

MEMORANDUM

Agenda Item No. 11(A)(6)

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

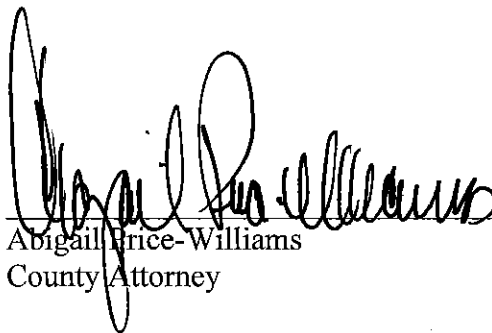
DATE: November 1, 2016

FROM: Abigail Price-Williams
County Attorney

SUBJECT: Resolution directing the County
Mayor to develop a plan for the
use of reclaimed wastewater and
to prepare a report for this Board

Resolution No. R-1043-16

The accompanying resolution was prepared and placed on the agenda at the request of Prime Sponsor Commissioner Daniella Levine Cava.



Abigail Price-Williams
County Attorney

APW/smm

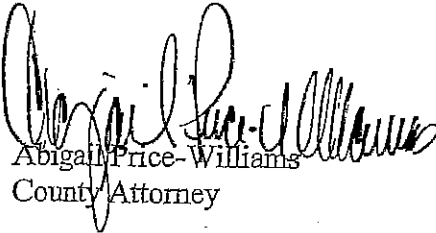


MEMORANDUM

(Revised)

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and Members, Board of County Commissioners

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County Attorney

SUBJECT: Agenda Item No. 11(A)(6)

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
Veto _____
Override _____

Agenda Item No. 11(A)(6)
11-1-16

RESOLUTION NO. R-1043-16

RESOLUTION DIRECTING THE COUNTY MAYOR OR
COUNTY MAYOR'S DESIGNEE TO DEVELOP A PLAN FOR
THE USE OF RECLAIMED WASTEWATER AND TO
PREPARE A REPORT FOR THIS BOARD

WHEREAS, Miami-Dade County provides water to residents and businesses, and wastewater from homes and businesses is treated at various wastewater treatment plants in the County; and

WHEREAS, treated wastewater may be recycled and used for other purposes, where appropriate, including, irrigation of golf courses and public roadway landscaping, groundwater recharge, and industrial water supply; and

WHEREAS, wastewater that has been treated to the point that it can be used again is known as reclaimed wastewater; and

WHEREAS, for wastewater that is not recycled for other uses, such wastewater may be disposed of in certain approved manners, but such disposal may be expensive; and

WHEREAS, the use of drinking water, where reclaimed wastewater may be substituted, has environmental resource implications and impacts the long-term availability of drinking water for the people of Miami-Dade County; and

WHEREAS, pursuant to section 403.086, Florida Statutes, the discharge of domestic wastewater through ocean outfalls is prohibited after the year 2025, with the exception of specified peak flows; and

WHEREAS, also pursuant to the section 403.086, Florida Statutes, the state of Florida requires that Miami-Dade County have a “functioning reuse system” by December 31, 2025, where a “functioning reuse system” is defined as an environmentally, economically, and technically feasible system that provides a minimum of 60 percent of a facility’s baseline flow on an annual basis for acceptable reuse purposes; and

WHEREAS, in 2010 the County entered into an agreement with Florida Power & Light (FPL) by which up to 90 million gallons of reclaimed wastewater would be used for FPL’s Units 6 and 7, which are two new nuclear power units that are proposed to be built at the Turkey Point Power Plant in Miami-Dade County, meeting both the open-ocean outfall and reclaimed water requirements of the state; and

WHEREAS, in an April 27, 2016 filing with the Public Service Commission (“PSC”), FPL estimated that it would not seek the PSC’s approval to commence preconstruction of Units 6 and 7 until 2020; and

WHEREAS, given this delay, the County’s reclaimed wastewater will not be used for Units 6 and 7 within the timeframe currently prescribed by the state, and consequently it is imperative that the County find alternative uses for reclaimed wastewater; and

WHEREAS, the County will be preparing a Reuse Feasibility Study in connection with its permit from the Florida Department of Environmental Protection, and this Reuse Feasibility Study is a required element of the County’s wastewater master plan; and

WHEREAS, this Reuse Feasibility Study is expected to be completed in approximately one year, and will include a comprehensive and technical analysis of the potential uses of reclaimed wastewater; and

WHEREAS, the County should develop a plan to maximize the use of reclaimed wastewater, and such plan could logically be combined or included with the County's Reuse Feasibility Study; and

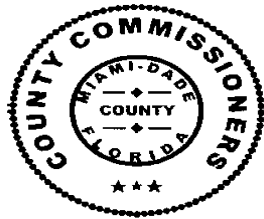
WHEREAS, such plan should analyze possible uses of reclaimed wastewater to meet the needs of large water users, including, but not limited to, potential opportunities for the County to provide reclaimed wastewater to FPL for uses related to Turkey Point Power Plant Units 3 and 4,

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA, that this Board hereby directs the County Mayor or County Mayor's designee to develop a plan for the use of reclaimed wastewater, where appropriate, and prepare a report for this Board. The plan shall include recommendations and shall take into consideration both one-time as well as recurring costs and benefits, with the ultimate goal of substantially reducing the disposal of County wastewater in order to more fully utilize reclaimed water as a valuable resource. This plan may be combined or included with the County's Reuse Feasibility Study. The completed report, together with the Reuse Feasibility Study, shall be placed on an agenda of the Board within one year of the effective date of this resolution, pursuant to Ordinance 14-65.

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

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

The Chairperson thereupon declared the resolution duly passed and adopted this 1st day of November, 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: **Christopher Agrippa**
 Deputy Clerk

Approved by County Attorney as
 to form and legal sufficiency.

Abbie Schwaderer Raurell