



# SAN BERNARDINO VALLEY COLLEGE WASTE MANAGEMENT PROCESS

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# Waste Management Processes





The goal of this document is to record the current waste management processes of San Bernardino Valley College that follow general guidelines from both the state and LEED (Leadership in Energy and Environmental Design). For example, Mandatory Commercial Recycling (AB 341) and Mandatory Commercial Organics Recycling laws require public entities that generate a certain threshold of solid waste per week to recycle and implement an organic waste recycling program.

## 1. Waste Categories

Table 1 shows the different types of waste found on the SBVC campus with images, definitions, and examples.

*Table 1: The Different Types of Waste*

Type of Waste	Image	Definition and Examples
Green Waste (Green Bin)		Also known as "biological waste," it's any organic waste that can be composted. For example, waste is created from landscaping, like grass clippings.
General Waste (Gray Bin)		Also called residual waste, it's material from businesses and households that cannot be recycled. This can include plastic bags, Styrofoam, and paper food storage.
Recycling Waste (White or Blue)		Items that can be converted into reusable materials. Plastics, cardboard, paper products, Aluminum/Steel cans, and glass.

<p>Organic Waste (Dark Green Bin)</p>		<p>Organic waste is any biodegradable material that comes from either a plant or an animal. Biodegradable waste is organic material that can be decomposed. For example, food scraps or used cooking oil.</p>
<p>Biohazardous Waste (Labeled)</p>		<p>Waste contaminated with potentially infectious agents or other materials that are deemed a threat to public health or the environment. For example, gloves or needles.</p>
<p>Universal Waste (Labeled)</p>		<p>Materials designated as "hazardous waste," but contain very common materials. For example, batteries, motor oil, fluorescent lamps, and mercury thermostats.</p>
<p>Construction Waste (Varies)</p>		<p>All waste is produced in constructing, altering, renovating, repairing, or demolishing a structure. For example, insulation, piping, and packaging. See Appendix A for SBVC's construction waste management plan.</p>

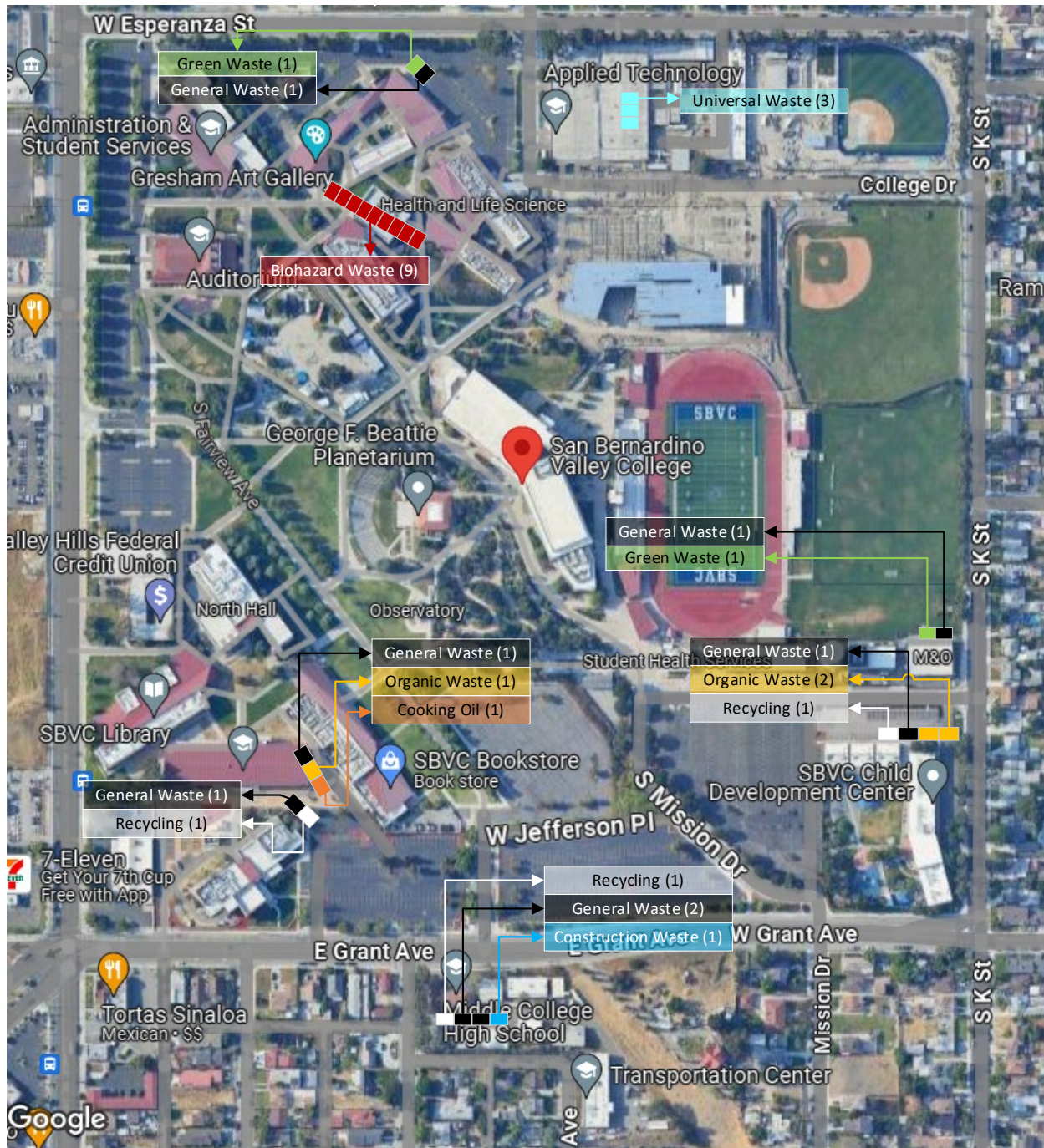
## 2. Locations of Waste

The table below shows the waste locations at SBVC, what type of waste that location has, and the size of the container holding that waste.

Table 2: Buildings and Their Waste

Location	Waste Container Type	Qty	Size Per Container
Individual Offices and Classrooms	General	1	8 Gallons
	Recycling	1	8 Gallons
Maintenance and Operations	General	1	4 Cubic Yards
	Green	1	4 Cubic Yards
Child Development Center	General	1	4 Cubic Yards
	Organic: Food Waste	1	2 Cubic Yards
	Organic: Food Waste Bin	1	95 Gallons
	Recycling	1	4 Cubic Yards
Business Building/KVCR	Recycling	2	4 Cubic Yards
	Organic: Food Waste	1	95 Gallons
	Organic: Cooking Oil	1	1 Cubic Yard
	General	1	4 Cubic Yards
40 Yard	Recycling	1	4 Cubic Yards
	General	1	4 Cubic Yards
	Large Container (General)	1	40 Yards
Arts Center	General	1	4 Cubic Yards
	Recycle	1	4 Cubic Yards
Health and Life Sciences	Biohazard: Sharps Container	9	5 Quarts
Applied Technology	Universal Waste: Motor Oil	1	55 Gallons Barrel
	Universal Waste: Coolant	1	55 Gallons Barrel
	Universal Waste: Brake Fluid	1	55 Gallons Barrel
	Universal Waste: Batteries	1	5 Gallons

### 3. Map of Waste Locations at SBVC



## 4. How Waste is Collected








The table below shows who collects waste on campus, the type of waste collected, and how it's collected.

Table 3: Who Collects Waste on Campus

Who	Type of Waste	How it's Collected
Groundskeepers	Green Waste	Collects waste into 3 cubic yard bins after waste is collected into bags Dump carts: throw leaves and trees in here and into 4 cubic yard
Custodians	General, Recycle, & Some Organic Waste	Collects waste generated in offices and classrooms and disposes of it into 3 cubic yard bins
Construction Workers	Demolition & Construction Waste	Depends on project
Staff/Students	Biohazardous	Consolidated into labeled containers and stored in a supply room; HLS
Staff/Students	Universal	Collected into labeled bins and stored; go into trash can and bagged and picked up into any 4 yard bin (across the street)

The table below shows when waste gets picked up from SBVC.

Table 4: How Often Waste is Picked Up

Type of Waste	Service Interval		
	Everyday	5 Days a Week	As Needed
Biohazardous			
Recycle			
General			
Organic			
Universal			
Green			
Construction			

The table below shows which vendor picks up what type of waste.

Table 5: Who Picks up Waste From Campus

Type of Waste	Vendor
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Biohazardous	Environmental Management Technologies
Recycle	Burrtec
Regular	Pinnacle
Organic	Burrtec
Universal	Environmental Management Technologies
Green	Burrtec
Construction	Varies by Project

**1. Areas of Opportunity**

- Vendors can make better sustainable choices.
- Small bins for recycling can be added alongside general waste bins, for example, in the Quad, where a higher number of students congregate.
- Student senate can do outreach: educating students and staff on correctly segregating waste.
- Add signage to waste bins educating the student population on how to segregate trash at the source level.
- Increase behavioral change of students with educational opportunities. For example, through info sessions or newsletters.
- Quantify waste produced on campus. If you can't measure it, you can't reduce it.
- Install distinct bins for recyclable materials, each clearly labeled and positioned side by side to facilitate easy disposal and ensure that trash and recycling remain separated throughout the collection process.

# Appendix A