



**MEMORANDUM**

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

---

The accompanying resolution was prepared and placed on the agenda at the request of Prime Sponsor Commissioner Dennis C. Moss.

---

R. A. Cuevas, Jr.  
County Attorney

RAC/cp



# 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:** 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 \_\_\_\_\_

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

RESOLUTION NO. \_\_\_\_\_

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

**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 Floridian 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

**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 90 days of the adoption of this Resolution.

The Prime Sponsor of the foregoing resolution is Commissioner Dennis C. Moss. 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:

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

The Chairman 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: \_\_\_\_\_  
Deputy Clerk

Approved by County Attorney as  
to form and legal sufficiency.  
Henry N. Gillman

