

BUSINESS HAZARDOUS WASTE ASSISTANCE PROGRAM & EDUCATION (BHAPE)



www.larimer.org/solidwaste



CULTIVATING PARTNERSHIPS



SOLID WASTE DEPARTMENT

5887 S. Taft Hill Road
Fort Collins, Colorado 80526
(970) 498-5760
Fax: (970) 498-5780
Hazardous Waste: (970) 498-5773

Program Introduction

Dear Larimer County Business,

Thank you for your interest in the **Business Hazardous waste Program & Education (BHAPE)**. BHAPE offers qualified businesses and non-households an affordable and safe option for recycling or disposal of hazardous wastes. Our landfill is unlined; therefore, liquid waste is also banned from the landfill and can be disposed of safely through this program.

To use the program your business must:

- Operate and generate hazardous waste within Larimer County
- Fall under the classification of Very Small Quantity Generator (VSQG) as defined in the Colorado Hazardous Waste Regulations, 6 CCR 1007-3, Part 260, Section 260.10.
- Generate wastes approved through BHAPE.
- Set up an appointment with a Hazardous Waste Technician to deliver waste during business program hours.
- Package waste in containers 5 gallons or smaller. Containers larger than 5 gallons must be preapproved.
- Package waste in original containers with legible labeling or bring SDSs to accompany waste. Unknown waste is not accepted.

This packet contains Practical Waste Management tips, a guide to help you determine if you qualify as a VSQG, a resource list, and a cost sheet that outlines disposal fees for the BHAPE program.

Before bringing your waste to the facility, you will need to contact a Larimer County Hazardous Waste Technician by phone to assess your qualification for the program and assist you in becoming a BHAPE participant. Please have a detailed inventory of your waste available during the initial consultation so that Technicians can accurately discuss disposal with you. If we determine that you are bringing in waste which we do not normally deal with, SDSs or a statement of process knowledge (see Waste Management Tips) may be required. Some wastes, including unknown and acutely hazardous waste (see VSQG Determination Guide), may be better handled through different disposal options. We also offer businesses site visits. As a non-regulatory agency, we can provide on-site guidance on proper handling and disposal of waste. A technician can be reached at **(970) 498-5773**.

Safety is a priority at the Larimer County Household Hazardous Waste Facility. We encourage you to read the enclosed Practical Waste Management Tips. Larimer County reserves the right to refuse waste that is not properly segregated, packaged, labeled, or represented by your company.

Wednesdays are reserved for BHAPE business appointments and VSQG waste will not be accepted at other times. On the rare occasion that a business must dispose of waste during residential hours, an **Unscheduled Appointment Fee of \$50** will be added to the standard pricing. Payment is accepted in the form of cash, credit cards, (American Express is not accepted) or checks made payable to Larimer County Solid Waste at the time you drop off your waste. The Collection Facility is located at the Larimer County Landfill: 5887 S. Taft Hill Road Fort Collins, CO 80526.

Thank you,

Linda Hammett
Hazardous Waste Manager
Larimer County Solid Waste
(970) 498-5771



VSQG Determination Guide

Hazardous waste is waste that has been determined to pose a danger to human health and the environment. The Colorado Code of Regulations sets out rules about the proper storage and disposal of hazardous waste intended to minimize accidental release. In order to comply with those rules, it is important for non-household generators of hazardous waste to understand what and how much waste they generate and how to dispose of it properly. Waste generators are divided into categories based on the amount of hazardous waste generated each month, with each category subject to different regulations.

To dispose of hazardous waste through our program, your business or organization must fall into the Very Small Quantity Generator (VSQG) category. A VSQG is exempt from most state and federal hazardous waste disposal regulations if it ensures delivery of its waste to a facility that is permitted to receive it, such as ours. The following VSQG requirements are found in the Colorado Hazardous Waste Regulations (CHWR, Part 260-262,) or the Colorado Code of Regulations (6 CCR 1007-3, Section 260-262). The requirements found here are general. It is your responsibility to determine your generator status.

Copies of the Colorado Hazardous Waste Regulations can be found online on the Colorado Department of Public Health and Environment (CDPHE) website. If your business does not qualify as a VSQG and you have questions about managing your waste properly, you may contact CDPHE: (303) 692-3320.

A VSQG is a generator who:

1. Does not generate more than 100 kilograms [kg] (approx. 220 pounds) of hazardous waste in a calendar month.
2. Does not generate or have on site more than 1 kg (approx. 2.2 pounds) of acutely hazardous waste in one calendar month.
3. Never accumulates more than 1,000 kg (approx. 2,200 pounds) of hazardous waste on site.

Refer to 6 CCR 1007-3, Part 262, Section 262.14(a)(3) and 262.14(a)(4).

Wastes considered to be hazardous when determining generator category include:

1. All quantities of characteristic hazardous wastes that are accumulated on your property for any period before disposal or recycling.
2. All quantities of characteristic and listed hazardous wastes that are transported away from your business.
3. All quantities of characteristic and listed hazardous wastes that are placed directly in a regulated treatment or disposal container or tank at your facility.
4. All quantities of characteristic and listed hazardous wastes that are generated as still bottoms or sludges and removed from accumulation tanks or containers.

Refer to 6 CCR 1007-3, Part 261, Section 261.3 Subparts B, C and D.

Wastes not considered as hazardous waste when determining generator category include:

1. Wastes that are specifically exempted such as latex paint, motor oil, joint compound, and oil filters.
2. Universal wastes (6 CCR 1007-3, Part 273) such as batteries, mercury thermostats, aerosol cans, and fluorescent bulbs.



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3. Wastes that may be left in the bottom of containers that have been thoroughly emptied through the usual, customary, and conventional practices of your company such as pouring or pumping.
4. Wastes that have already been counted once during a previous calendar month or are treated on site or reclaimed in some manner and used again.

Refer to 6 CCR 1007-3, Part 262, Section 262.13 (c) and (d).

Terms and Definitions:

Acutely hazardous waste: Waste with a "P" code or some "F" codes. Refer to 6 CCR 1007-3 Part 261, Subpart D.

Characteristic waste: Waste that exhibits a hazardous characteristic of ignitability, corrosivity, toxicity, or reactivity. Refer to 6 CCR 1007-3, Part 261, Section 261.3 Subparts B and C, or find more information at www.epa.gov.

Listed waste: Considered hazardous in any quantity. Lists found in 6 CCR 1007-3, Part 261 Subpart D.

Universal waste: Hazardous waste that is broadly generated and has been exempted from some regulations to facilitate ease of disposal. Refer to 6 CCR 1007-3, Part 273.

The price list includes some examples of typical hazardous, non-hazardous, and universal waste.



Practical Waste Management Tips

Good Stewardship of Resources:

1. Often, the best way to dispose of chemicals is to use them up as they were originally intended to be used. Create an inventory list and determine what can be used up rather than disposed (e.g. pesticides, fertilizers, and leftover cleaners).
2. Some things do not need to be disposed of through our program:
 - Completely empty or dry and hard cans of latex paint can be thrown in the regular trash with lids removed.
 - Hardened silicone sealers and dried dry-wall mud and tile grout are regular trash.
 - Small amounts (often 5 gallons or less) of non-industrial architectural paint and stain may be accepted by other PaintCare partners for free. Go to paintcare.org for more information.

Identification:

1. Please make sure that each container is clearly marked with its contents and labels are legible. If labeling is not legible, or if you are bringing in an unfamiliar waste, SDSs are recommended.
2. If the waste material has been used as a part of a process through which it has been changed so that the SDS no longer accurately describes its contents, it is "spent waste" and a letter of process knowledge outlining how the waste was generated may be sufficient to identify the waste. Alternatively, a lab analysis may be necessary. If you think a letter of process knowledge could be needed, please contact us at (970) 498-5773.
3. Unknown wastes are not accepted into the BHAPE program. A generator is responsible for properly identifying all waste. Other vendors may be able to accept unknown waste or lab analysis may be necessary.

Transportation:

1. Properly package all waste prior to shipment in non-leaking containers 5 gallons or smaller. Containers larger than 5 gallons must be preapproved.
2. When transporting, separate incompatible materials such as acids and bases and secure the load to prevent shifting and spillage.
3. It is your responsibility to know and follow any regulations pertinent to the transportation of hazardous waste. You can contact the CDPHE Customer Technical Assistance Line with questions about transportation: (303) 692-3320. Note that the line is operated from 8-12, Monday - Friday.
4. You are responsible for any spillage and cleanup or damages that may occur during transport of your waste.

Remember: Certain wastes may not be accepted through our program; all waste is subject to approval.



Hazardous/Non-Hazardous Waste Resource List

The following list is provided as a measure of technical assistance to Larimer County businesses regarding the proper recycle/disposal of hazardous and non-hazardous waste. Included is a list of local laboratories that may be able to help with necessary analytical tasks, waste contractors (hazardous and non-hazardous), fluorescent bulb recyclers, used oil/antifreeze recyclers, and a list of regulatory contacts. The companies listed may not be the only source for these services. Resource website links may change. This document in no way or form constitutes endorsement or recommendation of these organizations on the part of Larimer County or its agents.

Laboratories

<i>ALS Environmental</i>	www.alsglobal.com	(970) 490-1511
<i>Technology Labs Inc.</i>	www.techlabusa.com	(970) 490-1414
<i>Stewart Environmental Consultants</i>		(970) 226-5500

Hazardous Waste Disposal Companies

<i>ACTenviro</i>	www.actenviro.com	(505) 445-9400
<i>Clean Harbors Environmental</i>	www.cleanharbors.com	(303) 371-1100
<i>Veolia Environmental Services</i>	www.veolianorthamerica.com	(303) 289-4827

Industrial Waste Disposal Companies

<i>Waste Management</i>	www.wmsolutions.com	(800) 963-4776
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Medical Waste Disposal Companies

<i>Safety-Kleen</i>	www.safety-kleen.com	(303) 761-8614
<i>Medical Systems of Denver</i>	www.msdisafetycare.com	(303) 772-7971
<i>Stericycle</i>	www.stericycle.com	(800) 643-0240

Battery Recycling

<i>Call 2 Recycle (Rechargeable Battery)</i>	www.call2recycle.org	(877) 723-1297
<i>Batteries Plus (Rechargeable Battery)</i>	www.batteriesplus.com	(970) 206-0206
<i>Interstate Batteries (Car Battery)</i>	www.interstatebatteries.com	(970) 484-1307
<i>Rocky Mountain Battery Recycling (Car Battery)</i>	www.rmbrecycling.com	(970) 484-5384

Paint Disposal

<i>PaintCare</i>	www.paintcare.org/paintcare-states/colorado/	
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Used Oil and Antifreeze Companies

<i>Safety-Kleen</i>	www.safety-kleen.com	(303) 761-8614
<i>Thermo Fluids</i>	www.thermofluids.com	(303) 393-1118
<i>Mesa Oil</i>	www.mesaoil.com	(800) 873-3645
<i>Tri State Oil</i>		(307) 635-5332



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Fluorescent Lamp/Mercury Containing Devices Recyclers

<i>WM Lamp Tracker</i>	www.wmlamptracker.com/	(800) 664-1434
<i>Cleanlites Recycling</i>	www.cleanlites.com/lamp-recycling	(800) 778-6645
<i>Air Cycle Corporation</i>	www.aircycle.com	(800) 909-9709
<i>Region 8 Enviro, LLC</i>	www.r8enviro.com/services/mercury-lamp	(303) 424-4887
<i>LampMaster</i>	www.lampmaster.com/	(888) 470-4835

Other Waste Streams

<i>I.T. Refresh (Electronics)</i>	www.itrefresh.org	(970) 797-2934
<i>Waste Management (Electronics)</i>	www.larimer.org/solidwaste/recycling/electronics	(970) 226-1101
<i>Aspen Oil (Cooking Oil)</i>	www.aspenoilrecycling.com/	(303) 886-7091
<i>Curie Environmental Services (Smoke Alarms)</i>	www.curieservices.com	(505) 888-9392
<i>Blue Rhino (Propane Tanks)</i>	www.bluerhino.com	(800) 258-7466
<i>Denver Propane Exchange (Propane Tanks)</i>	www.ForkliftPropane.com	(303) 659-3023
<i>General Air (Other Gas Cylinders)</i>	www.GeneralAir.com	(970) 472-9710
<i>Office Depot (Ink Cartridges)</i>	www.officedepot.com	(800) 463-3768
<i>Environmental Office Solutions of Colorado (Ink Cartridges)</i>	www.eosusa.com	(888) 367-3076

Hazardous Waste Regulation and Transportation Questions

COUNTY

<i>Larimer County Dept. of Solid Waste</i>	www.larimer.org/solidwaste	(970) 498-5760
<i>Larimer County Dept. of Health and Environment</i>	www.larimer.org/health	(970) 498-6775

STATE

<i>Colorado Dept. of Transportation</i>	www.codot.gov	(303) 757-9011
<i>Colorado Dept. of Public Health and Environment (CDPHE)</i>	www.colorado.gov/cdphe	(303) 692-3320
<i>Colorado State Patrol</i>	www.colorado.gov/csp	(303) 273-1900

FEDERAL

<i>EPA Region 8</i>	www.epa.gov/region8	(800) 227-8917
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BHAPE PaintCare Information

Larimer County Solid Waste has a contract with PaintCare on the proper processing and recycling of unwanted paint. PaintCare is a non-profit product stewardship organization that works to make paint recycling of unwanted paint more convenient for states that have paint stewardship laws. With this partnership, Larimer County Solid Waste HHW now has an administrative processing paint fee for businesses that need to dispose of paint and are qualified for the BHAPE program.

Larimer County's administrative processing fee on business paint and paint related products is \$0.25 per gallon based on container size, or the \$10 minimum fee, whichever is greater. Acceptable PaintCare products include latex paint, oil-based paint, and stains. See below for what products are and are not accepted within the PaintCare Program. Businesses must note that oil-based paint and stains are considered hazardous which means that having 18 to 20 gallons of this paint may be over the 220 pound per month limit to qualify for Very Small Quantity Generator (VSQG). Also note, products that are not accepted within the PaintCare program do not qualify for the PaintCare administrative processing fee. However, these products are accepted from qualifying businesses through the BHAPE program at our current standard pricing. See BHAPE Disposal Fees for appropriate pricing of other types of waste outside of the PaintCare Program.

For more information on PaintCare, please visit <http://www.paintcare.org/paintcare-states/colorado/>

Accepted within PaintCare Program	Not Accepted within PaintCare Program
Latex Paint (Interior & Exterior)	Paint Thinners
Alkyd Paint	Mineral Spirits
Oil-Based Paint	Solvents
Deck Coatings	Aerosol Spray Cans
Floor Paints	Art / Craft Paint
Primers	Caulk
Sealers	Epoxies
Concrete Sealers	Glues
Masonry Sealers	Adhesives
Wood Sealers	Paint Additives
Undercoats	Paint Colorants
Stains	Paint Tints
Shellacs (single component)	Paint Resins
Lacquers (single component)	Wood Preservatives with Pesticides
Varnishes (single component)	Roof Patches
Urethanes (single component)	Asphalt Products
Metal Coatings	Tar Products
Rust Preventatives	Bitumen Based Products
Lawn Paint	2 Component Coatings
	Deck Cleaners
	Road Marking Paints
	Industrial Maintenance Coatings
	OEM Paints
	Automotive Paints
	Grout Sealers



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Business Hazardous Waste Assistance Program & Education (BHAPE) Disposal Fees for Typical Waste Streams

<i>Waste Categories</i>	<i>Examples</i>	<i>Charge</i>
Hazardous Waste:		Per Pound
Acid	Hydrochloric, Muriatic, Sulfuric	\$2.80
Base	Sodium Hydroxide, Drain Cleaners	\$2.80
Flammable Liquid	Thinner, Gasoline, Solvents	\$0.93
Hardeners	Benzoyl Peroxide, MEKP	\$10/ tube
Mercury/Mercury Debris	MUST BE PREAPPROVED	CALL FOR APPROVAL
Oxidizers (5 Gallon Containers)	Pool Chemicals	\$4.77
Paint Related Materials (Boxed)	Adhesives, Industrial Paint, etc.	\$2.46
Poisons/Pesticides	Pesticides, Herbicides	\$2.46
PCB Ballast		\$1.29
Lab Packs	Amines, Cyanides, Dioxin, Hydrogen Peroxide, Mercury Compounds, Oxidizers (Less than 5 gallons), Water Reactive Chemicals, etc.	\$160 Minimum Lab Pack Fee. Call for Exact Pricing.
Universal Waste:		
Aerosols		\$2.89/ lb.
Alkaline, Rechargeable Batteries		\$1.09/ lb.
CFLs		\$1.10 Each
Lithium Batteries		\$6.90/ lb.
Mercury Containing Lamps	Fluorescent Lights	\$0.18/ ft.
Metal Halides	Sodium-Vapor Lamps	\$2.00 Each
Non-Hazardous Waste:		Per Pound
Antifreeze, Used Automotive Oil, Oil Filters		\$0.20
Non-PCB Ballast		\$0.20
Other Non-Hazardous	Paint Wash, Water-Based Adhesives	\$0.75
Administrative/Handling Fee		
PaintCare	Latex paint, Oil-Based paint, & Stain	\$0.25 per gallon (based on container size)
Automotive Batteries, Fire Extinguishers, Propane Tanks, etc.		\$1 handling fee per item
Minimum Fee	If disposal fee totals less than \$10, minimum fee may apply	\$12

The following materials are unacceptable for disposal through the BHAPE program.

- Asbestos Material (call (970) 498-5771 for disposal information).
- Explosives - Shock sensitive materials such as dynamite, ammunition, picric acid, etc..
- Pathological wastes and medicines - infectious waste, medical waste, pharmaceuticals, etc..
- Known PCB waste
- Radioactive waste - includes smoke detectors.
- Temperature controlled waste
- Most Acutely Toxic Substances

Larimer County reserves the right to refuse any material that is unacceptable by the managing site staff.

Prices Subject to Change Without Notice