

James Chen

Program Coordinator, Riverside County Department of Waste Resources

James Chen is a program coordinator at Riverside County Department of Waste Resources, where he oversees the hazardous waste inspection program, household hazardous waste collection program, and transfer station audit program. James has designed, implemented and evaluated numerous household hazardous waste collection programs and hazardous waste diversion programs. Prior to joining Riverside County Department of Waste Resources, James worked for the City of San Diego overseeing its household hazardous waste collection program. James has a Bachelor of Science degree in chemistry/biochemistry from the University of California, San Diego.



VERY SMALL QUANTITY GENERATOR PROGRAM

Hazardous Waste Disposal Service for Small
Businesses, Non-Profits and Government
Agencies

OVERVIEW

- Hazardous waste collection and disposal program
- Operated by Riverside County Department of Waste Resources
- Designed for businesses, government agencies, non-profits that generate small amount of hazardous waste
- Goal is to provide a convenient, less-expensive and safe disposal service

ACCEPTABLE WASTE

- Fluorescent Lamps
- Batteries
- Propane Tanks
- Aerosol Cans
- Motor oil, Lubricants, Oil Filters, and Antifreeze
- Pesticides, Herbicides, Fungicides, and Fertilizers
- Latex and Oil-Based Paint
- Stains, Varnishes, Roofing Tar, Adhesives, and Joint Compounds
- Developer and Fixer
- Acids, Bases, Oxidizers, and Swimming Pool Chemicals
- Solvents, Flammable Solids, and Liquids



REGULATORY REQUIREMENTS

- Any entity produces hazardous waste = hazardous waste generator in CA
- Responsibilities
 - I. Properly characterize and identify all your hazardous waste
 - II. “Count” the quantity of hazardous waste
 - III. Determine your generator status
 - IV. Store and label in accordance with generator status
 - V. Properly dispose of the hazardous waste

It is illegal to dispose of HHW in the trash, down the drain, into storm drain.

GENERATOR STATUS

- Three Types
 - i. Large Quantity > 1,000kg or 2,200 pound per month
 - ii. Small Quantity < 1,000kg or 2,200 pound per month
 - iii. Very Small Quantity < 100kg or 220 pound a month or 27 gallons per month**
- Accumulate no more than 1,000 kg or 2,200 pounds of hazardous waste at any time

DISPOSAL OPTIONS

VSQG PROGRAM

- Self transport
- Pass through disposal costs / no mark up
- As needed service

HAZWASTE DISPOSAL COMPANY

- Pickup at your place of business
- Setup waste profiles
- Assume cradle-to-grave liability

STEP 1 EPA ID NUMBER

- Obtain a State EPA ID number from Department of Toxic Substances Control
- <https://dtsc.ca.gov/hazardous-waste-id-forms-and-publications/>
- Permanent vs Temporary
- Not necessary if only generate Universal Waste
 - i. fluorescent bulbs
 - ii. Batteries
 - iii. aerosol cans

Permanent EPA ID Application

California Environmental Protection Agency
Department of Toxic Substances Control
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Permanent State ID Number Application

NEW NUMBER REQUESTS. Check all that apply

1. I am applying for a new permanent State ID number as a hazardous waste:

a) Generator b) Transporter

Reason for a new number:

a) Never had a number b) Business moved c) Legal business owner changed

If your business generates greater than 100 kg of RCRA hazardous waste other than those hazardous wastes listed in 40 CFR 261.5subparts (c) and (d) per month, complete the EPA Form 8700-12 for a federal EPA ID number.

CHANGES TO STATUS OR INFORMATION FOR AN EXISTING STATE ID NUMBER

For existing ID number (include the lettered prefix): _____

2. I am updating the mailing address and/or contact information only.

3. I am inactivating this ID number.

4. I am reactivating this ID number.

5. I am changing the business name only, no ownership change.

6. Site/Facility/Business Name (include DBA): _____

7. Site Location: _____

Street _____

City _____ State _____ ZIP Code _____ County _____

8. a) Federal Employer ID Number: _____

b) CDTFA Account Number: _____

This is only required from generators of greater than 5 tons per calendar year.

9. Mailing Address: _____

Street _____

City _____ State _____ ZIP Code _____

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Permanent State ID Number Application

10. Site Contact Person: _____

First and Last Name _____

Contact Person's Address: _____

Street _____

City _____ State _____ ZIP Code _____

Contact Person's Phone Number: (_____) _____

Area Code Phone Number Extension

Fax Number: (_____) _____

Area Code Fax Number

Contact Person's Business Email Address: _____

11. Legal Business Owner (not property owner): _____

First and Last Name _____

Owner's Address: _____

Street _____

City _____ State _____ ZIP Code _____

Owner's Phone Number: (_____) _____

Area Code Phone Number Extension

Fax Number: (_____) _____

Area Code Fax Number

12. Standard Industrial Classification (SIC) Code for the Site (4-digit number): _____


13. Certification: I certify under penalty of law that the information on this document was prepared to the best of my knowledge and belief to be true, accurate and complete.

Signature (handwritten): _____ Date: _____

Name (print): _____ Title: _____ Phone: _____

STEP 2 INVENTORY

- Business name, address, EPA ID number
- Contact person (email and phone number)
- Hazardous waste Inventory and SDS
- Email form to vsqg@rivco.org
- Estimated cost within 3 business days

 **HAZARDOUS WASTE INVENTORY FORM
VERY SMALL QUANTITY GENERATOR (VSQG)
PROGRAM**

TODAY'S DATE: _____ TYPE OF BUSINESS: _____
BUSINESS NAME: _____ EPA ID#: _____
BUSINESS ADDRESS: _____
(Street) (City) (State) (Zip)
MAILING ADDRESS: _____
(if different from business address) (Street) (City) (State) (Zip)
CONTACT PERSON: _____ EMAIL: _____
TELEPHONE#: _____ FAX#: _____
(Please include area code)

DESCRIPTION OF WASTE (Attach SDS when possible)	HAZARDOUS CLASSIFICATION	PHYSICAL STATE	CONTAINER SIZE	NO. OF CONTAINERS	CONTAINER TYPE	VOLUME OF WASTE (lbs or gal)
Latex Paint, Oil Paint, Paint Thinner, Motor Oil, Pesticide, Acids, Bases, Chemical Name, Etc.	Flammable, Corrosive, Oxidizer, Reactive, Toxic	Solid, Liquid, Gas	Oz, Qts, Gal, Lbs, Lt, Pt, Etc.	Of each line item	Glass, Metal, Fiber, Plastic	Of each line item

AUTHORIZED REPRESENTATIVE: _____ DATE: _____
(Print Name & Job Title)

Once completed, email to VSQG@rivco.org or Fax to (951) 486-3205
For more information please call (951) 486-3200
Riverside County Department of Waste Resources HHW/VSQG – 14310 Frederick Street, Moreno Valley, CA 92553
WM 985 revised 8/21/18

STEP 3 PAYMENT OPTION

- Credit card
- Setup an account



STEP 4 DISPOSAL

- Setup an appointment
- Bill-of-lading
- Transport hazardous waste to designated facility
 - i. Jurupa Valley Area
 - ii. Palm Springs Area
- Confirmation



DISPOSAL COSTS

- Per pound pricing
- Labor to package the waste

Waste Type	Price (per pound)
Waste oils (motor oils, lubricants, etc.)	\$0.045
Oil filters	\$0.290
Waste coolants (antifreeze)	\$0.077
Fluorescent bulbs (various sizes)	\$0.389 - 2.239
PCB ballasts	\$1.332
Non-PCB ballasts	\$0.535
High BTU value flammable liquids (bulk)	\$0.458
High BTU value flammable liquids (containerized)	\$1.354
Miscellaneous flammable liquids (containerized)	\$7.885
Alkaline batteries (non-mercury)	\$0.980
Acids and acid compatibles	\$7.885
Bases and base compatibles	\$1.541
Toxics and poisons	\$1.813
Oxidizers and related products	\$2.272
Miscellaneous aerosols	\$1.486
Mercury devices and debris	\$7.415
Propane tanks	\$3.899
Non-RCRA liquids	\$1.267
Non-RCRA solids	\$1.267
Residential and commercial paint products	\$0.458
Automotive and related paint products	\$0.612
Miscellaneous organic peroxides	\$7.896
Water reactive products	\$7.896
Miscellaneous oxidizing pool chemicals	\$7.896

UNACCEPTABLE WASTE

- Out-of-county businesses
- Asbestos
- Ammunition, explosives, fireworks
- Radioactive wastes
- Commercial compressed gas cylinder
- Controlled substances and scheduled drugs
- Sharps
- Where can this go? Who do I call?

