

MEMORANDUM

Agenda Item No. 11(A)(15)

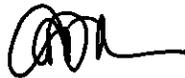
TO: Honorable Chairman Jean Monestime
and Members, Board of County Commissioners

DATE: October 5, 2016

FROM: Abigail Price-Williams
County Attorney

SUBJECT: Resolution directing the County
Mayor to study and assess how
sea level rise may affect sanitary
sewer and stormwater systems
in Miami-Dade County, and to
provide a report

The accompanying resolution was prepared and placed on the agenda at the request of Prime Sponsor Commissioner Rebeca Sosa.



Abigail Price-Williams
County Attorney



APW/smm

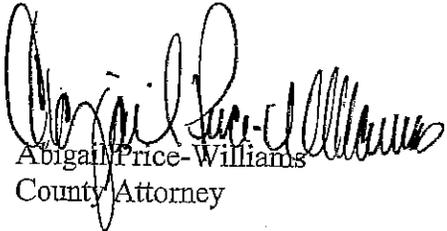


MEMORANDUM

(Revised)

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and Members, Board of County Commissioners

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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 ____, 3/5's ____, unanimous ____) to approve**
- Current information regarding funding source, index code and available balance, and available capacity (if debt is contemplated) required**

Approved _____ Mayor

Agenda Item No. 11(A)(15)

Veto _____

10-5-16

Override _____

RESOLUTION NO. _____

RESOLUTION DIRECTING THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE TO STUDY AND ASSESS HOW SEA LEVEL RISE MAY AFFECT SANITARY SEWER AND STORMWATER SYSTEMS IN MIAMI-DADE COUNTY, AND TO PROVIDE A REPORT

WHEREAS, Miami-Dade County, like the rest of South Florida, is understood to be particularly vulnerable to sea level rise due to its low elevation and proximity to the coast; and

WHEREAS, sewage from bathrooms, sinks, kitchens, and other plumbing components get conveyed to public sanitary sewer systems; and

WHEREAS, public sanitary sewer systems consist of underground pipes, manholes, and pump stations that collect and convey sewage to wastewater treatment plants where it is treated, reused, and discharged; and

WHEREAS, stormwater systems provide a means to manage the runoff from rainfall by facilitating the flow of stormwater that lands on rooftops, parking lots, streets, driveways, and other surfaces into grates, swales, and ditches; and

WHEREAS, once the stormwater runoff enters these grates, swales, and ditches, the water finds its way to a stormwater pond, drainage system, drainage well, or exfiltration trench and is then discharged through the ground and/or other water quality treatment units, eventually making its way to a surface water body such as a stream, river, lake, wetland, estuary, or bay; and

WHEREAS, sea level rise poses particular concern to public sanitary sewer and stormwater systems because, among other problems, when sea levels rise, water tables rise; and

WHEREAS, rising water tables associated with sea level rise increase inflow and infiltration that may diminish the capacity of public sanitary sewer collection, conveyance and, treatment systems, which can result in sanitary sewer overflows; and

WHEREAS, rising water tables associated with sea level rise may diminish the capacity of stormwater systems and result in flooding and groundwater infiltration to public sanitary sewer systems; and

WHEREAS, the impact of rising water tables on public sanitary sewer and stormwater systems present serious public health, safety, and economic concerns; and

WHEREAS, it is time to assess, study, and understand all of the potential consequences of sea level rise on public sanitary sewer and stormwater systems in the County, and to look at possible solutions to mitigate the problems that may be on the horizon; and

WHEREAS, accordingly, this Board wishes to direct the County Mayor or County Mayor's designee to undertake a study and report back with findings and recommendations for further action,

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA, that this Board directs the County Mayor or County Mayor's designee to study and assess how sea level rise may affect sanitary sewer and stormwater systems in Miami-Dade County, and to prepare a report. The report shall, at a minimum, identify: (1) how sanitary sewer and stormwater systems may be affected by sea level rise; (2) the potential risks involved; (3) areas of the County that could be most impacted; (4) recommendations on how best to eliminate the vulnerability of sanitary sewer and stormwater systems to sea level rise; and (5) recommendations as to any further technical and financial evaluations and legislative or administrative actions that may be necessary to

address the vulnerabilities and problems identified. The report shall be provided to this Board within 365 days of the effective date of this resolution, and shall be placed on an agenda of the Board pursuant to Ordinance No. 14-65.

The Prime Sponsor of the foregoing resolution is Commissioner Rebeca Sosa. It was offered by Commissioner _____, who moved its adoption. The motion was seconded by Commissioner _____ and upon being put to a vote, the vote was as follows:

Jean Monestime, Chairman	
Esteban L. Bovo, Jr., Vice Chairman	
Bruno A. Barreiro	Daniella Levine Cava
Jose "Pepe" Diaz	Audrey M. Edmonson
Sally A. Heyman	Barbara J. Jordan
Dennis C. Moss	Rebeca Sosa
Sen. Javier D. Souto	Xavier L. Suarez
Juan C. Zapata	

The Chairperson thereupon declared the resolution duly passed and adopted this 5th day of October, 2016. 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

HARVEY RUVIN, CLERK

By: _____
Deputy Clerk

Approved by County Attorney as
to form and legal sufficiency.

James Eddie Kirtley

