**Guidelines for Project-Generated Hazardous Wastes**

**Section 1: Introduction and Purpose**

All demolition material removed from University of Colorado at Boulder (university) property by an outside contractor (contractor) during university projects must be evaluated to determine if it needs to be managed as a Hazardous Waste (HW). This evaluation must be completed **before** demolition begins. The Environmental Health and Safety Department (EH&S) needs to be involved or informed of this evaluation, and must receive copies of any relevant sampling activity logs and analytical results.

Materials determined to be a HW must be stored, transported, and disposed of in accordance with all applicable federal and state regulations (i.e. RCRA, OSHA, DOT, and specifically the Colorado Hazardous Waste Regulations 6 CCR 1007-3). These HW materials must be sent to an EPA-permitted hazardous waste disposal facility for disposal.

**Section 2: Collection**

All HW collected must be stored in a manner that prevents accidental releases to the environment. HW must be stored on campus only in UN-rated or DOT approved containers that are compatible with the wastes generated for each project (drums, boxes, roll-offs, etc.). Good industrial hygiene practices, including wearing proper personal protective equipment (PPE) appropriate for the task, should be followed during the handling of HW to prevent possible exposures or injuries as appropriate. HW must be handled and managed using controls that will eliminate spills and/or releases; if clean-up materials are generated, they must also be properly disposed as a hazardous waste.

* **Section 2a: Container Requirements**
	+ HW must be stored in UN-rated or DOT approved containers that are:
		- In good condition and not leaking
		- Kept closed, except when waste is being added or removed
		- Marked with the words “HAZARDOUS WASTE”
		- Marked with the accumulation start date (the date any amount of waste was first placed into the container)
		- Stored in a manner to prevent rupture or leakage
		- Incompatible wastes must be separated by a dike, berm, or wall
		- Placed in such a way to allow unobstructed access (aisle space ~24”) for inspection and access for emergency response personnel

**Section 3: Storage**

A designated “90-day Storage Area” (storage area) will be selected for storage of the containers holding HW until they can be shipped to a disposal facility. This storage area should be located in the nearest vicinity reasonably possible to the area where the waste is generated and must be located in the same contiguous boundaries of the campus from which the wastes are generated.

* **Section 3a: 90-day Storage Area Requirements**
	+ The storage area must be:
		- Properly labeled (see attached sign for use/reference)
		- Inspected on a weekly basis for signs of leaks or deterioration of containers (complete the weekly inspection log – attached)
		- Secured from unauthorized persons
		- Able to provide protection from the elements for containers that are susceptible to weather (e.g. cardboard or fiber drums/boxes, or containers holding liquids susceptible to freezing)
		- Emptied of HW at least every 90 days (HW cannot be stored any longer than 90 days before being shipped off-site for disposal)

**Section 4: Transportation and Disposal**

Transportation of HW must be performed by a DOT and EPA permitted hazardous materials/waste transporter. HW must be disposed of at a properly permitted EPA hazardous waste treatment storage and disposal facility (TSDF). All disposal arrangements, costs, and providing materials for proper management and disposal of HW are the responsibility of the contractor.

* **Section 4a: Related Paperwork and Signatures**
	+ Copies of all documentation regarding HW disposal – i.e. waste profiles, hazardous waste manifests, land disposal restrictions (LDR) - must be provided to Environmental Health & Safety (EH&S).
	+ Unless specific approval is given from EH&S, all HW manifests and LDRs must be reviewed and signed for by a member of EH&S. For lead abatement project wastes, coordinate the review and signature of manifests and LDRs with the Asbestos and Lead Program Manager (303.492.6026, timothy.lockhart@colorado.edu). For all other project-related hazardous wastes contact the Hazardous Materials Program Manager (303.492.6390, chris.quattrociocchi@colorado.edu).
* **Section 4b: Manifesting**
	+ All HW generated at a CU facility must list the following address as the “Generator’s Name and Mailing Address on each manifest for disposal:
		- University of Colorado at Boulder

1000 Regent Drive / 413 UCB

Boulder, CO 80309

* Please refer to Section 5 for the EPA ID Numbers and specific generator address.

**Section 5: Facility EPA ID’s and Addresses**

UCB – Main Campus TSDF (name/mail)

COD007431505 – LQG

University of Colorado

1000 Regent Drive, 413 UCB

Boulder, CO 80309

303.492.7845

24-hour Emergency Contact: 303.492.6666

UCB – East Campus (name/mail)

COD980716989 – LQG

University of Colorado

1000 Regent Drive, 413 UCB

Boulder, CO 80309-0413

303.492.7845

24-hour Emergency Contact: 303.492.6666

UCB – Mountain Research Station (name/mail)

COD980716922 – CESQG

University of Colorado

1000 Regent Drive, 413 UCB

Boulder, CO 80309-0413

303.492.7845

24-hour Emergency Contact: 303.492.6666

UCB – Distribution Center (name/mail)

COD980807051 – LQH, CESQG

(old #COD980716864)

University of Colorado

1000 Regent Drive, 413 UCB

Boulder, CO 80309-0413

303.492.7845

24-hour Emergency Contact: 303.492.6666

UCB – Main Campus TSDF (site address)

Boulder – Main Campus

Site address same as mailing address

UCB – East Campus (site address)

Boulder - East Campus

30th Ave. and Marine St.

Boulder, CO 80309

UCB – Mountain Research Station (site address)

Boulder – Mountain Research Center

818 County Road 116

Nederland, CO 80466

UCB – Distribution Center (site address)

Boulder – Distribution Center

3300 Walnut Street

Boulder, CO 80301

UCB – Williams Village (name/mailing address)

CESQG

University of Colorado

1000 Regent Drive, 413 UCB

Boulder, CO 80309-0413

303.492.7845

24-hour Emergency Contact: 303.492.6666

UCB – CINC Building (name/mailing address)

CESQG

University of Colorado

1000 Regent Drive, 413 UCB

Boulder, CO 80309-0413

303.492.7845

24-hour Emergency Contact: 303.492.6666

UCB – Williams Village (site address)

Boulder – Williams Village

500 30th Street

Boulder, CO 80309

UCB – CINC Building (site address)

Boulder – CINC Building

1777 Exposition Drive

Boulder, CO 80309

**Hazardous Waste**

**Storage Area**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Check for Leaks and Spills**

**Keep Closed**

**90 Day Limit**

**Unauthorized Personnel Keep Out**

**Contact Information**

Name:

Phone:

Company:

Project #:

**Weekly Container Inspection Log Sheet (LQG)**

**Month \_\_\_\_\_\_\_\_\_\_\_\_ Year \_\_\_\_\_\_**

**Record any problems noted; document how they were corrected and the date of correction. Attach extra sheet if necessary.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Week**  | **1**  | **2**  | **3**  | **4**  | **Comments**  |
| Labeled “Hazardous Waste” |  |  |  |  |  |
| Accumulation Start Date Marked |  |  |  |  |  |
| Start Date <90 Days Ago  |  |  |  |  |  |
| Good Condition/Not Leaking |  |  |  |  |  |
| Kept Closed |  |  |  |  |  |
| Stored to Prevent Rupture/Leakage  |  |  |  |  |  |
| Waste Compatible With Container  |  |  |  |  |  |
| Incompatible Wastes Separated |  |  |  |  |  |
| Adequate Aisle Space  |  |  |  |  |  |
| **Your Initials** |  |