



CITY OF SACRAMENTO

CITY MANAGER'S OFFICE
RECEIVED
OCT 16 1980

DIVISION OF WASTE REMOVAL

927 TENTH STREET
SUITE 200

SACRAMENTO, CALIF. 95814
TELEPHONE (916) 449-5757

REGINALD YOUNG
SUPERINTENDENT
PAUL SMILANICH
ASSISTANT SUPERINTENDENT

October 15, 1980

City Council
Sacramento, California

Honorable Members in Session:

SUBJECT: Discontinuance of City Garbage Service to Sunken Garbage Cans

SUMMARY

This report recommends that the City Council approve a change in Section 19.0 of the City Code that would discontinue the current service of City Sanitation Workers collecting refuse cans from sunken storage containers.

BACKGROUND INFORMATION

The report attached hereto as Enclosure (1) informs the City Council that the City provides sanitation services to approximately 1,300 sunken garbage cans. The 1,300 cans represent less than 2% of the containers collected each week but are responsible for approximately 20% of our employee injuries.

The City-County Solid Waste Advisory Committee and other agencies have recommended that we discontinue service to these containers. The City Council's Budget and Finance Committee has evaluated the recommended Code change and approved it.

FINANCIAL DATA

This recommendation should reduce the City's personnel injury cost.

RECOMMENDATION

It is recommended that the City Council;

1. Approve the attached change in Section 19.0 of the City Code to discontinue City collections of waste from sunken garbage cans.

APPROVED PFP & CONT
BY THE CITY COUNCIL

OCT 21 1980 70 11-5-80

OFFICE OF THE
CITY CLERK

October 15, 1980

- 2. Make the discontinuance of collection from sunken cans effective 30 days after Council's approval of the amended City Code.

Respectfully submitted,

Reginald Young
 Reginald Young
 Waste Removal Superintendent

Recommendation Approved

Walter J. Slipe
 for Walter J. Slipe
 City Manager

October 21, 1980
 All Districts

Enclosure (1) Report to Budget and Finance Committee
 "Prohibitions on Sunken Garbage Can Service"

'PROHIBITIONS ON SUNKEN GARBAGE CAN SERVICE'

PERMISSION TO REPRODUCE



CITY OF SACRAMENTO

5

DIVISION OF WASTE REMOVAL

927 TENTH STREET
SUITE 200

SACRAMENTO, CALIF. 95814
TELEPHONE (916) 449-5757

REGINALD YOUNG
SUPERINTENDENT
PAUL SMILANICH
ASSISTANT SUPERINTENDENT

October 7, 1980

Budget and Finance Committee
Sacramento, California

Honorable Members in Session

SUBJECT: Prohibition on Sunken Garbage Can Service

SUMMARY

This report requests that the Budget and Finance Committee recommend that the City Council approve a change in the City Code (Section 19.0) that would discontinue the City service of collecting refuse from sunken garbage cans.

BACKGROUND INFORMATION

The City of Sacramento currently collects refuse from approximately 1300 sunken garbage cans. However, the City/County Solid Waste Advisory Committee, the State Health Department, the Department of Industrial Relations and Cal-OSHA have recommended that refuse collection from sunken garbage cans be discontinued. (See attached Appendix I.)

The risk of non-lethal personal injury is higher in the sanitation industry than in any other industry in the United States. The rate of disabling injury is nearly ten times that of all industry. Back strain represents the leading single type of injury sustained by sanitation workers, accounting for 25% of the injuries recorded (see attached Appendix II). Over 50% of all injuries in refuse collection occur when the employee is handling a container. While Sacramento's 1300 sunken garbage containers represent less than 2 per cent of the 77,000 plus containers we collect each week, these sunken containers caused 20% of the injuries to sanitation workers in a period from January 1, 1980 through April 28, 1980.

Managers cannot reduce many of the risks associated with refuse collection as these risks are inherent to the industry; however when a particular risk can be eliminated, it should be.

The collection of sunken garbage cans requires the worker to bend over so that his hands are below the ground, grasp the can by its handle(s) and hoist the can out of the ground for about a 2½ foot pull to ground level, then pivot and set the can down. The can and its contents may weigh up to 65 pounds (some of which is water in the can). The hole (if water surrounds the can) may create a suction effect, increasing this load.

Sunken cans usually have conditions not applicable to above ground containers; the

- sunken can(s) commonly fill up with rain or hose water, thus increasing the weight of the can.

- customers can (and do) more easily compact wastes by stomping the contents within the can.

when handles break on sunken cans it is almost impossible to remove the cans from their holes.

- the collectors cannot test the can load before attempting the lift.

The collection from sunken cans is not an essential service as customers could (1) purchase above ground containers, or (2) remove their containers from the hole themselves on the day of collection.

FINANCIAL DATA

To discontinue service to sunken cans will reduce the City's personnel injury cost.

If customers choose to purchase above ground containers to replace their sunken cans, new 30-32 gallon cans would cost approximately \$7.00 per can.

If customers elect to pull their own cans out of the ground they would have to provide lids for the cans. The sunken can lids are fixed to above ground assembly.

RECOMMENDATION

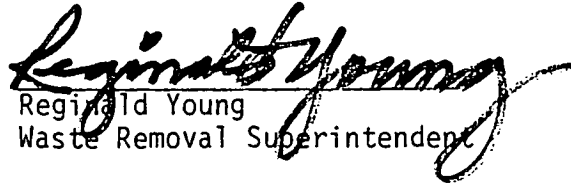
It is recommended that the Budget and Finance Committee recommend that the City Council;

1. Approve a change to the City Code Section 19.0, as shown in attached Appendix III, that would discontinue City collection of waste from sunken garbage cans.

2. Make the discontinuance of collection from sunken cans effective 30 days after the Council's approval of the amended City Code.

October 7, 1980

Respectfully submitted


Reginald Young
Waste Removal Superintendent

Recommendation Approved:


Jack Crist
Director of Finance

October 14, 1980
All Districts

- Appendices: (1) Request to Discontinue Service to Sunken Garbage Cans
(2) Waste Removal Injury Data (1/1/80 thru 4/28/80)
(3) Proposed Change to Sacramento City Code (Section 19.136)

Appendix I

REQUESTS

TO

DISCONTINUE SERVICE

TO

SUNKEN GARBAGE CANS



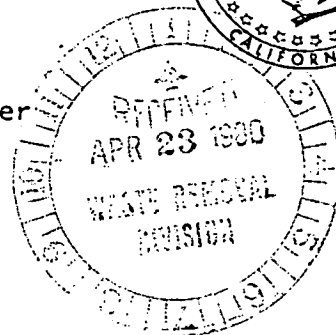
SOLID WASTE

ADVISORY COMMITTEE

Solid Waste Management Plan
Resource Recovery

Solid Waste Transfer
Waste Disposal

March 12, 1980



Sacramento City Council
915 "I" Street
Sacramento, Ca. 95814

Dear Councilpersons:

The Solid Waste Advisory Committee (SWAC) of the City and County of Sacramento has voted to recommend that your Council adopt an ordinance to discontinue service at sunken garbage cans by City employees.

The Sacramento City Waste Disposal Division currently empties sunken refuse cans at about 1300 dwellings according to Director of Waste Removal Reginald Young. These sunken cans are difficult to service because they must be pulled from below ground level, a task that is sometimes made more difficult because the can receptacles become filled with water.

A study conducted by Sacramento County shows the relationship between servicing of sunken cans and injuries to the backs of refuse workers who must service sunken cans ("Sacramento County Sunken Garbage Can Study", prepared by the Department of Public Works, Solid Waste Management Division for the Board of Supervisors, Sept. 11, 1979). Comments by some City Staff members indicate that the rate of injury is also high among City refuse employees.

The SWAC believes that servicing of sunken cans presents an unnecessary risk to the health of City refuse collectors. Because of this risk, SWAC recommends that your Council vote to discontinue immediately the servicing of all sunken garbage cans in the City.

Sincerely yours,

Carl J. Hauge
Acting Chairperson

CJH/ks

COUNTY OF SACRAMENTO

Inter-Department Correspondence

Date August 2, 1979

To : GEORGE LYNCH, Administrative Officer
Solid Waste Management

From : *Ken Knight*
KEN KNIGHT, Supervising Sanitarian
Environmental Health Branch

Subject : SUNKEN GARBAGE CONTAINERS

The Environmental Health Branch would endorse any restrictions or prohibitions regarding sunken garbage cans for the following reasons:

1. Refuse in sunken garbage containers can be easily compacted to the point that the can is difficult to lift and would require that the waste material be removed by hand.
2. Lids on sunken containers that are broken or bent allow for fly breeding and rodent attraction. Replacement lids on sunken cans do not appear to be as readily available as those for above ground 30 gallon containers.
3. Wastes including liquids do pass along side or through (damaged) sunken liners into the pit and are very difficult to remove. Odors and fly breeding can easily occur.
4. Sunken containers with missing lids are a safety hazard especially for children who may fall in.
5. Because a single sunken container is generally provided per residential unit, two can service requires additional cans above ground thus the intended benefit of below ground storage is defeated by often having two separate waste storage areas.

A fenced above ground refuse storage area for 30 gallon cans that can be easily cleaned and replaced when needed is far more desirable from a public health and safety point of view than the sunken garbage cans currently in use at some locations in Sacramento.

KKK:bp
080279



DEPARTMENT OF INDUSTRIAL RELATIONS
DIVISION OF OCCUPATIONAL SAFETY AND
HEALTH ADMINISTRATION

455 GOLDEN GATE AVENUE
SAN FRANCISCO

ADDRESS REPLY TO:
P. O. BOX 603
SAN FRANCISCO, CALIF. 94101

April 19, 1979

Mr. H. D. Kerton, Chief
Sacramento Department of Public Works
Solid Waste Management Division
9660 C Ecology Lane
Sacramento, California 95827

Dear Mr. Kerton

Thank you for your letter of April 9, 1979 regarding back injuries from lifting sunken garbage cans. Your evaluation of the statistical evidence is exactly correct. While there is ample evidence that heavy lifting causes back injury, we do not have a large working group that lifts only sunken garbage cans.

In October of 1977, we adopted a safety order on "Refuse and Trash Collection and Compactor Equipment" which references ANSI Z245.1-1975. This order is Section 4350 of the General Industry Safety Orders, Title 8, California Administrative Code. This section does not specifically cover lifting of sunken garbage cans, but it does cover other safety practices.

There has been a major reorganization of the Cal/OSHA program since 1977. The two pertinent changes are that the health component has been transferred from the Department of Health to the Department of Industrial Relations, and the safety standards development staff has been transferred to California Occupational Safety and Health Standards Board.

The recommendation of your Citizens Advisory Committee for Solid Waste Management is consistent with the belief of our medical staff in that lifting these heavy cans from their sunken position is a major cause of the excessive back injuries to these workers. The effect of following this recommendation would require the occupant to place the can on the ground on the day it is to be emptied. While there may be some esthetic problems for a short time, it does not appear to be a major capital cost to the landlords.

If you cannot resolve this problem yourself, you can petition the Occupational Safety and Health Standards Board to develop a standard in this regard. Their next meeting is in Sacramento on May 24, 1979. Dr. Bruce Dickerson, a new member of the Board, is quite familiar with this problem. Of course, the Board will be given the full cooperation of our medical unit.

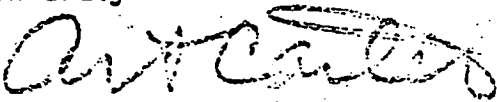
Mr. H. D. Kerton, Chief
April 19, 1979
Page 2

Petitions should be addressed to:

Mr. R. T. Rinaldi, Executive Officer
Occupational Safety & Health Standards Board
1006 Fourth Street, Third Floor
Sacramento, California 95814

(916) 322-3640

Sincerely



Art Carter, Chief

/rb

cc Dr. R. Wade, Deputy Chief-Health, DOSH
Dr. L. Rose, DOSH
Dr. R. Johnson, DOSH
R. T. Rinaldi

Appendix II

WASTE REMOVAL

INJURY DATA

(January 1, 1980 through April 28, 1980)

R. L. KAUTZ & Co.

ESTABLISHED 1933
LOS ANGELES (213) 556-1111

INSURANCE MANAGEMENT

LOCATION REPORT

LOCATION **003201**

WASTE REMOVAL

* - Sunken can related injuries

INSURANCE CO.

POLICY NUMBER

0277

CITY OF SACRAMENTO
CITY OF SACRAMENTO

WORKERS COMPENSATION

POLICY PERIOD THRU

DATE OF THIS REPORT **04-30-80**

CLAIM NUMBER	CLAIMANT NAME	DATE OF INJURY	LINE OF COVER	CLAIM STATUS			INJURY DESCRIPTION	DATE CLOSED		PAID TO DATE	RESERVES TO DATE	INCURRED LOSS
				MULT	LIT	OTHER		MO.	YR.			
79 0527	TROTTER, ANDY	12 24 79					FINGER FRAC, AMP					
79 0531	COLE, GARY L	12 26 79					FINGER STRN, SPRN, DISLOC					
79 0551	JACKSON, GUS N *	01 09 80					BACK STRN, SPRN, DISLOC *	04	80			
79 0556	KAIHE, GEORGE	12 19 79				NLT	HAND STRN, SPRN, DISLOC	01	80			
79 0557	BLACK, DONALD	01 08 80					FOOT STRN, SPRN, DISLOC					
79 0562	THOMAS, ALVIN M	12 06 79				NLT	BACK STRN, SPRN, DISLOC	02	80			
79 0564	PRINCE, STANLEY P	12 05 79				NLT	EYE MISC CAUSES	02	80			
79 0571	JONES, VAN	12 24 79					ANKLE STRN, SPRN, DISLOC					
79 0573	NEAL, CURTIS	12 19 79					FINGER MISC CAUSES					
79 0577	LOVE, RICHARD C	12 24 79				NLT	SHLDR STRN, SPRN, DISLOC	03	80			
79 0581	MEJIA, ESTEBAN	12 26 79				NLT	HAND LAC, ABR, CONT	01	80			
79 0582	SMITH, GRANVILLE	12 19 79				NLT	KNEE LAC, ABR, CONT	02	80			
79 0584	WINN, RAYMOND C	12 11 79				NLT	EYE MISC CAUSES	01	80			
79 0585	TURNER, LEADEL	12 17 79				NLT	HAND LAC, ABR, CONT	02	80			
79 0591	SABALA, RICHARD *	01 09 80					BACK STRN, SPRN, DISLOC *	03	80			
79 0592	PABLO, PETER D	01 14 80				NLT	WRIST LAC, ABR, CONT	03	80			
79 0597	CASANOVA, REYNALDO B	01 10 80				NLT	EYE MISC CAUSES	03	80			
79 0601	MATHENY, MICHAEL	12 26 79				NLT	ANKLE LAC, ABR, CONT	03	80			
79 0605	KHAN, DEAN S	01 14 80					BACK STRN, SPRN, DISLOC	04	80			
79 0607	AUSTIN, DAVID	01 04 80					MULTIPLE LAC, ABR, CONT					
79 0614	GRANT, MANUEL *	01 14 80				NLT	BACK STRN, SPRN, DISLOC *	03	80			
79 0615	CARRUTH, ALLEN O	01 15 80				NLT	BACK STRN, SPRN, DISLOC	03	80			
79 0623	THOMPSON, WILLIAM L	01 21 80				NLT	ANKLE STRN, SPRN, DISLOC	03	80			
79 0624	MINCEY, WILLIE J	01 18 80				NLT	FINGER LAC, ABR, CONT	03	80			
79 0631	WOODS, LEROY K	01 17 80					MULTIPLE STRN, SPRN, DISLOC					

R. L. KAUTZ & Co.

INSURANCE MANAGEMENT

LOCATION REPORT

ESTABLISHED 1933
LOS ANGELES (213) 556-1111

LOCATION 003201

INSURANCE CO.

POLICY NUMBER

WASTE REMOVAL

0277
CITY OF SACRAMENTO
CITY OF SACRAMENTO

WORKERS COMPENSATION

POLICY PERIOD THRU

DATE OF THIS REPORT 04-30-80

CLAIM NUMBER	CLAIMANT NAME	DATE OF INJURY	LINE OF COVER	CLAIM STATUS			INJURY DESCRIPTION	DATE CLOSED		PAID TO DATE	RESERVES TO DATE	INCURRED LOSS
				MULT	LIT	OTHER		MO.	YR.			
79 0640	PURDIE, CARLTON H *	01 29 80				NLT	ABDOMEN MISC CAUSES *	03	80			
79 0660	SINGLETON, DAVE	01 14 80				NLT	KNEE STRN, SPRN, DISLOC	04	80			
79 0661	SMITH, GRANDVILLE	01 22 80				NLT	LEG LAC, ABR, CONT					
79 0666	SCOTT, ROBERT	01 26 80					FOOT STRN, SPRN, DISLOC					
79 0673	AVILA, JAMES	02 07 80					FINGER STRN, SPRN, DISLOC					
79 0675	DAVIS, JOHN	01 29 80					SHLDR LAC, ABR, CONT					
79 0676	GULLY, FRED	01 31 80					BACK STRN, SPRN, DISLOC					
79 0679	COLVARD, JAMES O	02 11 80					MULTIPLE STRN, SPRN, DISLOC	04	80			
79 0680	FRIDGEN, BENNIE L	02 15 80				NLT	MULTIPLE STRN, SPRN, DISLOC	04	80			
79 0684	THOMAS, FRANK C	02 15 80				NLT	KNEE STRN, SPRN, DISLOC	03	80			
79 0688	JONES, SHERMAN H *	02 15 80				NLT	MULTIPLE STRN, SPRN, DISLOC *	03	80			
79 0692	HIGGINS, EARL G	02 01 80					BACK STRN, SPRN, DISLOC					
79 0711	ELIAS, FRANK	02 20 80					BACK STRN, SPRN, DISLOC					
79 0713	JOHNSON, DONALD	02 20 80					BACK STRN, SPRN, DISLOC					
79 0720	MARTIN, GILESPPIE L	02 25 80					MULTIPLE STRN, SPRN, DISLOC					
79 0724	LOVE, RICHARD C	02 18 80					HIP STRN, SPRN, DISLOC					
79 0730	KAIHE, GEORGE J	02 20 80				NLT	WRIST STRN, SPRN, DISLOC	03	80			
79 0734	SANCHEZ, STEPHEN A	02 18 80				NLT	BACK STRN, SPRN, DISLOC	03	80			
79 0738	BROWNLEE, HAROLD *	02 20 80				NLT	BACK STRN, SPRN, DISLOC *	04	80			
79 0742	BEAN, ANDY	02 19 80					BACK STRN, SPRN, DISLOC					
79 0743	FLORES, PAUL *	02 06 80					BACK STRN, SPRN, DISLOC *					
79 0745	NORIEGA, JOHN	02 27 80					ARM STRN, SPRN, DISLOC					
79 0753	GEBHART, DENNIS A	02 12 80				NLT	SHLDR STRN, SPRN, DISLOC	03	80			
79 0759	BLACK, DONALD	02 15 80				NLT	SHLDR STRN, SPRN, DISLOC	03	80			
79 0760	CALDWELL, CLIFFORD	02 15 80				NLT	HEAD STRN, SPRN, DISLOC	03	80			

R. L. KAUTZ & Co.

ESTABLISHED 1933

LOS ANGELES (213) 556-1111

INSURANCE MANAGEMENT

LOCATION REPORT

LOCATION **003201**

WASTE REMOVAL

INSURANCE CO.

POLICY NUMBER

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CITY OF SACRAMENTO
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WORKERS COMPENSATION

POLICY PERIOD THRU

DATE OF THIS REPORT **04-30-80**

CLAIM NUMBER	CLAIMANT NAME	DATE OF INJURY	LINE OF COVER	CLAIM STATUS			INJURY DESCRIPTION	DATE CLOSED		PAID TO DATE	RESERVES TO DATE	INCURRED LOSS
				FAULT	LIT	OTHER		MO.	YR.			
79 0769	FLORES, PAUL A	03 04 80				NLT	FOOT MISC CAUSES					
79 0770	RAMEY, HERMAN F	02 29 80				NLT	HAND OCCUP ILL.	04	80			
79 0776	GARCIA, CHARLES	01 29 80				NLT	OTHER OCCUP ILL.	04	80			
79 0782	SWIFT, JAMES W	03 13 80					KNEE LAC, ABR, CONT					
79 0784	BRADLEY, SAMUEL J	03 12 80				NLT	HAND OCCUP ILL.					
79 0785	STALLWORTH, MICHAEL	03 10 80				NLT	FINGER LAC, ABR, CONT	04	80			
79 0786	MARTIN, THEODORE P JR	03 10 80				NLT	FOOT LAC, ABR, CONT	04	80			
79 0808	THOMAS, HORACE	03 18 80					WRIST LAC, ABR, CONT					
79 0819	DAVIS, WILLIE J.	03 12 80					SHLDR STRN, SPRN, DISLOC					
79 0828	GARCIA, CHARLES S.	03 17 80				NLT	WRIST LAC, ABR, CONT	04	80			
79 0829	BURSIAGA, EDDIE	03 03 80				NLT	OTHER LAC, ABR, CONT	04	80			
79 0834	MATHENY, MICHAEL L.	03 27 80				NLT	ANKLE STRN, SPRN, DISLOC	04	80			
79 0836	JONES, ANDREW L. *	03 21 80					KNEE STRN, SPRN, DISLOC *					
79 0846	JONES, SHERMAN H.	03 21 80				NLT	FOOT LAC, ABR, CONT	04	80			
79 0852	JASPER, ARTHUR O.	03 31 80				NLT	KNEE STRN, SPRN, DISLOC					
79 0853	STEVENS, ROY	03 17 80				NLT	EYE MISC CAUSES	04	80			
79 0855	GRANT, MANUEL	03 28 80					BACK STRN, SPRN, DISLOC	04	80			
79 0856	MEJIA, EMILIO V	03 28 80				NLT	HAND STRN, SPRN, DISLOC	04	80			
79 0865	BRENGETTSEY, HOUSTON	02 29 80					KNEE STRN, SPRN, DISLOC					
79 0866	PORTER, JAMES E.	04 02 80					KNEE STRN, SPRN, DISLOC					
79 0875	GARCIA, CHARLES *	03 24 80					BACK STRN, SPRN, DISLOC *					
79 0886	BRADLEY, SAMUEL	03 31 80					BACK STRN, SPRN, DISLOC					
79 0887	HIGGINS, EARL *	03 24 80					BACK LAC, ABR, CONT *					
79 0896	FRAZIER, KENNETH O.	04 09 80					BACK STRN, SPRN, DISLOC					
79 0897	RAYA, RAYMOND	04 14 80					SHLDR STRN, SPRN, DISLOC					

Appendix III

PROPOSED CHANGE

TO

SACRAMENTO CITY CODE

Section 19.136

ORDINANCE NO.

FOURTH SERIES

AN ORDINANCE DIRECTING THE SUPERIN-
TENDENT TO NOT COLLECT FROM
UNDERGROUND RECEPTACLES

BE IT ENACTED BY THE COUNCIL OF THE CITY OF SACRAMENTO AS FOLLOWS:

SECTION 1.

Section 19.136 is added to the Code of the City of Sacramento to read as follows:

Sec. 19.136 No collection from underground receptacles.

The superintendent shall not collect any garbage or rubbish from any receptacle not placed at or above ground level for collection at the times prescribed herein for placing receptacles for collection.

PASSED FOR PUBLICATION:

ENACTED:

EFFECTIVE:

MAYOR

ATTEST:

CITY CLERK