

WASTE WHEELER
REFUSE CONTAINER
PROGRAM PROPOSAL

Notice thereof having been published in accordance with law and affidavit of publication being on file in the office of the City Clerk, Mayor Snider called for the Informal Public Hearing to consider the proposed new system using Waste Wheelers for the collection and disposal of refuse generated by residential customers of the City of Lodi.

The subject was introduced by Mr. David Vaccarezza, General Manager of Sanitary City Disposal, Inc., Mr. Vaccarezza presented the following proposal concerning the Waste Wheeler Program. Under this proposal there would not be any increase in the current backyard service rate. The households that elect to have the Waste Wheeler would pay the one (1) can rate of \$4.87 for a 60 gallon or the two (2) can rate of \$7.22 for a 90 gallon Waste Wheeler serviced at the curb. California Waste Removal Systems, Inc. would take on the responsibility of charging each household that has a Waste Wheeler an additional \$2.50 rental charge per month.

Also speaking on behalf of the proposal was Mr. Gene Larkin of Sanitary City Disposal Company and Mr. John Grow, representing Refuse Removal Systems, the manufacturers of the Waste Wheelers.

The following persons addressed the Council regarding the proposal:

- a) John Atkinson, 2034 Corbin Lane, Lodi
- b) Hattie Robbins, 422 S. Stockton Street, Lodi
- c) Dave Sherman, 1410 Edgewood Drive, Lodi
- d) Wilson Coffman, 2157 Oxford Way, Lodi

There being no other persons in the audience wishing to speak on the matter, the public portion of the hearing was closed.

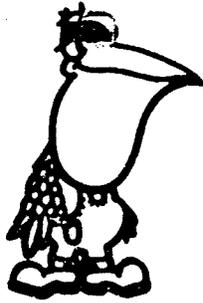
A very lengthy discussion followed with questions being directed to Staff, to Mr. Vaccarezza, representatives of his company, and to persons who had given testimony.

A number of motions were made concerning the matter and withdrawn.

On motion of Council Member Pinkerton, Olson second, Council authorized California Waste Removal System, Inc., to rent Waste Wheeler refuse containers to individual customers within the City of Lodi on a voluntary basis. Sanitary City Disposal Company, Inc., is to pick up the Waste Wheeler refuse containers as part of their regular collection service within the City of Lodi and the customers are to be charged at the following existing City rates for collection service:

- | | |
|--|------------------|
| 60 gallon Waste Wheeler refuse container | \$7.22 per month |
| 90 gallon Waste Wheeler refuse container | \$9.57 per month |

The motion carried by unanimous vote.



WASTE WHEELER PILOT PROGRAM

CITY OF LODI

CUSTOMER SURVEY

On July 30, 1984, Sanitary City Disposal Company introduced a pilot program to test the use of waste wheeler refuse collection system as opposed to the standard 30 gallon backyard collection system.

The test area comprised of those residential customers located from Turner Road north to the Mokelumne River and from the southern Pacific tracks west to Lodi Lake. There are 498 households being serviced in this area. An introductory letter (Enclosure #1) and a waste wheeler brochure (Enclosure #2) were mailed July 30, 1984 to all households in the test area.

On August 1, 1984, Sanitary City Disposal Company representatives commenced a door to door canvas to present the program and answer questions. All customers contacted were asked if they wished to participate in the program. At least two efforts were made to contact each household in person.

Those that were not contacted in person were contacted by telephone. Four hundred and eighty households were contacted. Of these contacted, 460 (96%) elected to participate in the test program.

All participating households received a waste wheeler on or about August 15th and have been using them for the past 13 weeks. During the canvassing, all customers were asked to take the waste wheeler to the curb as a part of the test. The majority of the customers elected to perform this part of the survey.

On September 27, 1984, a customer evaluation survey (Enclosure #3) was mailed to all households participating in the test. The survey consisted of 7 questions and space for comments. Of the 460 questionnaires mailed - 360 responded (78%).

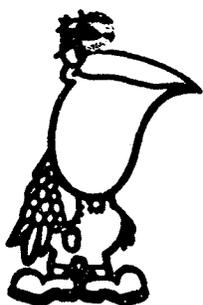
As a result of the survey the following conclusions were drawn.

The vast majority (87%) indicated they would continue the service if offered.

There were many positive remarks on the convenience, appearance, capacity and service. Some questioned the potential additional cost for the use of the waste wheeler. Some questioned the liability for damage and theft. Some remarked on the difficulty in cleaning the waste wheeler and suggested or requested a plastic bag liner. Some expressed concern over the possibility of discontinued backyard service.

The size of the container (90 gallon) was considered a positive advantage by most. Some considered the 90 gallon unit as too large for their needs which indicated the need for the smaller 60 gallon unit.

The results of the survey indicated the majority of the homeowners liked the service well enough to warrant implementation city wide on a voluntary basis.



Dear Valued Customer:

Commencing the week of August 6, 1984, the Sanitary City Disposal Company, your refuse collection service, in cooperation with Refuse Removal Systems, Inc. is experimenting with a newer, more modern, efficient, safer, quieter collection service.

In this connection, the Sanitary City Disposal Company, on a pilot program basis, will provide for your use, the "Waste Wheeler" refuse cart for a sixty to ninety day test period.

1. There will be no extra charge by the Sanitary City Disposal Company for the use of the container. The Waste Wheeler holds 90 gallons, is on wheels, is very easy to handle and improves the appearance of your neighborhood.

2. We desire your assistance in this program by using your Waste Wheeler. It is designed to be used for all household and garden waste. Note: Please do not use for storage of paint, oil, solvents, rocks, or hot ashes. The Waste Wheeler can be kept fresh as it is easily cleaned with your garden hose and can be easily wheeled to the curb on collection day.

3. You will note the Waste Wheeler holds 90 gallons. This is equal to three standard cans you may now be using.

4. Representatives from the Sanitary City Disposal Company will be contacting you during the week of August 1 to provide assistance and to answer any questions about the Waste Wheelers. If additional information is requested, please call 369-3561.

Near the end of the sixty to ninety day test period, we will afford you the opportunity to register your comments on a form to be provided to you. This test has been authorized by the City Council.

We are confident that you will be pleased and happy about the high level of service being offered and hope that you will enjoy participating in this experimental program.

Sincerely,

SANITARY CITY DISPOSAL COMPANY, INC.

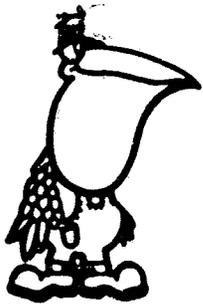


CUSTOMER EVALUATION SURVEY
and
COMMENTS ON WASTE WHEELER TEST PROGRAM

	<u>YES</u>	<u>NO</u>	<u>NO ANSWER</u>
1. Was your waste wheeler more convenient for you than the former collection system?	<u>305-85%</u>	<u>48-13%</u>	<u>2%</u>
2. Do you feel that the quality and level of service has improved with the use of the waste wheeler?	<u>250-69%</u>	<u>92-26%</u>	<u>5%</u>
3. Did you notice a reduction in collection noise, litter and spillage?	<u>290-81%</u>	<u>59-16%</u>	<u>3%</u>
4. Was the waste wheeler easier to clean and were there fewer odors and insects?	<u>249-69%</u>	<u>111-31%</u>	<u>10%</u>
5. Did you find it easier and more convenient to use the waste wheeler while gardening, trimming, or working around the yard?	<u>303-84%</u>	<u>57-16%</u>	<u> </u>
6. Did the use of the waste wheeler enhance and improve the appearance of your property, the street, and neighborhood on collection day?	<u>251-70%</u>	<u>101-28%</u>	<u>3%</u>
7. Would you rather have this form of collection than former method?	<u>304-84%</u>	<u>43-12%</u>	<u>4%</u>

We appreciate and thank you for your cooperation and participation in the test program, and your time and consideration in completing and returning this survey.

Additional Comments: _____



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November 6, 1984

Honorable Mayor and Members of the City Council
City of Lodi - City Hall
Post Office Box 320
Lodi, California 95241

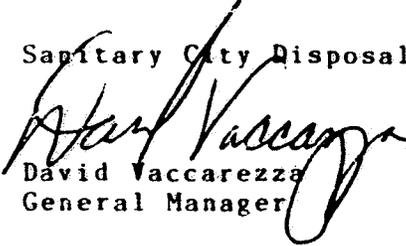
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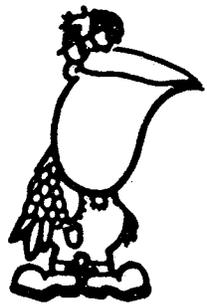
Council Members:

Sanitary City Disposal Company would like the Lodi City Council to consider a Volunteer Waste Wheeler program. Under this proposal there would not be any increase in the current backyard service rate. The households that elect to have the Waste Wheeler would pay the one (1) can rate of \$4.87 for a 60 gallon or the two (2) can rate of \$7.22 for a 90 gallon Waste Wheeler serviced at the curb. California Waste Removal Systems, Inc. would take on the responsibility of charging each household that has a Waste Wheeler an additional \$2.50 rental charge per month.

Your timely consideration in this matter is greatly appreciated.

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David Vaccarezza
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COMPARATIVE ANALYSIS

REFUSE COLLECTION SYSTEMS

Sanitary City Disposal Company

City of Lodi - California

PURPOSE

The purpose of this analysis is to compare the system now used to collect and dispose of the refuse generated by residential customers to a new proposed system using the waste wheeler provided by Refuse Removal Systems, Inc.

BACKGROUND

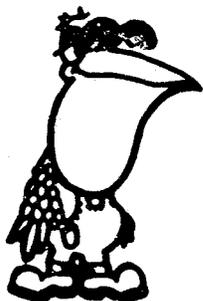
The existing collection system consists of one truck (rear loader) and two men collecting 30 gallon containers from the customer's backyard and returning the containers to the backyard. One additional man and a cushion mini-dump was used to supplement the truck on the route.

The new proposed system consists of one truck (rear loader) equipped with a hydraulic tipper using the 90 gallon waste wheeler. During the canvas of the service area, the customers were asked to place the waste wheeler at curbside. They were informed that this was a voluntary option.

A field study (time and motion survey) determined the following breakdown for an average day for one rear loader truck with a two man crew.

	EXISTING SYSTEM	WASTE WHEELER
<u>Operation</u>	<u>Time</u>	<u>Time</u>
Time on Route	291 Minutes	151 Minutes
To First Stop	10 Minutes	10 Minutes
To Dump & Return	25 Minutes	25 Minutes
Lunch	30 Minutes	30 Minutes
Break	20 Minutes	20 Minutes
Lost Time (Fatigue)	30 Minutes	26 Minutes
Return to Transfer Station	10 Minutes	10 Minutes
Yard Time	30 Minutes	30 Minutes
Hopper Time	44 Minutes	44 Minutes
	<hr/> 490 Minutes	<hr/> 346 Minutes

The only operations impacted by the use of the waste wheeler collection system is the "Time on Route" and the "Lost Time (Fatigue)" resulting in a reduction of 144 minutes or 29% savings.



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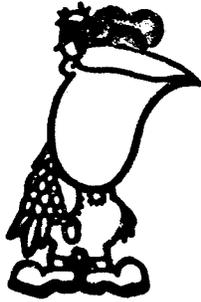
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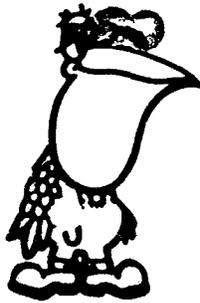


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WASTE WHEELER PILOT PROGRAM

CITY OF LODI

RATE OF IMPACT SURVEY

I. PRESENT - WALK IN BACKYARD COLLECTION SYSTEM

A) The present rates are as follows:

1 Can	-	\$4.85
2 Cans	-	\$7.20
3 Cans	-	\$9.55

II. THE SYSTEMS STUDIED

- A) Waste Wheeler - City wide
- B) Curbside - City wide
- C) Waste Wheeler Voluntary Rental Program
- D) Recommendation - Waste Wheeler Voluntary Rental Program

III. WASTE WHEELERS - CITY WIDE

- A) 90% participation
- B) Payroll reductions were significant
- C) Equipment cost increase due to container purchase
- D) Other costs increased slightly
- E) Overall cost increased 5.7% over 1984 cost
- F) Rates adjusted to increase revenue for waste wheeler
- G) Net effect on the rates would increase to:

1 Can	60	-	Curbside	\$5.60
2 Cans	90	-	Curbside	\$8.30
3 Cans		-	Curbside	\$11.00

IV. CURBSIDE - CITY WIDE

- A) 90% participation
- B) Payroll reductions were significant
- C) Equipment cost reduced significantly
- D) Overall savings were 4.9% over 1984 cost
- E) Net effect on the rates would reduce to:

1 Can	-	Curbside	\$4.50
2 Cans	-	Curbside	\$6.70
3 Cans	-	Curbside	\$8.90

V. VOLUNTARY WASTE WHEELER RENTAL PROGRAM

- A) 40% participation
- B) Payroll - no change
- C) Equipment increases would be significant
- D) Other costs increase moderately
- E) Overall cost would increase 4.8% over 1984 cost
- F) Rental revenue will increase overall revenues enough to offset overall increased expenses
- G) Rate effect:

		<u>Service</u>	<u>Rental</u>	<u>Total</u>
1 Can	- Backyard	\$4.85	-0-	\$4.85
2 Cans	- Backyard	\$7.20	-0-	\$7.20
3 Cans	- Backyard	\$9.55	-0-	\$9.55
2 Cans	⁶⁰ Waste Wheeler Curbside	\$4.70	\$2.50	\$7.20
3 Cans	⁹⁰ Waste Wheeler Curbside	\$7.05	\$2.50	\$9.55

VI. RECOMMENDATION - VOLUNTARY WASTE WHEELER RENTAL PROGRAM

- A) Benefits only those involved
- B) Customer has no container cost
- C) Containers are maintenance free
- D) Marketing - 30 day free trial city wide by route