



MEMORANDUM

Amended
Agenda Item No. 11(A)(11)

TO: Honorable Chairman Bruno A. Barreiro
and Members, Board of County Commissioners

DATE: December 2, 2008

FROM: R. A. Cuevas, Jr.
County Attorney

SUBJECT: Resolution directing the Mayor
to conduct a feasibility study of
capturing, storing and treating
water from the canal system prior
to its discharge to Biscayne Bay for
replenishing the aquifer and
for irrigation purposes as part of
County's water supply plan

Resolution No. R-1376-08

The accompanying resolution was prepared and placed on the agenda at the request of Prime Sponsor Commissioner Dennis C. Moss, and Co-Sponsors Commissioner Audrey M. Edmonson and Commissioner Carlos A. Gimenez.

A handwritten signature in black ink, appearing to read "RAC", written over a horizontal line.

R. A. Cuevas, Jr.
County Attorney

RAC/ j1s



MEMORANDUM

(Revised)

TO: Honorable Bruno A. Barreiro
and Members, Board of County Commissioners

DATE: December 2, 2008

FROM: 
R. A. Cuevas, Jr.
County Attorney

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

Please note any items checked.

- "4-Day Rule" ("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**
- Bid waiver requiring County Manager's written recommendation**
- Ordinance creating a new board requires detailed County Manager's report for public hearing**
- Housekeeping item (no policy decision required)**
- No committee review**

Approved _____ Mayor
Veto _____
Override _____

Amended
Agenda Item No. 11(A)(11)
12-2-08

RESOLUTION NO. R-1376-08

RESOLUTION DIRECTING MAYOR TO CONDUCT A FEASIBILITY STUDY OF CAPTURING, STORING AND TREATING WATER FROM THE CANAL SYSTEM PRIOR TO ITS DISCHARGE TO BISCAYNE BAY FOR REPLENISHING THE AQUIFER AND FOR IRRIGATION PURPOSES AS PART OF COUNTY'S WATER SUPPLY PLAN

WHEREAS, South Florida had record droughts two years in a row which caused the implementation of emergency water shortage measures including twice-a-week watering limits to conserve water supplies; and

WHEREAS, Miami-Dade County's 20-year Water Use Permit issued by the South Florida Water Management District includes many conditions and restrictions including the requirement that the County develop alternative water supply sources to meet increased demands over the next 20 years; and

WHEREAS, the County is making significant financial investments in capital improvement projects to provide adequate water supply for projected water demands by the use of alternative water supplies such as reclaimed water and brackish water from the Floridan Aquifer; and

WHEREAS, the County is also imposing water efficiency standards and other water conservation measures to further prevent and reduce wasteful, uneconomical, impractical or unreasonable use of our limited water resources; and

WHEREAS, each year a substantial amount of fresh water is unavailable for use by the County because the South Florida Management District opens the coastal floodgates and dumps

billions of gallons of water into Biscayne Bay to lower drainage canals to minimize and prevent flooding during a rain event; and

WHEREAS, this Board is desirous of capturing the fresh water that is currently lost to tide during a rain event for use during the dry season,

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA, that the County Mayor is directed to conduct a feasibility study of capturing, storing and treating water from the canal system prior to its discharge to Biscayne Bay for use in replenishing the aquifer and the County's water supply or for irrigation purposes as part of the County's Water Supply Plan. The County Mayor shall provide a report to this Board within 150 days of the adoption of this Resolution.

The Prime Sponsor of the foregoing resolution is Commissioner Dennis C. Moss and the Co-Sponsors are Commissioner Audrey M. Edmonson and Commissioner Carlos A. Gimenez. It was offered by Commissioner **Dennis C. Moss**, who moved its adoption. The motion was seconded by Commissioner **Carlos A. Gimenez** and upon being put to a vote, the vote was as

Bruno A. Barreiro, Chairman	absent
Barbara J. Jordan, Vice-Chairwoman	aye
Jose "Pepe" Diaz	aye
Carlos A. Gimenez	aye
Joe A. Martinez	aye
Dorrin D. Rolle	aye
Katy Sorenson	aye
Sen. Javier D. Souto	aye
Audrey M. Edmonson	absent
Sally A. Heyman	aye
Dennis C. Moss	aye
Natacha Seijas	aye
Rebeca Sosa	aye

The Chairperson thereupon declared the resolution duly passed and adopted this 2nd day of December, 2008. This resolution shall become effective ten (10) days after the date of its adoption unless vetoed by the Mayor, and if vetoed, shall become effective only upon an override by this Board.

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

HARVEY RUVIN, CLERK



By: **Kay Sullivan**
Deputy Clerk

Approved by County Attorney as
to form and legal sufficiency.



Henry N. Gillman

5