

Approved _____ Mayor
Veto _____
Override _____

Amended
Agenda Item No. 11(A)(16)
9-4-07

**OFFICIAL FILE COPY
CLERK OF THE BOARD
OF COUNTY COMMISSIONERS
MIAMI-DADE COUNTY, FLORIDA**

RESOLUTION NO. 1002-07

RESOLUTION DIRECTING COUNTY MANAGER TO DEVELOP A PLAN WHICH INCORPORATES THE STANDARDS METHOD AND 100 FOOT CRITERIA TO REDUCE DISTANCE BETWEEN LITTER RECEPTACLES IN COUNTY PARKS

WHEREAS, the County is desirous of reducing litter in our County parks; and

WHEREAS, reducing the distance between litter receptacles will discourage littering,

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA, that the County Manager is directed to develop a plan to reduce the distance between litter receptacles in our County parks. The County Manager shall use both the Parks Department's standards and the 100 foot criteria to determine trash receptacle placement.

The foregoing resolution was sponsored by Sen. Javier D. Souto and offered by Commissioner **Javier D. Souto**, who moved its adoption. The motion was seconded by Commissioner **Dennis C. Moss** and upon being put to a vote, the vote was as follows:

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

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CLERK OF THE BOARD
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MIAMI-DADE COUNTY FLORIDA

The Chairperson thereupon declared the resolution duly passed and adopted this 4th day of September, 2007. 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.

GBK

Geri Bonzon-Keenan

MEMORANDUM

Amended
Agenda Item No. 11(A)(16)

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

DATE: September 4, 2007

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

SUBJECT: Resolution relating to
reducing distance between litter
receptacles in county parks

R#1002-07

The accompanying resolution was prepared and placed on the agenda at the request of Senator Javier D. Souto.



R. A. Cuevas, Jr.
County Attorney

RAC/jls



MEMORANDUM

(Revised)

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

DATE: September 4, 2007

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

SUBJECT: Amended
Agenda Item No. 11(A)(16)

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

Memorandum



Date: September 4, 2007

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

From: George M. Burgess
County Manager

Subject: Supplemental Report to Resolution Directing the County Manager to
Develop a Plan to Reduce Distance Between Litter Receptacles in County
Parks to a Maximum of 100 Feet

Supplement to
Agenda Item No.
11(A)16

This supplemental report provides information regarding the Park and Recreation Department's current number of trash receptacles per facility, the development and impact of trash receptacle standards, and the development and impact of a plan to reduce the distance between trash receptacles in County Parks to a maximum of 100 feet.

Research has shown that the straight forward logical concept of making more trash receptacles available will lead to more people using them is not necessarily true. However, the convenience of having adequate trash receptacles at or near many park settings such as picnic shelters, walking paths, restrooms and concession areas, etc. should not be discounted as most people will use them in those circumstances if convenient. Site factors are also powerful determinants of behavior, meaning that the more litter present, the more people are inclined to litter. There are currently 256 County Parks. Not all of these parks have or need trash receptacles. For example, trash receptacles are not needed in natural areas and preserve lands where there are no provisions for public facilities. In an effort to determine the adequacy or need for additional trash receptacles, the Parks Department conducted a three-part study. The study included an inventory of trash receptacles currently in parks, development of a set of standards for the number of trash receptacles necessary under certain conditions and in certain use areas, and an analysis of the impact of placing trash receptacles every 100 feet as requested.

The Department conducted a survey showing that there is approximately 5,522 trash receptacles located throughout the parks system, (see column one of attached chart). Historically, the number of trash receptacles and their location within each park has been a function, among other things, of the activity in each park as observed by staff over a period of time. The general Parks Department standard for trash receptacle placement is as follows:

Area or Function	Standard
Picnic Shelter (small)	4 - Receptacles
Picnic Shelter (large or corporate)	8 - Receptacles
Beach Maintenance	1 - Receptacle every 75 feet
Atoll Pool Area	15 - Receptacles
Boat Ramps	1 - Receptacle per ramp
Marina Docks	1 - Receptacle every 75 feet
Golf Course	1 - Receptacle for every tee, plus 20
Nature Trails	1 - Receptacle per Trailhead
Restrooms	1 - Receptacle per Restroom
Buildings and Interior Spaces	1 - Receptacle per room
Ballfields	4 - Receptacles per Field
Picnic Areas w/Tables and Grills	9 - Receptacles per Acre
Open Passive Areas	5 - Receptacles per Acre
Playgrounds	2 - Receptacles
Walkways	1 - Receptacle every 500 feet
Courts (any type)	1 - Receptacles
Special Event	25 - Receptacles (varies with size of event)

By applying these standards there is a deficit of 645 trash receptacles throughout the Department, (see column two and three of attached chart).

The last study was for the impact of placing trash receptacles at 100 foot intervals throughout parks. This study was adjusted for each park. Trash receptacles were not placed across ballfields, parking lots and roadways, etc. simply to meet the "every 100 feet" criteria. With the use of aerial photographs, a 100 by 100 foot grid was overlaid on each aerial to serve as a reference for the distance between each trash receptacle. By using this method, it was determined that the Parks Department would need approximately 3,653 trash receptacles (see column four of attached chart).

This analysis shows that: 1) the Department currently has a deficiency of 645 trash receptacles using the established standards, and; 2) the Department currently has more trash receptacles than required using the every 100 feet criteria.

The Department respectfully recommends that the language of the resolution include some combination of the standards method and the 100 foot criteria. This will adequately provide enough trash receptacles throughout County parks. The standards method is more appropriate in situations where activities are concentrated such as special events, picnic shelters and around athletic facilities. The 100 foot criteria is more appropriate and a good barometer where there are large open areas such as beaches, picnic areas or where the lines of sight might prevent people from seeing greater

Honorable Chairman Bruno A. Barreiro
and Members, Board of County Commissioners
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distances. The surveys also indicate that adjustment to the number and placement of trash receptacles at some facilities would create better distribution. The Department will review this issue and make the necessary adjustments.

Attachment



Alex Muñoz
Assistant County Manager



PARK AND RECREATION DEPARTMENT TRASH RECEPTACLES COUNT

Name	Current # of Trash Receptacles	Current Minimum Department Standards for Trash Receptacles	Total # of Trash Receptacles Needed To Meet Standards	Cost of Additional Trash Receptacles Needed	Trash Receptacle Count every 100'	# Of Additional Receptacles Needed to Meet Required 100' Placement
Region 1 (50)	824	991	167	\$18,370	725	(99)
Region 2 (47)	633	651	18	\$1,980	402	(231)
Region 3 (23)	1667	2018	351	\$38,610	565	(1,102)
Region 4 (44)	1303	1238	(65)	(\$7,150)	744	(559)
Region 5 (43)	574	754	180	\$19,800	705	131
Arts-Women's Park (1)	38	20	(18)	\$0	17	(21)
Golf Division (6)	235	247	12	\$1,320	247	12
Marina Division* (6)	248	248	0	\$0	248	0
TOTAL	5,522	6,167	645	\$72,930	3,653	(1,869)

* Marina Division is complying with DEP-Clean Marina Certification Standards

*Rate of \$110 is based on Metal Wire open trash receptacles purchased from Kendall Warehouse.

Not all facilities use metal wire trash bins. Some facilities (ie marinas are required to have closed containers due to spillage in water)

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