



**Hazardous Waste Collection Facility**  
 3071 Highway 50  
 Grand Junction, CO 81501  
 Shop: (970)256-9543  
 Fax: (970)241-4520  
[mesacounty.us/swm](http://mesacounty.us/swm)

## **Hazardous, Universal and Electronic Waste Disposal for Very Small Quantity Generator Businesses**

Mission: To provide Mesa County residents with environmentally responsible and fiscally accessible waste disposal options.

Thank you for your interest in disposing of your hazardous, universal and electronic waste in a legal and environmentally sound manner through the Mesa County Hazardous Waste Collection Facility (HWCF) located at the Mesa County Solid Waste Campus. Federal and state regulations require that certain types of solid waste (ie: hazardous and universal wastes) to be disposed of through a qualified hazardous or universal waste disposal entity. *Additionally, Mesa County prohibits items such as industrial/chemical (non-food-grade) liquids, sharps/syringes, ammunition and fireworks from being disposed of in the landfill with regular trash.*

Improper disposal of hazardous and other regulated waste violates local policy, state and federal laws and can result in fines or jail time. These wastes may endanger aquatic plants, fish, or other wildlife habitats via storm drains and runoff. Public health concerns include contamination of soil, drinking water supply if hazardous chemicals are unable to be extracted during the treatment process, and air pollution.

The Mesa County Hazardous Waste Collection Facility is able to accept, process, and relay these regulated wastes for proper and legal disposal. The following are examples of some materials accepted:

· Aerosol Cans	· Garden Chemicals	· Used Motor Oil	· Automobile Products
· Antifreeze	· Used Gasoline/ Diesel Fuels	· Spa/ Pool Chemicals	· Ammunition
· Solvents	· Used Syringes and Sharps	· Road Flares	· Cleaning Products
· Class C Fireworks	· Paints (Latex and Oil Based)	· Batteries	· Light bulbs
· Electronics such as televisions, computers, gaming consoles, printers and copiers.		· Over-the-counter medications	

***The HWCF accepts hazardous and universal waste from businesses classified as Very Small Quantity Generators ONLY.***

Small, Large, and Very Large Quantity Generators must seek alternative disposal methods.

This packet contains information defining the various types of regulated wastes and how Mesa County VSQG businesses can participate in the Hazardous Waste Collection Facility's disposal program.

### **Wastes Prohibited in the Mesa County Landfill**

#### ***Hazardous and acute hazardous waste***

Federal and state regulations deem items that meet certain specifications for ignitability, corrosively, reactivity, and toxicity as hazardous or acute hazardous waste. Examples of each include: acetone and gasoline; muriatic acid and caustic soda; peroxides and nitrates; nicotine and insulin. For thorough definitions and additional examples consult the federal and state references:

<https://www.epa.gov/hw/defining-hazardous-waste-listed-characteristic-and-mixed-radiological-wastes>

<https://cdphe.colorado.gov/very-small-quantity-generator-waste-programs>

### ***Universal and electronic waste***

Federal and state regulations deem universal waste as items including batteries, certain pesticides, mercury-containing articles, light bulbs/lamps, and compressed gas cylinders such as aerosol cans. Electronic waste includes items such as televisions, stereos, computers, computer accessories, copy machines, and gaming consoles. For thorough definitions and additional examples consult the federal and state references:

<https://www.epa.gov/hw/universal-waste#a2>

[https://www.colorado.gov/pacific/sites/default/files/HM\\_hw-universal-waste-rule\\_0.pdf](https://www.colorado.gov/pacific/sites/default/files/HM_hw-universal-waste-rule_0.pdf)

<https://cdphe.colorado.gov/ewaste>

### ***Additional and special waste streams***

The Mesa County Landfill prohibits non-food-grade liquids (ie: paints, cleaners, motor oil), ammunition, and medical syringes from being disposed of in the trash. *These items must be disposed of via the Hazardous Waste Collection Facility or another qualified waste disposal company.*

Special waste items such as asbestos, medical/biohazard waste, tires, contaminated soil and sludge may be accepted in the landfill with approval from the Regulatory Compliance Manager. Please call (970)242-7467 or visit [www.mesacounty.us/swm](http://www.mesacounty.us/swm) for more information.

### **Determining Very Small Quantity Generator (VSQG) Status**

A VSQG is any business or commercial entity generating hazardous waste to which the following state and federal regulations apply. *Additionally, Mesa County classifies other income-generating ventures such as personal rental properties and certain home-based “hobby” activities as VSQGs subject to these policies for the purpose of maintaining smooth operations of the HWCF program.* For more information on the regulations refer to 6 CCR 1007-3 of the Colorado Department of Public Health and Environment (CDPHE) Hazardous Waste Regulations.

1. A Very Small Quantity Generator generates no more than 100 kilograms (about 220 pounds or approximately 25 gallons) of hazardous waste in a calendar month and is exempt from certain state and federal regulations, and notification requirements pertaining to hazardous waste disposal.
2. A generator is a VSQG in a calendar month if he/she generates no more than 1 kilogram, 2.2 pounds or approximately ¼ gallon of an acute hazardous waste in that month; therefore is exempt from certain state and federal regulations and notification requirements pertaining to hazardous waste disposal.
3. A generator is a VSQG if they never accumulate more than 1000 kilograms, 2,200 pounds, or 220 gallons of hazardous waste on-site at one time.
4. If the generator is a VSQG and generates more than three gallons of certain F-listed waste solvents or degreasers, they must notify the Colorado Department of Public Health and Environment to receive an EPA Identification Number. Note: F-Listed waste is a hazardous waste and counts toward your hazardous waste generation (220 pounds or approximately 25 gallons) in a calendar month. Call (303)692-3360 for information on obtaining an EPA Identification number.
5. If any generator mixes hazardous waste with any non-hazardous waste and that total waste exceeds the exclusion quantities then the whole mixture is consider hazardous waste and subject to full state and federal regulations.

More VSQG information can be found on CDPHE’s website:

<https://www.colorado.gov/pacific/cdphe/VSQG-waste-programs>

## **Utilizing the Mesa County Hazardous Waste Collection Facility VSQG Program**

Any business or income-generating venture in Mesa County that produces hazardous or otherwise regulated waste within the above mentioned quantities can be considered for inclusion in the Mesa County VSQG program. The Mesa County HWCF can assure proper disposal of hazardous waste which may reduce business liability and may provide information regarding waste reduction, identification, alternative disposal and recycling options to reduce cost.

### ***Registering as a VSQG***

If you believe you qualify as a VSQG as defined in this document contact the Mesa County HWCF at (970)256-9543 to verify your status and schedule an appointment for your hazardous waste disposal. Completion of the enclosed business registration form and waste inventory sheet may be required before an appointment is scheduled. At the time of the VSQG's appointment a HWCF employee will inspect the waste being delivered to verify the load with the VSQG's inventory sheet. Only pre-approved wastes may be accepted.

\*Business appointments are typically scheduled every Wednesday from 7:30 a.m.-12:30 p.m.\*

*Mesa County HWCF employees reserve the right to:*

- Refuse service to any business they deem ineligible for participation in the VSQG program.*
- Inspect the proposed waste streams and facilities of all applicants of the VSQG program and refuse acceptance of items outside the scope of service of the HWCF.*

### ***Transporting and disposing your VSQG waste at the HWCF***

Ensure all containers are in good condition, not leaking, and labeled. Unlabeled and unknown materials may be subject to testing for classification. Leaking containers should be placed inside a second container before transporting. Ensure that all wastes being transported together are compatible and **never mix waste streams together in the same container**. Mesa County is not responsible for any spillage or damage that may occur during transportation of your waste. Questions regarding transportation of waste materials and regulations should be directed to the Colorado Department of Transportation.

### ***Payment procedures***

The Mesa County VSQG program is a fee based program. VSQG's will be charged for their waste at the time of disposal. Fees are based on the assessed weight or count of each kind of waste stream (ie: acids, bases, flammable liquids, batteries, solid toxics, light bulbs). Additional fees may be incurred for classification testing of unlabeled/unknown items, and drum handling/disposal.

Payment may be made at the time of disposal with a certified check, business check, personal check, cash, or debit/credit card.

A business may request to open a charge account to obtain an invoice with a net 30 agreement. Approval or denial of such accounts is at the discretion of the HWCF Manager and the Solid Waste Campus Office Administrator. A late payment charge of 1 ½% per month (an annual percentage rate of 18%) will be added to all delinquent portions of any account for payments not received prior to 30 days from the date of the statement. The business is also responsible to pay all reasonable expenses incurred by Mesa County, including attorney's fees, if the account is placed in the hands of an attorney for collection or if it is collected through bankruptcy or other judicial proceedings.

Checks can be made out to Mesa County HWCF.

Mailing Address:

Mesa County Hazardous Waste Collection Facility  
PO Box 20,000 Dept. 5060  
Grand Junction, CO 81502

## Instructions for Completing the Waste Inventory Sheet

- Accurately describe each waste stream item. Describe the hazard of the waste item by providing the main active ingredient of the item in brackets, or provide Safety Data Sheets (SDS) if possible.
- Provide applicable RCRA coding/Listing.
- Indicate if a Universal Waste, if applicable.
- Indicate the physical state of the waste item. Example: liquid, solid, or gas.
- Indicate the gallons or estimated gallons or volume of each waste item.
- Indicate the number of containers for each waste stream.
- Include any miscellaneous information if applicable.
- Sign the waste inventory sheet stating that all the information therein is true to the best of your knowledge.
- **No wastes will be accepted without the completed business registration form and waste inventory sheet(s).**

Example of completed waste inventory sheet:

Waste description ( main active ingredient)	RCRA Code/ Listing	Bulbs Batteries Universal Waste	Physical state solid/ liquid/gas	# Gallons or ~volume	# of Containers	Misc Information
Latex Paint ( N/A)	NA	NA	L	1	10	
Fluorescent tubes (100 x 4 ft tubes)	NA	Yes		400 Ft	100 x 4 ft tubes	
Drain-O (sodium hydroxide)	D002	NA	L	1 Gallon	1	
Old Gas (gasoline)	D001	NA	L	5 Gallons	1	
Warfarin	P001	NA	S	100 grams	1	
Motor oil (petroleum product)	NA	NA	L	55 Gallon drum	1	

# Mesa County Electronic Waste Program

The Mesa County E-Waste Program accepts electronic waste (e-waste) from businesses and households for recycling. Many electronic products contain materials hazardous to the environment, such as lead, mercury, and cadmium and should be managed in a way that prevents the release of contaminants into the environment.

## *What is considered electronic waste?*

Electronic components that contain complex circuit boards, cathode ray tubes and metals are considered electronic waste. Examples include, but are not limited to:

- Television monitors
- Computer monitors
- CPUs
- Fax machines
- Printers/copiers/scanners
- Cell phones/PDA's
- Stereos and speakers
- VCR/DVD players
- Game consoles
- Peripherals (keyboards, mouse, etc.)

## *Who is required to recycle electronic waste?*

The State of Colorado requires that all businesses, industry, schools, government agencies, and consumers recycle their electronic waste or dispose of it as hazardous waste under the Universal Waste Rule (Colorado Hazardous Waste Regulations 6 CCR 1007-3 Part 273). Under the Universal Waste Rule, persons who generate or accumulate electronic wastes are considered universal waste "handlers". There are two categories of universal waste handlers:

*Small Quantity Handlers:* Does not accumulate more than 5,000 kilograms (11,000 lbs) of total universal waste at any one time. Small quantity handlers are not subject to notification requirements or record keeping.

*Large Quantity Handlers:* Accumulates more than 5,000 kilograms (11,000 lbs) of total universal waste at any time. Large quantity handlers are subject to notification requirements and record keeping.

Universal waste handlers are not the same as hazardous waste generators; therefore, the hazardous waste generation regulations do not apply for the disposal of electronic waste. The Mesa County HWC Facility may receive electronic waste from any business or agency regardless of its hazardous waste generator status.

The Mesa County HWC Facility charges a fee of **\$0.65/lb** for all electronic wastes received. For more information, or to schedule an appointment, please contact the HWC Facility at 256-9543.





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3071 Highway 50  
Grand Junction, CO 81501  
970.256.9543  
mesacountv.us/swm

## VSQG Business Waste Registration

**Hazardous Waste Disposal:** The Mesa County Hazardous Waste Collection Facility (HWCF) Very Small Quantity Generator (VSQG) program accepts hazardous wastes under the federal and State of Colorado regulations pertaining to VSQG's. A general overview of the VSQG regulation is as follows: a VSQG generates less than 100 kilograms (220 pounds) of hazardous waste per calendar month or less than 1 kilogram (2.2 pounds) of acute hazardous waste per calendar month. A generator must never accumulate more than 1000 kilograms (2,200 pounds) hazardous or 1 kilogram (2.2 pounds) acute hazardous waste on-site at one time. For more information contact the HWCF or the State of Colorado Department of Public Health and Environment at (303) 692-3320.

EPA hazardous waste regulations and codes can be found at: <https://essr.umd.edu/epa-hazardous-waste-codes>  
Colorado hazardous waste regulations and information can be found at: <https://www.colorado.gov/pacific/cdphe/hazwaste>

**Electronic Waste Disposal:** The Mesa County HWCF accepts electronic waste (e-waste) from businesses regardless of their hazardous waste generator status.

**To be completed by GENERATOR:** I certify that I have read the enclosed VSQG Program registration packet for Hazardous and Electronic Waste and that I meet the requirements for participation in the Mesa County HWCF VSQG program. I certify that I am a VSQG as defined by federal and State of Colorado regulations OR am only using the program for e-waste disposal. I understand that if any part of my waste stream is unacceptable under the Mesa County HWCF VSQG program I agree to follow all applicable state and federal regulations for the proper disposal of the waste. I assume full liability for my waste and hereby release Mesa County, its elected and appointed officials, employees, representatives and agents from any and all liability or claims pertaining to my waste. I certify that the following information is correct and current.

I acknowledge that a late payment charge of 1 ½% per month (an annual percentage rate of 18%) will be added to all delinquent portions of my account for payments not received prior to 30 days from the date of the statement. I also agree to pay all reasonable expenses incurred by us, including attorney's fees, if my account is placed in the hands of an attorney for collection or if it is collected through bankruptcy or other judicial proceedings. Initial \_\_\_\_\_

VSQG company name: \_\_\_\_\_

Physical address: \_\_\_\_\_

Billing address (if different): \_\_\_\_\_

Company phone number: \_\_\_\_\_ Secondary or FAX (circle which): \_\_\_\_\_

Contact person for waste disposal: \_\_\_\_\_ Phone: \_\_\_\_\_

Contact person for billing (if different): \_\_\_\_\_ email: \_\_\_\_\_

Authorized Representative (Print): \_\_\_\_\_ (Sign): \_\_\_\_\_ Date: \_\_\_\_\_

Check box if you are regulated for hazardous waste disposal and are only using facility for e-waste

EPA ID Number (if applicable): \_\_\_\_\_

**For Official Use Only (Mesa County)** Approved By: \_\_\_\_\_ Date: \_\_\_\_\_





**WASTE INVENTORY FORM**

Waste description ( main active ingredient)	RCRA Code/ Listing if applicable	Bulbs Batteries Universal	Physical State: Solid/ Liquid	Volume (Gal/oz)	# of Containers	Misc Information

VSQG Company Name: \_\_\_\_\_ Contact Person: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**For Official Use Only**  
**Mesa County HWCF - Approved by:** \_\_\_\_\_ **Date:** \_\_\_\_\_



# A guide for businesses using household hazardous waste facilities for disposal



**COLORADO**  
Hazardous Materials  
& Waste Management Division  
Department of Public Health & Environment

Businesses that are very small quantity generators (VSQGs) of hazardous waste are allowed to dispose of their hazardous waste at specific household hazardous waste (HHW) facilities. A list of HHW facilities authorized to accept hazardous waste from VSQGs is available at <https://www.colorado.gov/pacific/cdphe/VSQG-waste-programs>.

## Determining whether a waste is hazardous waste

Businesses that generate the following wastes must make a hazardous waste determination on each of these items:

- Aerosol cans.
- Antifreeze.
- Dental waste.
- E-cigarette waste.
- Electroplating waste.
- Flares.
- Mercury-containing bulbs.
- Motor oil.
- Oil-based paint.
- Shop rags.

This list is not exhaustive, and a hazardous waste determination must also be made on waste that may be ignitable, corrosive, reactive or toxic. Waste determined to be a hazardous waste, must be managed in compliance with Colorado's Hazardous Waste Regulations, 6 CCR 1007-3 (the regulations).

When making a hazardous waste determination, product labels and Safety Data Sheets (SDS) can assist businesses with this process because they typically provide information regarding the hazardous characteristics, if any, of the product. Especially helpful are the Globally Harmonized System's (GHS) pictograms displayed on product labels and SDS.

## Definition of a very small quantity generator (VSQG) of hazardous waste

Hazardous waste generators are divided into three different categories based on the amount of waste a facility generates in a calendar month. Pursuant to the regulations, VSQGs are businesses that generate no more than 100 kilograms (approximately 220 pounds) of non-acute hazardous waste and no more than 1 kilogram (approximately 2.2 pounds) of acute hazardous waste per calendar month. VSQGs must not accumulate more than 1,000 kilograms (approximately 2,200 pounds) of hazardous waste at any time and must ensure their hazardous waste is sent to a facility that is authorized to manage this waste, like an HHW facility.

HHW facilities may require VSQGs to select the appropriate waste codes to include on a hazardous waste shipping manifest. Waste codes indicate what waste is being shipped and the hazards associated with each. Information regarding how to select proper waste codes is provided below.

## Hazardous waste characteristics and selecting correct waste codes

The following is to be used as guidance only and should not be relied upon in lieu of the regulations. Not all regulatory requirements are included below.

If the waste in question falls into one or more of the following four categories below it is a hazardous waste:

1. Exhibits one or more of the four hazardous waste characteristics identified below and outlined in section 261, Subpart C of the regulations.
  - a. Ignitability
    - i. A liquid that has a flashpoint of less than 140°F (e.g. solvents, mineral spirits, and paints).
    - ii. Not a liquid, but capable under standard pressure and temperature of causing a fire (e.g. pyrophoric metals like sodium or phosphorous that react with air).
    - iii. Certain compressed gases (e.g. inorganic peroxides, nitrates, chlorates and permanganates). See section 261.21(a)(3) of the regulations.
    - iv. An oxidizer as defined by the U.S Department of Transportation.
  - b. Corrosivity
    - i. A liquid that has a pH of less than or equal to 2, or greater than or equal to 12.5 (e.g. rust removers, and battery acid).
    - ii. A liquid that corrodes steel at a rate greater than 0.25 inches per year within specific parameters (e.g. copper or ferric chloride used to etch metal). See section 261.22 of the regulations.
  - c. Reactivity
    - i. Unstable and readily undergoes violent change without detonating.
    - ii. Reacts violently with water.
    - iii. Forms potentially explosive mixtures with water.
    - iv. When mixed with water, generates toxic gases, vapors or fumes (e.g. acetic anhydride, potassium peroxide, phosphorous pentoxide, and sodium phosphide).
    - v. Is a cyanide or sulfide-bearing waste which when exposed to corrosive pH conditions (pH=<2 or >12.5) can generate toxic gases, vapors or fumes.
    - vi. Is capable of detonation or explosive reaction if subjected to a strong initiating source or if heated under confinement.
    - vii. Is readily capable of detonation or explosive decomposition or reaction at standard temperature and pressure.
    - viii. Is a forbidden explosive under 49 CFR section 173.54 or a Division 1.1, 1.2, or 1.3 explosive under 49 CFR sections 173.50 and 173.53
  - d. Toxicity
    - i. If the waste contains contaminants listed in Table 1 of section 261.24 of the regulations at a concentration equal to or greater than the value given in the table.
2. Is fatal to humans in low doses.
3. Contains any toxic constituents listed in Appendix VIII of section 261 of the regulations.
4. Is a listed hazardous waste in section 261.30, Subpart D, of the regulations.

## Compliance tips

- Make a hazardous waste determination regarding each waste generated. Every business is responsible for identifying their hazardous waste and managing it properly. As a best management practice, document all hazardous waste determinations.
- Knowing what products are on site and how they are used can help when making a hazardous waste determination.
- If additional help is needed, contact CDPHE's customer technical assistance line at (303) 692-3320 or reference additional guidance on our website at <https://www.colorado.gov/pacific/cdphe/hwguidance>.