

DEPARTMENT OF HEALTH SERVICES

714/744 P STREET

SACRAMENTO, CA 95814



(916) 322-3670

August 29, 1988

Ms. Susie Wong
Chief Safety Officer (Acting)
Los Angeles Unified School District
P.O. Box 2298
Los Angeles, CA 90051

Dear Ms. Wong:

The Department has reviewed your request and supporting information for a variance from hazardous waste regulations concerning the disposal of emptied aerosol containers generated by the Los Angeles Unified School District (LAUSD).

During a telephone conversation on August 15, 1988, Ms. Julie Keller of your staff informed Ms. Cindy Oshita of my staff that the LAUSD is a conditionally exempt small quantity generator pursuant to Section 261.5, Title 40, Code of Federal Regulations.

You have stated that approximately 250 emptied aerosol containers are generated per week from about ten locations for the entire school district. A weekly estimate of the types of products and amounts disposed is as follows:

<u>PRODUCT</u>	<u>MANUFACTURER</u>	<u>% DISPOSAL</u>	<u>NUMBER OF CONTAINERS</u>
Krylon Int./Ext. Enamel or Engine Color-Spray Paint	Borden	32%	80
WD-40 Spray Cans LPS 1 & Greaseless Lubricant	WD-40 Company Holt Lloyd Corp.	21%	53
Typewriter Oil Spray	West Coast Platen Co.		
CO Contact Cleaner	CRC Chemicals	5%	12
3M Brand Super Adhesive 77	3M	4%	10
Gold Label Mist	Air Kem Professional	20%	50
Aerokroil LPS 3 Heavy Duty Rust Inhibitor	Kano Labs Holt Lloyd Corp.	4%	10

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<u>PRODUCT</u>	<u>MANUFACTURER</u>	<u>% DISPOSAL</u>	<u>NUMBER OF CONTAINERS</u>
GT 49-0, 5, 30	West Coast Platen	6%	15
Starting Fluid	Ig-Lo Products	4%	10
Whitmire PT 240 Perma-Dust	Whitmire Research Labs, Inc.	4%	10
		100%	250

In accordance to Section 66310(a)(1), Title 22, California Code of Regulations (CCR), the Department grants LAUSD a variance from the disposal requirements of Chapter 30, CCR, to allow the disposal of its small quantity of emptied aerosol containers to a non-Class I landfill, subject to the following conditions:

1. The aerosol containers are completely emptied as is practical under normal use, not merely vented to the atmosphere as a means of emptying the containers, and the pressure in the containers approaches atmospheric pressure.
2. The emptied aerosol containers are disposed at the site where the aerosol containers are generated to minimize the concentrated collection of containers at any one time at any one location.
3. Emptied aerosol pesticide containers are disposed of in accordance with label instructions which generally state "when container is empty, wrap in newspaper and place in trash collection."
4. Precautions are taken to assure children do not have easy access to discarded emptied aerosol containers.
5. Any partially full or malfunctioning aerosol containers are managed as hazardous waste.
6. The total number of emptied aerosol containers does not significantly increase.
7. The LAUSD continues to qualify under the small quantity generator exemption provided for in Title 40 of the federal regulations.

If any of the conditions of this variance is violated, the variance is rescinded. The LAUSD remains responsible for compliance with

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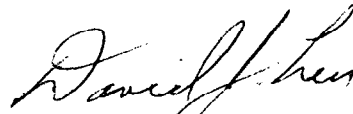
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all applicable Regional Water Quality Control Board requirements and any other state and local regulations.

If you should have questions concerning this variance, you may contact my office at (916) 322-2822.

Sincerely,



David J. Leu, Ph.D., Chief
Alternative Technology Section
Toxic Substances Control Division

cc: Jack Kearns, Acting Chief
REGION 3/LOS ANGELES
Toxic Substances Control Division
107 S. Broadway, Room 7011
Los Angeles, CA 90012

Jack Kearns, Acting Chief
REGION 4/LONG BEACH
Toxic Substances Control Division
245 W. Broadway, 3rd Floor
Long Beach, CA 90802

Robert Ghirelli, Executive Officer
Los Angeles Regional Water Quality
Control Board
107 S. Broadway, Room 4027
Los Angeles, CA 90012

Al Hearne
Environmental Management Deputy
Department of Health Services
313 N. Figueroa Street
Los Angeles, CA 90012

DJL:CO:vs

Los Angeles Unified School District

Business Services Division

LEONARD M. BRITTON
Superintendent of Schools

ROBERT BOOKER
Chief Business & Financial Officer

DAVID W. KOCH
Division Administrator, Business Services

BONNIE JAMES
Deputy Administrator, Business Services

March 16, 1988

Dr. David Leu, Chief of Alternative Technology Section
California Department of Health Services
714/744 P Street
Sacramento, CA 95814

Dear David Leu:

Submitted for your consideration, please find a "Request for Variance" on aerosol can disposal procedures for the Los Angeles Unified School District.

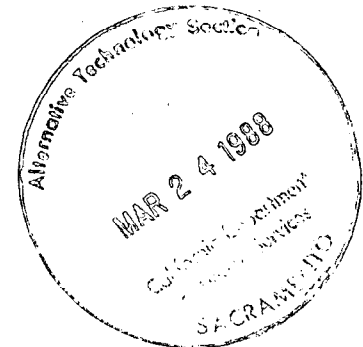
Your consideration and response is appreciated.

Thank You.

Sincerely,

Susie Wong
Susie Wong
Principal Safety Officer

SW:DD:kp



APPLICATION FOR VARIANCE

SUBJECT: VARIANCE REQUEST FOR DISPOSAL OF AEROSOL CANS

The Los Angeles Unified School District is formally requesting the department to recognize aerosol cans used by the school district, as to be no different than aerosol cans used and legally disposed of by households into the municipal trash.

According to Title 22, Division 4, Article 2, Section 66300 (g) - Emptied household hazardous material and pesticide containers of one (1) gallon or less in capacity, which are drained until there is no continuous flow of liquid, are not considered to be hazardous waste.

We believe that the disposal of small quantities of emptied aerosol cans into the municipal trash fall in this category and will not pose a significant hazard to human health and safety, livestock, or wild life.

1. Name and Address of the producer of the Waste:

Los Angeles Unified School District
Employee Safety Section
1425 S. San Pedro Street, Room 215
Los Angeles, CA 90015 ATTN: Susie Wong
Central Mailing Address

2. Description

of the waste: Emptied aerosol cans

Quantity: Approximately 250 per week for the entire school district

Physical State: Empty containers

Composition: Varies, may contain small amounts of propellants

Source: Varies, used in spray painting operations, as degreasers, lubricants, etc. Generally used by maintenance areas.

Production rate: An average of between 10 and 20 containers per week for approximately 10 locations.

3. Specification of variance: Variance to allow the school district to dispose of emptied aerosol containers in the municipal trash as opposed to containerizing, packing, and disposing of them as hazardous waste.

APPLICATION FOR VARIANCE (CONTINUED)

4. Assessment of the hazard: In our opinion, the potential hazard posed by emptied aerosol cans that may contain minuscule amounts of unused propellant is negligible. We believe there will be no "substantial personal injury, serious illness or harm to wildlife, during, or as a proximate result of any disposal of such waste" (Health and Safety Code, 25117. "Hazardous Waste").
5. Statement of how the waste is managed: Upon approval of this variance aerosol cans used within the school district will be completely emptied of the product. As cans are emptied, they will be disposed of so as to avoid the concentrated collection of cans by municipal trash trucks at any one time.