



History of CCS Recycling/Waste Reduction Programs

In 1989 the Washington Legislature passed ESHB 1671, a comprehensive solid waste bill that would bring about significant changes in the way Washington citizens and public agencies handled waste materials. The bill called for waste reduction and source separation to become the fundamental strategy for solid waste management and established an aggressive state goal to achieve a fifty percent recycling rate by 1995.

In response to RCW 70.95C a recycling plan was developed and came to be known as the G.O.L.D. plan (Government Options to Landfill Disposal). The G.O.L.D. plan objectives established formal recycling programs across all state entities and buildings to reduce wastes going into landfills consistent with ESHB 1671 goals of fifty percent by 1995.

A recycling program was formally in place at **Community Colleges of Spokane** by 1991.

From 1991 through 1995, **CCS** compiled data on the recycled materials collected on its campuses and reported on the total amounts diverted from the landfill/incinerator.

For the period July 1, 1992 through June 30, 1993 **CCS** reported recycling a combined total of 201,725 pounds of waste. This waste included: *Paper, Cardboard, Aluminum, Glass, Plastics, Metals, Motor Oil, Antifreeze and Yard Waste.*

Since implementation in 1991, the **CCS** District Facilities Department has continued to manage a system wide recycling program which also includes hazardous or dangerous materials generated by campus programs.

Recycling at **CCS** today is well established and includes some special practices tailored to specific types of waste generated by district instructional programs and administrative departments. **CCS** endeavors to purchase materials and products with recycled content and to select vendors who use or provide products with recycled content. When ever possible, surplus furniture and equipment is diverted from the waste stream by recycling these items for reuse.

Recycling at **CCS** today has been integrated into everyday campus activities by students, faculty, staff, visitors and vendors. Campus opportunities to recycle have become and are expected to be convenient in our work, classroom and public spaces.

Waste Materials Currently Recycled at CCS:

- White paper
- Cardboard
- Magazines
- Newspapers
- Telephone Books
- Aluminum Cans
- Clear Glass
- Florescent Lamps & Ballasts
- Lead Acid Batteries
- Other Batteries
- Antifreeze
- Non-Chlorinated Oils and Solvents

Where You Can Recycle - What Happens to Recycled Materials

<u>Waste Material</u>	<u>Who Recycles</u>	<u>Where Can I Recycle</u>	<u>Who Manages Recycling</u> <u>What Happens to Waste Materials</u>
<i>White Office Paper (Unshredded)</i>	Building Occupants Students, Faculty, Staff and Visitors	Most building offices and work areas are supplied with desk side recycle containers. Each building is supplied with a large recycle container, normally positioned at their copy center. <i>SFCC</i> - Satellite collection areas: 55 gallon barrels are placed on the loading dock at building 17 to contain white paper, white glass, and white plastic until weekly pick up is made by Contractor . <i>SCC</i> -Satellite collection areas: White paper is gathered and stored under the U of the Main building for pick up along with newspapers and magazines.	Locating and placing the collection receptacles is a shared responsibility between the campus facilities manager and the custodial staff. Campus Facilities Managers <i>Material is picked up nightly at source locations (desks, copy centers, etc. and deposited in satellite storage areas) by campus custodial staff.</i>
<i>Cardboard</i>	Building Occupants Students, Faculty, Staff and Visitors	<i>SFCC</i> - Satellite collection area: Contains 5 cardboard bins north of building 17 loading dock. <i>SCC</i> - Satellite collection areas: Two main locations for gathering cardboard, located at the south west corner of the Lair #6 and south east corner of Maintenance building #201.	Collected by the recycling vendor (Contractor) as needed. Campus Facilities Managers
<i>Magazines/Slicks</i>	Building Occupants Students, Faculty, Staff and Visitors	<i>SFCC</i> - Satellite collection areas: A magazine/slick recycling dumpster behind building 17 loading dock. <i>SCC</i> - Satellite collection areas: White paper is gathered and stored under the U of the Main building for pick up along with newspapers and magazines.	Collected by the recycling vendor (Contractor) as needed. Campus Facilities Managers
<i>Newsprint</i>	Building Occupants Students, Faculty, Staff and Visitors	<i>SFCC</i> - Satellite collection areas: A newspaper recycling dumpster in parking lot P-9.	Collected by the recycling vendor (Contractor) as needed. Campus Facilities Managers

Telephone Books	Building Occupants Students, Faculty, Staff and Visitors	Collected Yearly from each building	Collected by the recycling vendor (Contractor) as needed. Campus Facilities Managers
Aluminum Can Beverage Containers	Building Occupants Students, Faculty, Staff and Visitors	Buildings with soda machines dispensing <u>aluminum</u> cans are supplied with a container to collect the cans. SFCC - Recycling Contractor purchases aluminum cans from CCS. SFCC - Building 17, cafeteria contains a large recycling containment bin to collect clear glass, PETE (1) plastic and aluminum cans. 55 gallon barrels are placed on the loading dock at building 17 to contain white paper, clear glass, and PETE (1) plastic until weekly pick up is made by the recycling vendor (Contractor). SCC - Recycled by various campus clubs.	Locating and placing the collection receptacles is a shared responsibility between the campus facilities manager and the custodial staff. Campus Facilities Managers Collected by the recycling vendor (Contractor) as needed.
Clear Glass Beverage Containers	Building Occupants Students, Faculty, Staff and Visitors	Limited - Building specific collection containers not provided. SFCC - Building 17, cafeteria contains a large recycling containment bin to collect clear glass, PETE (1) plastic and aluminum cans. 55 gallon barrels are placed on the loading dock at building 17 to contain white paper, clear glass, and PETE (1) plastic until weekly pick up is made by the recycling vendor (Contractor).	Collected by the recycling vendor (Contractor) as needed. Campus Facilities Managers
*Plastic Beverage Containers (PETE # 1)	Building Occupants Students, Faculty, Staff and Visitors	Not generally recycled. May be collected on a limited basis. Specific collection containers not currently provided in proximity of source generators (Beverage Machines). SFCC - Building 17, cafeteria contains a large recycling containment bin to collect clear glass, PETE (1) plastic and aluminum cans. 55 gallon barrels are placed on the loading dock at building 17 to contain white paper,	SFCC - Building 17 - Collected by the recycling vendor (Contractor) as needed. Campus Facilities Managers

		clear glass, and PETE (1) plastic until weekly pick up is made by the recycling vendor (Contractor).	
*Steel (Tinned) Cans	Food service vendors, building occupants and campus programs.	Not source separated, or currently collected and recycled.	Campus Facilities Managers
Scrap Metals	Program and building specific.	Limited to specific campus programs though not generally collected and recycled	Program Administrators
*Wood Waste (Campus Projects)	Staff,	Not currently collected and recycled.	Campus Facilities Managers
Computer/Electronic Equipment	Campus Programs, Administrators, Staff	Collected for reuse, resale, surplus or disposed of as waste. May be subject to manufacture "Buy-Back" laws. Ecology adopted WAC 173-900 in 2006 requiring computer and television manufacturers to provide consumer-convenient recycling of their covered electronic products throughout our state. Covered electronic products are computers, televisions, computer monitors, portable, or laptop computers used by households, small governments, small businesses, and charities.	Manufacturers must make electronic product recycling services available at no cost to these groups by January 1, 2009. Central Receiving/Services
Surplus Property	Campus Programs, Administrators, Staff	Furniture, fixtures, etc., collected for reuse, resale, surplus or disposed of as waste.	Sold or reused when possible. Central Receiving Services
Florescent Lamps & Ballasts	Staff	Collected and stored for approved disposal. See Hazardous Waste/Dangerous Materials Current Practice below.	Campus Facilities Managers Environmental Health and Safety Department
Lead Acid Batteries	Program specific. Students, Faculty, Staff	Collected and stored for redemption or sale. State law governs redemption and exchange fees. See Hazardous Waste/Dangerous Materials Current Practice below.	Locating, placing and pickup of the collection receptacles is coordinated by the Environmental Health and Safety Department
Other Batteries	Building Occupants Students,	Each building is supplied with a labeled recycling container. See Hazardous Waste/Dangerous	Locating, placing and pickup of the collection receptacles is coordinated by the Environmental

	Faculty, Staff	<i>Materials Current Practice</i> below.	Health and Safety Department
<i>Antifreeze</i>	Program specific. Students, Faculty, Staff	<i>See Hazardous Waste/Dangerous Materials Current Practice</i> below.	Locating, placing and pickup of the collection receptacles is coordinated by the Environmental Health and Safety Department
<i>Non-Chlorinated Oils and Solvents</i>	Program specific. Students, Faculty, Staff	Collected and stored for redemption or sale. <i>See Hazardous Waste/Dangerous Materials Current Practice</i> below.	Locating, placing and pickup of the collection receptacles is coordinated by the Environmental Health and Safety Department
<i>Paint Related Chemicals</i>	Program specific. Students, Faculty, Staff	<i>See Hazardous Waste/Dangerous Materials Current Practice</i> below.	Locating, placing and pickup of the collection receptacles is coordinated by the Environmental Health and Safety Department
<i>Hazardous Waste Management</i>	Program specific. Students, Faculty, Staff	<i>See Hazardous Waste/Dangerous Materials Current Practice</i> below.	Locating, placing and pickup of the collection receptacles is coordinated by the Environmental Health and Safety Department
<i>Construction/Demolition</i>	Construction Contractors <i>*CCS projects: Staff</i>	Contractors are responsible for new construction waste material recycling. RCW 39.94.020 LEED 2.1 Material generated from CCS projects and repairs is not currently recycled. Material goes to general waste pickup and disposal.	Construction Contractors
<i>*Yard Waste</i>	Staff	Not currently collected and recycled. Material goes to general waste disposal.	Campus Facilities Managers
<i>*Food Waste</i>	Food Service	Not currently collected and recycled. Material goes to general waste pickup and disposal.	CCS vendor contracts for food service operations required compliance with campus recycling programs if they exist. Campus Facilities Managers
<i>Products with Recycled Content, Vendor Recycling</i>		When possible, CCS purchase materials and products with recycled content and to selects vendors who use or provide products with recycled content	CCS Purchasing
<i>*Non-CCS Event Recycling - Facilities</i>	Event organizers and	Recycling by events renting CCS facilities is not currently required.	Campus Facilities

Rentals	Participants	CCS does not source separate recyclables from event waste. Material goes to general waste pickup and disposal.	Managers
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* *No current recycling program in place.*

Hazardous Waste/Dangerous Materials
Current Practice

Protocols for handling, storage, disposal and recycling of hazardous or dangerous materials such as: oils, fuels, solvents, paint related chemicals, pesticides, batteries, mercury, antifreeze, PCB's, developers and fixers are covered by the Community Colleges of Spokane *Hazardous Waste Management Procedures*.

CCS faculty and staff involved in programs that generate hazardous waste are required to participate in training regarding safety, regulatory and compliance issues associated with handling and material disposal.

Satellite and primary storage areas for hazardous or dangerous materials are inspected on a regular basis. Detail records are maintained by weight, volume or count.

Regulated contractors remove and transport materials for recycling, recovery, reuse and disposal. CCS receives income from oil and credits or income from lead battery exchange. Contractor transport to designated collection facilities is on a fee for service basis.

Emergency protocols, dangerous waste transport, generation, collection and storage areas associated with hazardous or dangerous materials generated by CCS activities are outlined in *Hazardous Waste Contingency Plan and Emergency Procedures*.

Both of these documents and associated training, program and materials management are administered by the CCS Environmental Health and Safety Department. They are readily accessible and can be found on the CCS Intranet at:
<http://inet.ccs.spokane.edu/Security/EmerMgmt.htm>.

CCS handling, storage, disposal and recycling of hazardous or dangerous materials protocols are based on federal and state legislation found in the Code of Federal Regulations, 40 CFR 260 through 355, Revised Code of Washington, RCW 70.93 and 70.95 and in the Washington Administrative Code, WAC 173-303, 304, 340 and 350.