Pollutants of Concern:
- Hazardous Waste

<table>
<thead>
<tr>
<th>Purpose:</th>
<th>To prevent or reduce the discharge of hazardous waste into the storm water conveyance system during waste handling and storage</th>
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<tbody>
<tr>
<td>Application:</td>
<td>Hazardous waste management and storage areas</td>
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<td>Practices:</td>
<td><strong>Examples of Hazardous Waste</strong></td>
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<td></td>
<td>Used oil, used solvents, oily rags, expired chemicals, metal dust/powder/grindings, and spray cans that still have propellant or product in them. Scrap metal (shavings, turnings, and debris) that cannot be recycled must also be managed as a hazardous waste.</td>
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<td></td>
<td><strong>DO NOT PUT METAL WASTE IN THE TRASH</strong></td>
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<td><strong>Labeling</strong></td>
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<td>1. Label all containers of hazardous waste stored on-site with the 90-day accumulation label. Use the online tag program to generate a label: <a href="http://blink.ucsd.edu/go/wastetag">http://blink.ucsd.edu/go/wastetag</a></td>
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<td>2. The hazardous waste container must be labeled as soon as the first drop of waste is put in the container. The following information must be included on the label and is included in the online tag program:</td>
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<td>- Contents, composition, and physical state of the waste (use “used metal powder, dust, &amp; grindings” as the chemical name for metal waste that can’t be recycled)</td>
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<td>- Hazardous properties of the waste (e.g., toxic, reactive, ignitable, or corrosive)</td>
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<td>- Accumulation Start Date (the date the waste is first placed in the container)</td>
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<td>- Name of the hazardous waste generator</td>
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<td>3. Labels must be visible for inspection on each container.</td>
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<td>4. EH&amp;S can provide assistance with hazardous waste labeling questions or if there are products that cannot be identified: <strong>(858) 534-2753</strong> or <a href="mailto:hazwaste@ucsd.edu">hazwaste@ucsd.edu</a>.</td>
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Practices (continued):

**Storage**
1. Hazardous waste containers must be in good condition and not leaking.
2. Containers must be kept closed except when adding or removing hazardous waste.
3. Store hazardous wastes in areas not susceptible to rain, and provide secondary containment in case of leaks or spills.
4. Locate hazardous waste storage and handling areas away from storm drains, storm water conveyance systems, and waterways.
5. Do NOT store more than 55-gallons of any hazardous waste or 1 quart of extremely hazardous waste.
6. Do NOT store hazardous waste for more than 90 days.
7. The storage of toxic, corrosive, reactive, or ignitable wastes shall comply with local and state fire codes.
8. Leaks in primary or secondary containment must be repaired immediately.
9. Store and maintain appropriate spill cleanup materials.
10. Keep hazardous waste storage areas clean!

**Material Compatibility**
1. Ensure each container is compatible with its contents (e.g., a corrosive waste such as acid should be stored in a plastic container not metal).
2. Mixed wastes within a container shall be compatible with each other.
3. Incompatible hazardous wastes must be separated by a dike, berm, wall, or secondary containment device.

**Secondary Containment**
1. Visually inspect secondary containment systems for cracks, leaks, open drain valves. Drain valves must be kept closed and leaks must be repaired immediately.
2. If rain water accumulates inside secondary containment, inspect water before draining/pumping it out. Rainwater that is contaminated must be pumped into a container, labeled, and disposed of through EH&S. Use the online tag program to create the hazardous waste label for the container: [http://blink.ucsd.edu/go/wastetag](http://blink.ucsd.edu/go/wastetag).
### Practices (continued):

#### Waste Movement and Handling

1. Prior to transporting waste onsite, check caps, lids, bungs, etc., to make sure containers are closed and leak proof.
2. Waste containers being transported on the same pallet should be compatible with one another.
3. Keep loads to a reasonable size during movement onsite.
4. Secure drums transported with a forklift to prevent the drum from falling off.
5. Avoid moving wastes outside during wet weather.

#### Training

1. Train employees on storm water pollution prevention measures
2. Employees that generate hazardous waste must receive hazardous waste management training on an annual basis.
3. Train employees on proper spill containment and cleanup. Make sure employees know where spill response equipment is located and how to use it.
4. EH&S provides annual training on hazardous waste management, storm water pollution prevention, and spill prevention, control, and countermeasures (see Training below).

#### Spill Prevention and Response

1. Store and maintain appropriate spill cleanup materials in a location known to all personnel and near the waste storage areas.
2. Schedule EH&S waste collections frequently to minimize quantity of stored waste
3. Review **BMP A02 – Spill Control and Cleanup** for additional guidance

### Frequency & Maintenance:

1. Inspect hazardous waste storage areas and containers on a weekly basis to ensure the containers are properly labeled, closed, and secure and are not leaking or deteriorated. Replace leaking or damaged containers or secondary containment as needed.
2. Inspect spill cleanup materials on a regular basis and replace supplies as needed.

### Training:

Maintenance, shops, trades, and theater staff that perform outdoor work activities that could contribute pollutants to the campus storm water system must take the **“Annual Shop & Studio Environmental Compliance & Hazard Awareness Training”** which includes storm water pollution prevention; spill prevention, control, and cleanup; SDSs; and hazardous materials and waste management.
### BMP C03: Hazardous Waste Management

**Additional Information:**

- UC San Diego’s Storm Water Management Program: [http://stormwater.ucsd.edu](http://stormwater.ucsd.edu)
- Refer to BMP-A01 for housekeeping procedures
- Refer to BMP-A02 for spill prevention, control, and cleanup procedures
- Refer to BMP-C05 to prevent metal tracking
- UC San Diego’s Hazardous Waste Program: [http://blink.ucsd.edu/go/menu/hazwaste](http://blink.ucsd.edu/go/menu/hazwaste)
- UC San Diego’s “Scrap Metal Recycling” guidance on Blink: [https://blink.ucsd.edu/go/scrapmetal](https://blink.ucsd.edu/go/scrapmetal)
- The Environmental Management Facility (EMF) can provide assistance with hazardous waste management questions: **(858) 534-2753** or [hazwaste@ucsd.edu](mailto:hazwaste@ucsd.edu)