



CITY OF SACRAMENTO

DEPARTMENT OF PUBLIC WORKS

SOLID WASTE DIVISION

JOHN F. BOSS
Solid Waste Division Manager

October 7, 1986

Budget and Finance/
Transportation and Community Development Committee
Sacramento, California

Honorable Members in Session:

SUBJECT: AUTOMATED COLLECTION PROGRAM - IMPLEMENTATION
AND SCHEDULING

SUMMARY

This report presents the current status of the automated refuse collection system, and the implementation program for completing conversion to the automated system throughout the City.

BACKGROUND

From 1981 to 1985 the City's Solid Waste Division offered an experimental, voluntary automated collection program. In areas where sufficient interest in the automated system was shown the Division issued the 90-gallon containers as an alternative to regular service. By 1985 the program had expanded to fifteen geographic areas with participation ranging from 51 to 100 percent.

Based on the success of this experimental voluntary program, the City Council, in July, 1985, adopted by resolution, the automated system as the regular service for residential refuse collection within the City. The Council also approved a Negative Declaration for use of the 90-gallon containers for solid waste collection. With the containers purchased during the 1985/86 Fiscal Year, and the those placed as part of the experimental program, a total of 13,542 90-gallon containers have been placed for service. The 1986/87 Fiscal Year Solid Waste Budget includes sufficient funds for at least 21,000 additional containers.

During the 1985/86 Fiscal Year, the Division concentrated on infilling most of the voluntary areas. Except for the Woodlake, North Sacramento, River Park, and East Sacramento voluntary areas, infilling is complete. Table I outlines the approximate number of 90-gallon containers which are currently distributed.

TABLE I

Listed below are the areas of the City that have been infilled/mandated to 90-gallon Supercan garbage service; also listed are the remaining voluntary areas to be infilled in the Fall/Winter 1986:

<u>MANDATORY AREA</u>	<u>NO. OF CANS</u>
Valley Hi	3,606
College Greens	2,561
City Farms & Fullerton	1,450
Meadowview	881
Franklin Villa	215
Freeport Manor	408
Stonebridge	775
Natomas	560
Natomas Expansion	490
North Sacramento	578
Dos Rios	<u>218</u>
Sub-total	11,742
 <u>VOLUNTARY AREA</u>	
East Sacramento	700
River Park	800
Woodlake	<u>300</u>
Sub-total	1,800
 Total	 13,542 <u>=====</u>

When the Council adopted the 90-gallon containers as the regular residential service for solid waste collection, the following policies were adopted:

1. Areas for full automatic lift container service will be selected on the basis of the following:
 - A. Areas initiated under the experimental, voluntary program;
 - B. Areas without curb and gutter; and/or
 - C. Areas where improved operational efficiency and/or cost effectiveness is achieved by use of automatic lift containers.
2. Since the automatic lift container service is a regular, on-going service it is necessary to make annual contributions to a reserve account for container replacements.
3. The recycling of newspaper will continue in areas where customer participation is sufficient to make the service cost effective.

These policies will govern current and future implementation.

IMPLEMENTATION SCHEDULE

The policies adopted by the City Council in July, 1985 support implementation to initially fully infill volunteer areas and to provide service in "no-curb-and-gutter" areas. After the above objectives are met, service will be added in a manner to allow optimum operational efficiency and/or cost effectiveness for the entire refuse collection system. The Solid Waste Division has prepared a short term plan (1986/87) and a long term plan (1987/88 and beyond) that meet the above policies. The current year budget authorized purchase of 21,000 containers. These will be placed in the areas, and according to the schedule outlined in Table II.

TABLE II

<u>1986/87</u>	<u>Containers Required</u>	<u>Schedule</u>
North Sacramento infill and "no-curbs-and-gutters"	4,000	September/ October, 1986
Riverpark, Woodlake and East Sacramento infill	1,500	November, 1986
South Natomas	4,400	December/ January, 1986
Oak Park	3,100	February, 1987
Hollywood Park	1,300	March, 1987
South of Meadowview - 24th Street to Valley Hi	1,700	April, 1987
South of Florin - I-5 to 24th Street	4,100	May/ June, 1987
Spares	<u>900</u>	
Total	21,000 =====	

During the following three years, the Solid Waste Division anticipates full conversion to the automated system in all those areas where the 90-gallon service can be practically provided. There are areas where special problems will inhibit conversion to the automated system. These include condominium areas, areas with a high density of on-street parking, mobile-home parks, etc. The Solid Waste Division is still investigating alternatives for these areas, and will continue manual pickup in the interim.

The Solid Waste Division will continue implementation in future years to the automated system according to the general schedule outlined in Table III:

TABLE III

<u>1987/88</u>	<u>Containers Required</u>	<u>Schedule</u>
South of Florin/ East of 24th Street	2,000	September, 1987
Pocket Area	5,000	November, 1987
Glen Elder	2,500	January, 1988
Oak Park - South of 14th Avenue	1,200	February, 1988
Stockton Boulevard - 58th Street/South of "V" Street	3,400	March, 1988
North Sacramento	6,200	May, 1988
Spares	<u>700</u>	
Total	<u>21,000</u> =====	

1988/89

Greenhaven	} 21,000
South Land Park	
Executive Airport and Vicinity	
Land Park	
Curtis Park	
South of Folsom Boulevard	
Tahoe Park	
Perkins	
Spares	

TABLE III (CONTINUED)

<u>1989/90</u>	<u>Containers Required</u>	<u>Schedule</u>
East Sacramento Land Park North of McClatchy High School Central City Spares	15,000	

The implementation of the automated collection system as outlined above will have a positive impact on efficiency of operation for refuse collection. The Division has prepared an estimate of impacts on staffing as outlined below:

	<u>ROUTES</u>				
	<u>7/1/86</u>	<u>7/1/87</u>	<u>7/1/88</u>	<u>7/1/89</u>	<u>7/1/90</u>
Rear-Load	41	33	24	14	4
Automated	6	14	22	30	36
Commercial	15	15	16	17	18
Special Svcs.	7	7	8	8	8
	<u>STAFF</u>				
Refuse Coll. Staff	160	151	142	131	118

This estimate for route conversion and staffing reduction does not consider the impacts of additional garden refuse placed in the 90-gallon containers, or impacts due to accelerated growth. The staff reduction projections should easily be absorbed according to historical attrition patterns. Voluntary subscription to garden refuse removal, as proposed by staff in a separate report, may require the increase in number of automated routes due to the additional volume collected. However, any increase in automated collection routes would be offset by a similar or greater reduction in garden refuse routes.

MINIMUM SERVICE PERIOD FOR ADDITIONAL CONTAINERS

Some residents will request additional 90-gallon containers to provide extra garbage service, or for the disposal of garden refuse. There is a high cost involved in distributing and/or retrieving these extra containers at the start/stop of extra service. Therefore, the Division recommends that extra 90-gallon container service be for a minimum time frame of six (6) months, and that a special fee of \$20.00 be charged for retrieval of a container if extra service is stopped less than six (6) months after start.

FINANCIAL

The City Council approved a Certificate Of Participation (COP) for the purchase of 21,000 90-gallon containers in the amount of \$1,470,000. At this time 6,000 containers have been purchased. The remaining 15,000 containers was authorized by the City Council at its September 23, 1986 meeting. The Fleet Management Fund is able to order sufficient new automated side loader equipment to serve all new routes planned during 1986/87.

RECOMMENDATION

The automated collection service 90-gallon implementation plan is presented for information only. Staff recommends this information report be submitted to the City Council.

Staff requests that the Budget and Finance/Transportation and Community Development Committee recommend approval by the City Council of the attached draft resolution proposing, effective immediately, a \$20.00 fee when extra 90-gallon container service is not maintained for a minimum of six (6) months.



Respectfully submitted,



John F. Boss
Solid Waste Division Manager

Recommendation Approved:

Approved:


Solon Wisham, Jr.
Assistant City Manager
MELVIN H. JOHNSON
Director, Public Works

RESOLUTION NO.

ADOPTED BY THE SACRAMENTO CITY COUNCIL ON DATE OF

DRAFT

RESOLUTION TO ESTABLISH A FEE FOR NOT
MAINTAINING ADDITIONAL 90-GALLON CONTAINER
WASTE REMOVAL SERVICES FOR A MINIMUM OF SIX (6) MONTHS
PURSUANT TO SECTION 19.108-1 OF THE SACRAMENTO CITY CODE

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF SACRAMENTO:

The City of Sacramento Fees and Charges Report (Page 96c) for
waste removal services is hereby amended, effective _____,
as follows:

VI. MECHANICAL LIFT CONTAINER 90-GALLON - Monthly rate:

- | | |
|------------------------------|------|
| One can pickup/once per week | 7.76 |
| * Each additional container | 3.91 |
- * A fee of \$20.00 will be charged if service for additional
containers is stopped less than six (6) months after
service is started.

MAYOR

ATTEST:

City Clerk