

Contractor Instructions to collect Debris and Take it to the Laboratory.
Recommended Laboratory

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You will need a few supplies.

A Respirator with P100 Cartridges – Home Depot (Purple Cartridges.)

Gloves Throw away Gloves – Home Depot or Thrifty Drug Store (Drug store Exam Gloves

Home Depot Painters gloves Usually in a box of about 100 gloves)

Some [Glad containers](#) and a [ZIP Lock Baggies](#) that the glad container will fit into. (Any Supermarket)

Plastic Spoon from the Neighborhood Roach Coach, or buy a box of them when you get the glad bags and containers at the supermarket.

[Chain of Custody Form \(COC\) from the web](#)

Ask the landfill what tests they need to have for the Waste Characterization.

Now you are ready to collect the correct number of samples from the Drums or soil that you have.

This information is in the Specials and can change, so read the specials. Hint open the pdf and search for “toxic” or just the word “Hazardous”

Usually the instructions go like this:

This is for Yellow stripe --ADL soils have similar, but less stringent requirements--GO TO THE SPECIALS FOR INSTRUCTIONS ABOUT TESTING.

Store hazardous waste residue in labeled and covered containers. Labels must comply with the provisions of 22 CA

Code of Regs §§66262.31 and 66262.32. Mark labels with:

1. Date the hazardous waste is generated
2. The words "Hazardous Waste"
3. Composition and physical state of the hazardous waste (for example, asphalt grindings with thermoplastic or paint)
4. The word "Toxic"

5. Name, address, and telephone no. of the Engineer

6. Contract no.

7. Contractor or subcontractor name

Use metal containers approved by the U.S. Department of Transportation for the transportation and temporary storage

of the removed residue. Handle the containers such that no spillage occurs. Store containers in a secured enclosure.

Acceptable secure enclosures include a locked chain link fenced area or a lockable shipping container located within the project limits until disposal as approved.

Make necessary arrangements to test the yellow thermoplastic hazardous waste residue as required by the disposal facility and these special provisions. Testing must include, at a minimum:

1. Total lead by EPA Method 6010C

2. Total chromium by US EPA Method 7000 series

3. Soluble lead by California Waste Extraction Test

4. Soluble chromium by California Waste Extraction Test

5. Soluble lead by Toxicity Characteristic Leaching Procedure

6. Soluble chromium by Toxicity Characteristic Leaching Procedure

From the 1st 220 gallons of hazardous waste or portion thereof if less than 220 gallons of hazardous waste are produced, a minimum of 4 randomly selected samples must be taken and analyzed individually. Samples must not be composite. From each additional 880 gallons of hazardous waste or portion thereof if less than 880 gallons are produced, a minimum of 1 additional random sample must be taken and analyzed. Use chain of custody procedures consistent with Chapter 9 of U.S. EPA Test Methods for Evaluating Solid Waste, Physical/Chemical Methods (SW- 846) while transporting samples from the project to the laboratory. Each sample must be homogenized before analysis by the laboratory performing the analyses. A sample aliquot sufficient to cover the amount necessary for the total and the soluble analyses must then be taken. This aliquot must be homogenized a 2nd time and the total and soluble analyses run on this aliquot. The homogenization process must not include grinding of the samples. Submit the name and location of the disposal facility that will be accepting the hazardous waste and the analytical laboratory along with the testing requirements not less than 5 business days before the start of removal of yellow thermoplastic traffic stripe. The analytical laboratory must be certified by the CA Department of Public Health Environmental Laboratory Accreditation Program for all analyses to be performed. After the Engineer accepts the analytical test results, dispose of yellow thermoplastic hazardous waste residue at a Class 1 disposal facility located in CA under the requirements of the disposal facility operator within 30 days after accumulating 220 pounds of residue and dust. If less than 220 pounds of hazardous waste residue and dust is generated in total, it must be disposed of within 30 days after the start of accumulation of the residue and dust. Use a hazardous waste manifest and a transporter registered with the CA Department of Toxic Substance Control. The Engineer will obtain the U.S. EPA ID no. and will sign all manifests as the generator within 2 business days of receiving and accepting the analytical test results and receiving your request for the U.S. EPA ID no. If analytical test results demonstrate that the residue is a non-hazardous waste and the Engineer agrees, dispose of the residue at an appropriately permitted Class II or Class III facility under Section 7-1.13, "Disposal of Material Outside the Highway Right of Way," of the Standard

Specifications.

Put on your respirator and go into the area where the drums are. *

So you collect 4 random samples of debris put each one in one of those small glad containers (About ½ cup of swill) tape the tops on for safety and put each one in a zip lock plastic bag. Use a plastic spoon you grabbed from the roach coach, leave the spoon in the drum. Then transport to the your samples to the lab. Fill in the chain of custody with the numbers that you put on each container (You did number the CONTAINERS didn't YOU) Put the contract number and a dash then numbers for example 07-123454-1, 07-123454-2 etc. Put the required analysis on the chain of custody (COC) and send it to the lab.

Throw the gloves you wore into the waste material container along with the plastic spoon, and close the drums. If you have any questions call either me or the lab, remember to “shut the full cup up”. Wash your hands and face, be a good boy do well check before you send this stuff to the lab. Fedex and UPS will ship hazardous material, but the USPS will not. You can use your pickup truck to get to the LAB. Most likely the best plan. Far away from Los Angeles, use FEDEX or UPS.

Do not smoke eat or otherwise get this debris all over the place. Use reasonable care and do not spill or throw this stuff around.

* Your Company has a respirator Program and you HAVE done everything to satisfy the [CAL OSHA requirements](#), or do not do this!

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