

**Accumulation of Dangerous Chemical Waste****CONTROL**

Accumulation of dangerous chemical waste is governed by local, state, and federal regulations.

**Related Procedures and Guidelines**

See *SPPM* 5.66 for procedures concerning reporting chemical waste for collection.

For chemical identification guidelines, refer to the Environmental Health and Safety (EH&S) website at:

[ehs.wsu.edu/](http://ehs.wsu.edu/)

**WSU Vancouver**

WSU Vancouver EH&S implements campus-specific procedures for dangerous waste accumulation and collection. Departments and personnel are to contact the WSU Vancouver EH&S office for information and assistance; telephone 360-546-9706.

For further information WSU Vancouver departments and personnel are to refer to Appendix N of the WSU Vancouver Accident Prevention Program, which is available at:

[admin.vancouver.wsu.edu/ehs/environmental-health-safety](http://admin.vancouver.wsu.edu/ehs/environmental-health-safety)

**Questions**

Refer accumulation questions to the campus EH&S office:

- Pullman; telephone 509-335-3041
- Spokane; telephone 509-358-7621
- Tri-Cities; telephone 509-372-7163
- Vancouver; telephone 360-546-9706
- Research and extension center (REC) support; telephone 509-335-3041

**Locations**

University laboratories and departments may accumulate chemical wastes in the following types of locations:

**Satellite Accumulation Areas**

A satellite accumulation area is a location at or near the point of generation where chemical wastes initially accumulate. (*WAC* 173-303-040) These chemicals are under the control of the individual who is responsible for their generation, e.g., maintenance worker, researcher, instructor, process operator, unit administrator, or their designee.

Any site of waste generation on the WSU campus that is not directly controlled by EH&S or is not identified as a centralized waste accumulation area is considered a satellite accumulation area. Laboratories and shops are examples of satellite accumulation areas.

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Satellite Accumulation  
Areas (cont.)

See [Requirements](#) for regulatory requirements for satellite accumulation areas.

Centralized Waste  
Accumulation Area

Centralized waste accumulation areas are locations specifically identified by EH&S where wastes may be accumulated for not more than 90 days. NOTE: At locations outside of Pullman, the allowable accumulation period may be up to 180 days or indefinite, depending on the amount of waste generated and/or accumulated monthly.

At the end of 90 days or 180 days, wastes must be transported to a permitted treatment, storage or disposal facility.  
(WAC 173-303-200)

Contact EH&S for regulatory requirements for centralized accumulation areas; telephone 509-335-3041.

## **REQUIREMENTS**

**Satellite Accumulation**

Each laboratory, shop, or departmental building waste accumulation area at WSU is considered by regulatory agencies to be a satellite accumulation area. (WAC 173-303-040)

Personnel accumulating chemical wastes at satellite accumulation areas *must* follow the requirements below.

**Container Management**

**Keep the container under control of the operator or in a secured (locked) area.**

Close the container during accumulation, except when adding or removing waste.

Allow waste from only one process per container.

Place wastes in compatible containers.

Container Labeling

Mark each container with a label that clearly:

- Identifies all of the chemical constituents,
- Identifies the major hazard(s), and
- Includes the words *Dangerous Waste*.

See *SPPM* 5.66 for labeling requirements.

**Accumulation of Dangerous Chemical Waste**

**Volume of Waste** The maximum total volume of all waste that may be accumulated in a satellite accumulation area is 55 gallons, unless the waste is acutely hazardous.

The maximum volume of acutely hazardous waste that may be accumulated in a satellite accumulation area is one quart.

See the following EH&S website to view the Acutely Hazardous Waste List:

[ehs.wsu.edu/es/AcutelyHazardousWaste.html](http://ehs.wsu.edu/es/AcutelyHazardousWaste.html)

**Time Limits** When 55 gallons of dangerous waste or one quart of acutely hazardous waste are accumulated, mark the date on the container label. The container must be moved to a centralized waste accumulation area within three days.

**NOTE:** If these waste volumes remain in a satellite accumulation area for more than three days, the area must meet the more stringent centralized waste accumulation area requirements.

**WSU Vancouver Only** WSU Vancouver contracts with an external vendor for dangerous waste pickup services. Additional requirements apply to the preparation of dangerous wastes for pickup and transfer out of WSU Vancouver satellite accumulation areas. For information regarding pickup preparation requirements, contact the WSU Vancouver EH&S office; telephone 360-546-9706.

For further information, refer to Appendix N of the WSU Vancouver Accident Prevention Program, which is available at:

[admin.vancouver.wsu.edu/ehs/environmental-health-safety](http://admin.vancouver.wsu.edu/ehs/environmental-health-safety)

**Centralized Waste Accumulation**

**Chemical Waste Accumulation (Pullman Campus)** Environmental Health and Safety operates the Chemical Storage Building on the Pullman campus as the central waste accumulation area and transports wastes from all Pullman campus accumulation areas to Chemical Stores to be processed and shipped to approved recycling and disposal facilities.

**Chemical Waste Accumulation (Branch Campuses)** Each branch campus is to maintain a centralized waste accumulation area. **EXCEPTION:** WSU Vancouver contracts with an external vendor for centralized dangerous waste accumulation services.

5.68.4

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Environmental Health and Safety

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### **Accumulation of Dangerous Chemical Waste**

Chemical Waste Accumulation (Branch Campuses) (cont.)      Contact EH&S branch campus support personnel for information and assistance:

- WSU Spokane EH&S; telephone 509-358-7621
- WSU Tri-Cities EH&S; telephone 506-372-7163
- WSU Vancouver EH&S; telephone 360-546-9706

Chemical Waste Accumulation (Research and Extension Centers)

Each research and extension center (REC) is to maintain a centralized waste accumulation area. Contact EH&S REC support personnel for information and assistance; telephone 509-335-3041.