

MEMORANDUM

Agenda Item No. 11(A)(3)

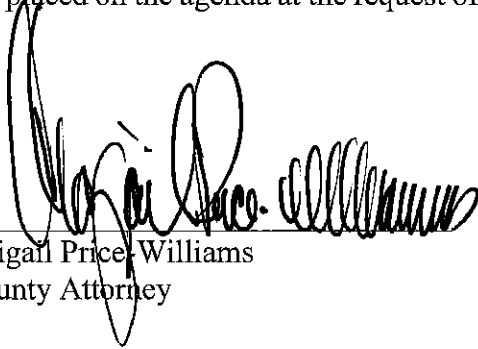
TO: Honorable Chairman Esteban L. Bovo, Jr.
and Members, Board of County Commissioners

DATE: November 7, 2017

FROM: Abigail Price-Williams
County Attorney

SUBJECT: Resolution directing the Mayor to expeditiously pursue an engineering evaluation of odor sources and the existing odor control system at Miami-Dade County's Resources Recovery Facility located in the City of Doral and further authorizing the Mayor to undertake the design and installation of state-of-the-art odor control upgrades and enhancements to better control odors emanating from the Facility under certain conditions

The accompanying resolution was prepared and placed on the agenda at the request of Prime Sponsor Commissioner Jose "Pepe" Diaz.



Abigail Price-Williams
County Attorney

APW/smm



MEMORANDUM

(Revised)

TO: Honorable Chairman Esteban L. Bovo, Jr.
and Members, Board of County Commissioners

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County Attorney

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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
Veto _____
Override _____

Agenda Item No. 11(A)(3)
11-7-17

RESOLUTION NO. _____

RESOLUTION DIRECTING THE MAYOR OR MAYOR'S DESIGNEE TO EXPEDITIOUSLY PURSUE AN ENGINEERING EVALUATION OF ODOR SOURCES AND THE EXISTING ODOR CONTROL SYSTEM AT MIAMI-DADE COUNTY'S RESOURCES RECOVERY FACILITY LOCATED IN THE CITY OF DORAL AND FURTHER AUTHORIZING THE MAYOR OR MAYOR'S DESIGNEE TO UNDERTAKE THE DESIGN AND INSTALLATION OF STATE-OF-THE-ART ODOR CONTROL UPGRADES AND ENHANCEMENTS TO BETTER CONTROL ODORS EMANATING FROM THE FACILITY UNDER CERTAIN CONDITIONS

WHEREAS, Miami-Dade County owns the Resources Recovery Facility, a waste-to-energy plant located in the City of Doral, in Miami-Dade County, Florida, which began commercial operations in 1985, and is the cornerstone of the County's integrated solid waste management system; and

WHEREAS, the Resources Recovery Facility processes 930,000 tons of municipal solid waste and 270,000 tons of biomass fuel annually, generating 77 megawatts (MW) of renewable electricity, as well as recycling 20,000 tons of ferrous metals and 2,000 tons of aluminum; and

WHEREAS, in the past 32 years, the Resources Recovery Facility has avoided more than 30 million tons of waste from being landfilled by reducing its volume by over 90 percent during the combustion process; and

WHEREAS, the Resources Recovery Facility serves the municipal solid waste disposal needs of residents in the County's Solid Waste Collection Service Area, which includes unincorporated Miami-Dade County and nine municipalities, as well as 15 additional municipalities with long-term contracts with the County for waste disposal; and

WHEREAS, pursuant to the Solid Waste Annual Operating Permit issued by Miami-Dade County Department of Regulatory and Economic Resources, the Resources Recovery Facility is subject to certain conditions that include required implementation of odor control, as applicable, to prevent nuisance conditions as defined in Chapter 24, Miami-Dade County Environmental Protection Ordinances; and

WHEREAS, the Resources Recovery Facility's Title V Air Operation Permit, from the State of Florida Department of Environmental Protection, requires the facility to operate a continuous emissions monitoring system for carbon monoxide (CO), sulfur dioxide (SO₂), and nitrogen oxide (NO_x), and requires the facility to minimize objectionable odors; and

WHEREAS, although the Resources Recovery Facility is currently equipped with several odor control mechanisms, including truck access (fast) doors, which help maintain a negative air pressure on the garbage tipping floor, an odor neutralizing misting system on the garbage tipping floor and fast doors on the residue loadout area, there may be new state-of-the art odor control technologies or enhancements to existing technologies that can be effective in further reducing the emanation of objectionable odors from the Facility; and

WHEREAS, rapid residential development in the vicinity of the Resources Recovery Facility makes evaluation and implementation of additional or enhanced odor control measures at the Facility all the more important; and

WHEREAS, implementation of additional or enhanced odor control measures at the Facility will potentially be limited by budgetary constraints of the County's Solid Waste Department,

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA, that this Board hereby directs the Mayor or Mayor's designee to expeditiously pursue an engineering evaluation of odor sources at the Resources Recovery Facility and the existing odor control system at the Facility and authorizes the Mayor or Mayor's designee to undertake or procure the design and installation of state-of-the-art odor control upgrades and enhancements to better control odors emanating from the Facility, subject to available funding in the current fiscal year. This resolution does not authorize additional funds or expenditures beyond those approved by this Board in the annual budgets for the Miami-Dade County Solid Waste Department.

The Prime Sponsor of the foregoing resolution is Commissioner Jose "Pepe" Diaz. 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:

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

The Chairperson thereupon declared the resolution duly passed and adopted this 7th day of November, 2017. 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.



David Sherman