris, (5) education and outreach, (6) economic development and vitality related to Biscayne Bay, and (7) how conditions in Biscayne Bay may affect residents and property owners. These recommendations to the Board of County Commissioners will be used to update chapter 24 of the Code of Miami-Dade County to incorporate a new management plan and prioritize projects for Biscayne Bay. In addition, the advisory board provides a local perspective on Biscayne Bay problems, issues, and solutions.

The advisory board consists of 21 members. Pursuant to Sec. 2-2421 of the Code, 14 of the members are representatives from various entities and organizations, as recommended by the respective entities and organizations, as follows:

1. One representative from the Miami River Commission, recommended by the Miami River Commission;
2. Three representatives with scientific expertise from each of, and as recommended by, the following institutions: one from the Florida International University Institute of Environment, one from the University of Miami Rosenstiel School of Marine and Atmospheric Science, and one from the National Oceanic and Atmospheric Administration;
3. One representative from Biscayne National Park, as recommended by the Superintendent of Biscayne National Park;
4. One representative from the Greater Miami Visitors and Convention Bureau, as recommended by the Greater Miami Visitors and Convention Bureau;
5. One representative of the development industry, as recommended by the South Florida Builders Association;
6. One representative who is a coastal engineer working in Miami-Dade County, as recommended by the Florida Engineering Society;
7. One representative who works in banking and finance in Miami-Dade County, as recommended by the Greater Miami Chamber of Commerce;

Honorable Chairman Oliver G. Gilbert, III
and Members, Board of County Commissioners

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8. One representative of the marine or boating industry, as recommended by the Miami Marine Council;
9. One representative of the agricultural industry, recommended by the Dade County Farm Bureau;
10. One representative of the Miccosukee Tribe, as recommended by the Miccosukee Tribe; and
11. Two representatives from environmental groups, one recommended by the Nature Conservancy and one recommended by the Biscayne Bay Marine Health Coalition.

After nominees are recommended for appointment pursuant to the procedure in Ordinance No. 21-72, such nominees may be appointed to the Advisory Board by the Board of County Commissioners via resolution. The following nomination from the Florida Engineering Society was submitted to the County and is recommended for appointment to the Advisory Board.

The Florida Engineering Society

The Florida Engineering Society has recommended Jannek Cederberg, P.E., for appointment. Correspondence from the Florida Engineering Society and the resume of the nominee are included in Attachment A.

Please note staff has verified that the nominee, Mr. Cederberg, is a permanent resident of Miami-Dade County and has verified that Mr. Cederberg is not an elector of Miami-Dade County. Pursuant to section 2-11.38 of the Code, “[a]ll members of County boards shall be permanent residents and electors of Miami-Dade County unless the Board of County Commissioners, by a two-thirds vote of its membership, waives this requirement.”

The attached resolution waives the resident elector requirement in section 2-11.38 of the Code and appoints Mr. Cederberg to a term of four years. This waiver is necessary for the appointment, as discussed above.



Jimmy Morales
Chief Operating Officer

Memorandum



Date: July 9, 2024

To: Eugene Love, Agenda Coordinator

From: Jimmy Morales
Chief Operating Officer

Subject: Appointment to the Miami-Dade County Biscayne Bay Watershed Management Advisory Board of Mr. Jannek Cederberg, P.E.

I am respectfully requesting that the Resolution Approving the Appointment to the Miami-Dade County Biscayne Bay Watershed Management Advisory Board of Jannek Cederberg, P.E. be placed on the July 9th, Port Miami, Resiliency, and Sustainability Committee agenda.

On July 20, 2021, the Board of County Commissioners through Ordinance No. 21-72, established the Miami-Dade County Biscayne Bay Watershed Management Advisory Board (Advisory Board). The Advisory Board has met regularly since that time. This late memo is being requested due to the importance of having a coastal engineer representing the Florida Engineering Society on the Advisory Board. The Advisory Board met on April 5 and May 31 this year. The next meeting is tentatively scheduled for September 13, and the Board would greatly benefit from having the expertise of Mr. Cederberg. In addition, we have lost three members this year for various reasons and facilitating Mr. Cederberg's appointment will help ensure we have broad participation for that meeting.

Therefore, please process the item for the above referenced agenda. I am aware that this item is subject to approval for placement on the agenda by the Board Chairman, and review by the Office of the County Attorney.

A blue ink signature of Jimmy Morales, written over a horizontal line.

Approved by Mayor or Mayor's Designee

Jimmy Morales
Print Name

A blue ink signature of Nicole Tallman, written over a horizontal line.

Approved by Policy Director or Designee
Signature

Nicole Tallman
Print Name

cc: Geri Bonzon-Keenan, County Attorney
CAOagenda@miamidade.gov

ATTACHMENT A



May 3, 2024

Nancy Jackson, MPA
Biscayne Bay Program Director
Miami-Dade County Office of Resilience
111 NW 1st Street, 17th Floor
Miami, FL 33128

Dear Nancy Jackson, MPA:

The Florida Engineering Society Miami Chapter nominated Jannek Cederberg, P.E. for appointment to the Biscayne Bay Watershed Management Advisory Board, as it was approved and recorded during our Executive Board meeting dated November 10, 2021. Mr. Cederberg is a Professional Engineer in the state of Florida with over two decades of expertise as a coastal engineer in resiliency and with environmental-related projects throughout South Florida and Miami-Dade County.

The FES Miami Chapter continues to support the choice of Mr. Cederberg for this position. We fully endorse him to continue his nomination (as previously approved) and continued participation on the board.

Sincerely,

A blue ink signature of Shari Ramirez, written in a cursive style.

Shari Ramirez, PE
Florida Engineering Society
Miami Chapter President

A blue ink signature of Jose L. Acosta, written in a cursive style.

Jose L. Acosta, PE
Florida Engineering Society
Miami Chapter Past President



YEARS OF EXPERIENCE

• 23

EDUCATION

- MSc Coastal Engineering, Technical University of Denmark

LICENSES

- Florida PE No. 69839

PROFESSIONAL AFFILIATIONS

- Permanent International Association of Navigation Congress
- Member of PIANC Working group Design and Operational Guidelines for “Superyacht Facilities”
- Danish Society of Hydraulic Engineering
- Florida Association of Environmental Professionals
- Port Everglades Association
- Florida Engineering Society Miami Chapter
- Florida Bar’s Environmental and Law Use Law Section
- Biscayne Watershed Management Advisory Board

As Principal Engineer, Jannek is responsible for all engineering production including scheduling, resource allocation, and quality management. He is formally trained as a coastal and marine engineer from the Technical University of Denmark. He has more than twenty years of experience in coastal and marine engineering. Jannek is a registered professional Engineer in the United States, and he has completed engineering analyses, designs and permitting for a variety of shore protection, beach nourishment, river, cruise ship, marina and waterfront projects throughout Florida, the Caribbean and Central America.

RELEVANT PROJECT EXPERIENCE

FDOT D1 Coastal Asset Management, Collier County, Florida. (Phase I complete, Phase II ongoing). Principal engineer responsible for conducting extensive research to assess the vulnerability of coastal assets in FDOT District 1 counties, the first district-wide sea level rise analysis effort for FDOT. The scope included creation of future tidal projections based on evaluating historical tidal measurements and the expected impact of climate change to sea level rise, local to District 1, until the year 2100. These projections were applied in a water level analysis to identify critical low-lying infrastructure throughout the district that is at risk to sea level rise and storm surge.

Dinner Key Marina Breakwaters Mitigation, City of Miami, Florida. Principal engineer for resiliency and mitigation improvements to one of the largest public marinas on the east coast of the US. Originally created in the early 1900’s, man-made spoil islands have provided protective services to upland areas including the historic Pan Am Seaplane Terminal in the 1930s but have worn over time and sustained considerable damage from Hurricane Irma in 2017. Scope includes restoration, increase in sea level rise resilience and storm protection, recreational enhancements, and consideration of potential additional funding opportunities.

Biscayne Point Dredging, Miami Beach, FL (Ongoing). Senior coastal engineer overseeing dredge design template for improved navigation within an existing residential canal. Coordinated with federal, state, and local regulatory agencies to develop mitigation requirements, identify potential dredge material management options, provided technical review, and oversight of geotechnical investigation.

Currie Park Redevelopment, West Palm Beach, Florida. Principal engineer for all the waterfront design for the Currie Park Redevelopment project. Project includes marine surveying, engineering design, environmental permitting, and grant implementation support for the waterfront work including rock revetment, living shoreline, boat ramp improvements, kayak launches, new over water piers and boardwalks, and “social” steps down to the water.

Adaptive Redesign of Jose Marti Park, City of Miami, Florida. Serving as a model for resilient waterfront parks that can adapt to current and future flood rises associated with climate change and sea level rise, this project explores ways to minimize tidal flood impacts and enhance waterfront access

to residents. Responsible for the inundation modeling, and waterfront engineering design, while the environmental team led the permitting, coordination with FIND, and grant management.

Miami-Dade County Waterfront Parks Sea Level Rise & Flood Mitigation Roadmap, Coral Gables, Florida. Senior project manager for analysis of the impacts of sea level rise on park's infrastructure and operations, as well as flood mitigation concepts for planning and budgeting. Compiled existing survey and LiDAR data to prepare general topographic map; infrastructure condition assessment, remaining service life and adaption feasibility relative to sea level rise; assessment of environmental conditions on site to understand and document current conditions, as it would relate to environmental permitting; conducted an engineering analysis to provide extreme tide water levels; developed flood mitigation concepts and preliminary cost estimates; coordinated stakeholder involvement; and developed an implementation strategy. Project sites included Matheson Hammock, Crandon, Haulover, Virginia Key, Biscayne Shores and Gardens, Blackpoint Marina, and Homestead Bayfront Park.

Crandon Park Marina Sedimentation Study, Key Biscayne, Florida. Senior project manager leading tidal hydrodynamic modeling, wave, and sediment transport analyses to determine source and magnitude of marina sedimentation problem. Field investigations included bathymetric surveying, tide and current measurements, marine resource survey, and sediment sampling. Alternative assessments of potential coastal structures were explored to prevent sedimentation and need for periodic dredging.

Town of Bay Harbor Islands Resiliency and Seawall Condition Assessment, Bay Harbor Islands, Florida. Shoreline assessment and island resiliency study for the entire Town of Bay Harbor Islands. The shoreline assessment included 20,000 LF of shoreline, including seawalls, rock revetment, residential areas, bridges, and the causeway that connects the Town to the mainland. LiDAR survey data was processed to provide 3D elevation map, and an analysis of the water levels to predict sea level rise, along with tidal data analysis.

Vizcaya Museum & Gardens Storm Surge Protection Wall, Miami, Florida. Site plan, engineering design, and environmental wetland restoration at historic waterfront garden. Grant application, regulatory permitting, and engineering design for marine works. Wall design with reinforced concrete able to withstand storm surge and high wave loads associated with tropical storm event.

Regional Sediment Transport Study, Miami, Florida. Shoreline and sediment transport studies performed on the coast of Miami-Dade County between Bakers Haulover Inlet and Government Cut. Numerical modeling conducted utilizing DHI MIKE 21 and LITPACK software to simulate waves and nearshore coastal processes.

Dade Boulevard Seawall Replacement, Miami Beach, Florida. Marine engineering and construction drawings for 2,670 LF of seawall replacement with steel sheet pile and reinforced concrete cap. Structural design of barrier wall connection to cap, and utility crossover detail for FPL 69KV oil-filled transmission line. Pre-construction seawall inspection of opposite shoreline, and vibration monitoring during pile driving activity.

Winston Tower 700, Sunny Isles Beach, Florida. Construction of 240 LF of seawall and repair of 800 LF seawall for shoreline stabilization at large condominium. Above and below water condition inspection, seawall replacement and repair design, permit application and processing with DERM, USACE, and FDEP, construction administration.

One Miami Condominium, Miami, Florida. Above and below water structural inspection of 900 LF of bulkhead consisting of steel sheet piles, reinforced concrete cap, and concrete mat scour protection. Prepared engineering report to document investigation, including specific deficiencies, conditions rating and cost estimate for recommended repairs.

FDEP Bahia Honda Road Improvements, Big Pine Key, Florida. Coastal engineering consulting services for resilient road improvements at Bahia Honda State Park. Improvements include raising the elevation of the unpaved road to mitigate the impacts of sea level rise and reduce the frequency of flooding events on the existing 0.2-mile road to employee housing on the Gulf side of Big Pine Key.

FDEP Florida Bay/Gulf of Mexico Tidal Connections, Long Point Key, Florida. Engineering and environmental consulting services for the tidal connection's restoration project on either side of Long Point Key. These historical tidal connections were filled during the construction of Flagler's railroad and are located on FDEP and FDOT property.

FDEP Living Shoreline Database, Statewide, Florida. Consulting services for the establishment of a Living Shoreline Database cataloging living shoreline efforts through Florida. Details will be recorded for a comprehensive database that coordinates with the USACE and FWC for federal permitting information. This database is hosted on a public website where living shoreline information can be easily accessed.

Costa Brava Marina, Miami Beach, Florida. Environmental permitting for reconstruction of a 30-slip marina in Biscayne Bay through local, State, and Federal Agencies including DERM, FDEP, and USACE. Engineering support through construction bid process, including bid evaluation, contractor selection and construction administration.

Sunset Harbour Yacht Club, Miami Beach, Florida. The project included repairs of concrete slabs, caps and piles for 125-slip marina located in Biscayne Bay Aquatic Preserve, which has strict environmental guidelines. A marine resource assessment was conducted to assess potential impacts. Pre-application meetings were conducted with environmental agencies to understand primary concerns and potential impacts on schedule. Environmental permit applications were prepared and processed with DERM, FDEP, and USACE. Building permit was obtained with City of Miami Beach. Detailed repair drawings were prepared with specific criteria to minimize impacts to marine resources and water quality.

Coco Plum Beach Erosion Study and Beach Design, Marathon, Florida. Prepared an erosion study for the City of Marathon in Monroe County. Design and permitting of truck haul project for placement of sand above the mean high-water line. Coordinate with environmental agencies for approval of design and sand source.

FDOT Manatee Bridge Repair, Pinellas County. Review of hurricane and storm surge analysis completed to determine peak water level and extreme wave conditions for proposed bridge repair project. Comparison of calculated values with historical observations. Evaluated the potential impacts of dredging on wave conditions.

North District Wastewater Treatment Plant, Miami, Florida. Assessment of coastal resiliency of important infrastructure components relative to flooding and sea level rise. Analyzed storm surge impacts from historical hurricane events as well as assessed potential and magnitude of future impacts. Evaluated risk and probability of various events.

Miami Beach Emergency Truck Haul, Miami Beach, Florida. Performed surveying, data collection, volumetric and equilibrium toe of fill analysis based on available historical beach profiles for four segments of beach. This information was utilized in designing the expansion of beach segments for maintenance nourishment.

Aquazul Condominium Risk Mapping, Lauderdale-by-the-Sea, Florida. Longshore and cross-shore erosion assessment based on existing beach conditions and potential 100-year storm event. Evaluation of dune volume and consistency over 10,000 feet of shoreline north and south of subject property. Numerical modeling of wave propagation, storm surge and potential wave run up impacts. Revised flood risk mapping, processing, and approval through FEMA.

Aquazul Condominium Dune Project, Lauderdale-by-the-Sea, Florida. Design of dune project based on FDEP approved sand hauled to the site by trucks in a densely developed area. Coordination of access and placement with contractor and client. Processed and obtained FDEP CCCL permit. Vegetation plan developed for further stabilizing dune.

Bayshore Landing Marina, Coconut Grove, Florida. Above and below water structural inspection of concrete and timber dock structures, as well as utilities of a 100+ slip marina. Compiled inventory of structure elements (i.e. caps, deck slabs, piles, etc.) with condition rating and repair recommendation. Prepared engineering report to document investigation along with cost estimate for recommended repairs.

Rybovich Spencer Boatyard, West Palm Beach, Florida. Coastal design criteria for fixed and floating dock structures, including an integrated wave attenuator. Numerical wave and hydrodynamic modeling. Evaluation of flushing characteristics and water quality for proposed marina design. Simulation of current velocities at the entrance and evaluate navigation.

Hillsboro Club Dune Project, Hillsboro, Florida. Design and permitting of dune projects for almost 2,000 cy along eroding shoreline. Sand from nearby dredging projects was used based on discussions with and approval from FDEP. Coordinated geotechnical analyses, stock piling and placement.

Fort Zachary Taylor State Park Truck Haul Beach Project, Key West, Florida. Truck haul beach project along heavily eroded area. Prepared beach design and coordinated with environmental agencies. The project was unique as it was one of Florida's first larger truck haul beach project with sand from inland mines, thus required extensive discussions and analyses of sand source. Construction administration was provided as well.

FDOT A1A Vulnerability Study and Roadway Stabilization Design, Indian River County. Scour and wave load analysis for proposed seawall from almost 2 miles of shoreline that experienced significant erosion during Hurricane Matthew. A hydrodynamic MIKE21 model was established to simulate tidal and storm surge flow. The model was calibrated relative to site specific current measurements obtained. A MIKE21 wave model was developed to stimulate the wave conditions during extreme events. The scour associated with a 100-year event was determined and proper scour protection was designed. Wave loads were calculated for the proposed seawall for extreme event under varying conditions and water levels.

32nd Street Morphological Change Study, Florida. GIS analysis of morphological changes related to the construction of three shoreline attached breakwaters at the 32nd street erosional hotspot. GIS database was established, and the morphological changes were reviewed relative to coastal processes. Based on the study, recommendations were provided for short- and long-term beach management.

FDOT I-275 Seawall Repair, Pinellas County, Florida. Review of seawall design and scour protection for a proposed seawall repair and replacement project. Review of storm conditions as well as soil and wave loadings.

INTERNATIONAL PROJECT EXPERIENCE

MSC Cruises Ocean Cay Marine Reserve, Bimini Islands, The Bahamas. Topographic and bathymetric surveying rectified aerial photography and mapping for proposed out-island cruise destination. Environmental resource surveys and preparation of Environmental Impact Assessment (EIA) for proposed land and marine works. Detailed coastal engineering analysis, including numerical modeling of hurricane impacts. Engineering design of beach improvements and shoreline stabilization of reshaped island perimeter. Processing of EIA through government regulatory agencies.

CocoCay, Berry Islands, The Bahamas. Prepared a coastal engineering analysis for installation of over-water platforms and swimming area along the southern shoreline of CocoCay. An analysis of the coastal processes influencing the stability and potential infilling of the beach profile created for the swimming area was performed. A numerical model was developed to simulate the nearshore wave conditions affecting the swimming area, and a simulation for the created beach profile was conducted to evaluate potential changes within a 5-year period.

Great Stirrup Cay Development, Berry Islands, The Bahamas. Site investigations and planning support for coastal and marine improvements to cruise ship private island destination improvements to accommodate 5,000 passenger cruise ships. Numerical modeling of hurricanes and storm surge, evaluation of resiliency and proposed coastal protection measures. Engineering design of beach expansion using coastal structures, and reinforcement of existing iron-shore.

Port Development Feasibility, Panama. Conducted feasibility study for the development of a port facility, including the potential for cruise operations and ship repair facility. Evaluated coastal design criteria, including wind, waves, water levels and currents. Reviewed existing water depths, navigational requirements and potential dredging. Prepared conceptual layouts of proposed facilities, and cost estimates for construction and operational equipment.

Port of Roatan Cruise Terminal, Roatan, Honduras. Design of reclamation and shore protection for cruise terminal expansion. Numerical modeling of hurricane, storm surge, and wave propagation. Site inspections and surveying.

Sporting Club at Ambergris Cay, Turks & Caicos. Engineering design of coastal works including entrance channel, dredging, 150-slip marina, and RoRo platform for shipments to remote island. Performed hydrodynamic numerical modeling of flushing characteristics for a proposed marina basin.

Cap Cana Marine Works, Punta Cana, Dominican Republic. Coastal engineering design for the dredging of 1.25-mile canal to create basin for 500+ slip marina. Design of shoreline stabilization, beaches, entrance channel jetties, numerical modeling of coastal processes and hydrographic surveying. Water circulation analysis of marina and canal layout.

Cap Juluca Beach Restoration, Anguilla. Evaluate sediment transport and storm impacts. Perform hydrographic and beach profile surveys. Subsurface investigations of nearshore borrow area. Design of dredge plan and beach fill template. Provided construction administration for emergency beach restoration.

Sediment Study, Turks & Caicos. Field investigations to collect sediment core samples from the seabed in multiple locations. Collected samples were tested for grain size and composition. Conducted coastal study to evaluate wind, wave and tidal forcing mechanisms relating to sediment transport.

Starfish Resort, Panama. Extreme offshore wind and wave conditions were determined along with analysis of coastal processes at the project site. Conducted numerical modeling of wave propagation and localized currents. Review of masterplan and design of shoreline stabilization.

Goldeneye, Jamaica. Hydrographic survey and tidal study of Oracabessa Bay for proposed coastal development. Statistical analysis of historical wave data from satellite measurements to develop deep-water wave conditions. Wave and hydrodynamic numerical modeling. Design of coastal structures and piers.

Troumassee Development, St. Lucia, British West Indies. Field investigations, surveying and coastal engineering for 1,200-acre development on the southeast coast of St. Lucia. Numerical modeling of tidal hydraulics for the proposed lagoon and river discharge analysis for flood study. Hurricane numerical modeling for storm surge and coastal development planning. Conducted a feasibility study of the coastal processes with regards to the proposed Troumassee Development project located on the island of St. Lucia, BWI, as well as storm surge analysis, flushing analysis, river and coastal stabilization design and a project comparability study. The 1,200-acre proposed development includes a hotel, golf course, in-water bungalows, lagoon and beaches.

Pelican Island Development Project, Pelican Island, Antigua. Wave and storm surge analysis, modeling, and sediment transport for \$100M development project. Engineering design of beach expansion and shoreline stabilization structures.

South Cay Development, South Cat Cay, The Bahamas. Design of land reclamation, beach improvements and 150-slip marina for 80-acre private island development. Extreme wind and wave conditions were determined along with preparation of a preliminary flood map.

El Portillo Development Project, Samana, Dominican Republic. Site investigations and feasibility study of creating lagoon feature from existing stream flow within Project site. Obtained flow measurements and performed hydrodynamic modeling of lagoon layout alternatives. Lagoon design construction drawings of feasible alternative.



MEMORANDUM

(Revised)

TO: Honorable Chairman Oliver G. Gilbert, III
and Members, Board of County Commissioners

DATE: September 4, 2024

FROM: 
Gen Bonzon-Keenan
County Attorney

SUBJECT: Agenda Item No. 8(L)(2)

Please note any items checked.

- ☐ "3-Day Rule" for committees applicable if raised
- ☐ 6 weeks required between first reading and public hearing
- ☐ 4 weeks notification to municipal officials required prior to public hearing
- ☐ Decreases revenues or increases expenditures without balancing budget
- ☐ Budget required
- ☐ Statement of fiscal impact required
- ☐ Statement of social equity required
- ☐ Ordinance creating a new board requires detailed County Mayor's report for public hearing
- ☐ No committee review
- ☒ Applicable legislation requires more than a majority vote (i.e., 2/3's present ____, 2/3 membership ☒, 3/5's ____, unanimous ____, CDMP 7 vote requirement per 2-116.1(3)(h) or (4)(c) ____, CDMP 2/3 vote requirement per 2-116.1(3)(h) or (4)(c) ____, or CDMP 9 vote requirement per 2-116.1(4)(c)(2) ____ to approve
- ☐ Current information regarding funding source, index code and available balance, and available capacity (if debt is contemplated) required

Approved _____ Mayor
Veto _____
Override _____

Agenda Item No. 8(L)(2)
9-4-24

RESOLUTION NO. R-753-24

RESOLUTION WAIVING, BY A TWO-THIRDS VOTE OF THE FULL MEMBERSHIP OF THE BOARD OF COUNTY COMMISSIONERS, THE RESIDENT ELECTOR REQUIREMENT OF SECTION 2-11.38 OF THE CODE OF MIAMI-DADE COUNTY AND APPOINTING JANNEK CEDERBERG, P.E. TO THE MIAMI-DADE COUNTY BISCAYNE BAY WATERSHED MANAGEMENT ADVISORY BOARD FOR A FOUR-YEAR TERM

WHEREAS, this Board desires to accomplish the purposes outlined in the accompanying memorandum, a copy of which is incorporated herein by reference,

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA, that this Board, by a two-thirds vote of the full membership, hereby waives the resident elector requirement of section 2-11.38 of the Code of Miami-Dade County and appoints Jannek Cederberg, P.E., as recommended by the Florida Engineering Society, to the Miami-Dade County Biscayne Bay Watershed Management Advisory Board to serve a four-year term beginning with the effective date of this resolution.

The foregoing resolution was offered by Commissioner **Marleine Bastien**, who moved its adoption. The motion was seconded by Commissioner **Raquel A. Regalado** and upon being put to a vote, the vote was as follows:

Oliver G. Gilbert, III, Chairman	aye		
Anthony Rodríguez, Vice Chairman	aye		
Marleine Bastien	aye	Juan Carlos Bermudez	aye
Kevin Marino Cabrera	aye	Sen. René García	aye
Roberto J. Gonzalez	aye	Keon Hardemon	aye
Danielle Cohen Higgins	aye	Eileen Higgins	aye
Kionne L. McGhee	aye	Raquel A. Regalado	aye
Micky Steinberg	aye		

The Chairperson thereupon declared this resolution duly passed and adopted this 4th day of September, 2024. This resolution shall become effective upon the earlier of (1) 10 days after the date of its adoption unless vetoed by the County Mayor, and if vetoed, shall become effective only upon an override by this Board, or (2) approval by the County Mayor of this resolution and the filing of this approval with the Clerk of the Board.



MIAMI-DADE COUNTY, FLORIDA
BY ITS BOARD OF
COUNTY COMMISSIONERS

JUAN FERNANDEZ-BARQUIN, CLERK

By: Basia Pruna
Deputy Clerk

Approved by County Attorney as
to form and legal sufficiency.

CJW

Abbie Schwaderer-Raurell
Christopher J. Wahl