

The Division of Research Safety (DRS) operates a focused collection program for solvent and oil disposal at the Department of Chemistry in Roger Adams Laboratory (RAL) and in Chemical and Life Science Laboratory A–Wing (CLSL-A). The jerrican pickup program is designed for laboratories that generate more than one jerrican of solvent or oil waste every two weeks. Use the ChemTrak chemical waste pickup forms (CWM-TRK-01 thru CWM-TRK-03 forms) for other waste streams. Under this program, jerricans will be collected from RAL and CLSL-A laboratories on Tuesdays and Fridays. Empty jerricans in good condition will be returned the next business day.

Call 217-333-2755 or email cws@illinois.edu if you have questions.

Procedures for the Program:

1. Mark jerricans used for this program with a unique number and location of use. The numbers are used to match containers with the correct CWM-TRK-05 forms. These numbers are usually placed on blue or green luggage tags. For example, John Doe's lab might tag its jerricans as: JD-1, JD-2, JD-3, along with the room number, 123 RAL.
2. Use a separate copy of the [CWM-TRK-05](#) form for each jerrican. See the [CWM-TRK-05](#) form for additional program instructions. Each time waste is added to a jerrican, make a record on the corresponding CWM-TRK-05 form. Because many chemicals are added multiple times, list each chemical name once and record each addition in the "Approximate Amounts Added" field. The chemical names do not need to be in any particular order on the form, but chemicals that make up 1% or more of the jerrican volume must be recorded.
3. Drop off CWM-TRK-05 forms in the drop box located in the RAL nitrogen room. The deadline is Monday at 10 a.m. for Tuesday pickup and Thursday at 10 a.m. for Friday pickup.
4. **Collect only oil, non-halogenated, and halogenated solvents in jerricans.** Absolutely **NO** heavy metals (As, Ba, Cd, Cr, Pb, Hg, Se, Ag), extremely toxic chemicals, or basic wastes (pH \geq 12.5) may be added. Aqueous acidic waste (e.g., hydrochloric acid, sulfuric acid) should be collected separately. All of these wastes should be processed through the standard ChemTrak chemical waste pickup forms (CWM-TRK-01 thru CWM-TRK-03 forms).
5. DRS will return empty jerricans to the laboratories the following business day. Write the room number on each jerrican.

Points to Note:

- The person generating waste must identify the waste in each container.
- This is critical for university compliance with EPA regulations and the safety of DRS personnel.
- Anyone who generates chemical waste should be trained in chemical management for laboratories. See the [Safety Training Checklist](#) to determine what safety training you need.
- Do not put more than 10 liters of waste in a jerrican. Ten-liter jerricans are preferred. If a 20-liter jerrican is used, fill it only halfway.
- If visual inspection indicates that the contents of the jerrican do not match what is listed, the DRS will refuse to accept it. It will also refuse cracked, damaged, or overfilled jerricans.
- If a problem arises with waste in a jerrican (e.g., it reacts when poured into a waste drum; it is malodorous), the jerrican will have to be lab-packed for disposal and will not be returned. The most common reason for this is improper identification of the chemicals in the jerrican on the CWM-TRK-05 form.
- No jerrican will be collected unless a CWM-TRK-05 form has been submitted.
- Know what to do if something should cause a rupture, leak, or other emergency while using a jerrican. Accidents DO happen. If you are prepared, you can minimize the resulting injury and/or damage.
- CWM-TRK-05 forms and instructions are available [here](#).