

Overview of SDSU Waste Management

Waste Diversion

SDSU diverted over 51 percent of waste generated in 2006. While actual values for 2007 are still being compiled the average yearly waste in tons is 11,500. Average yearly recycling diverts 6000 tons of waste from the Landfill.

Cost Reduction

SDSU recycling programs have been successful in reducing the frequency and/or cost of trash disposal in every area. Some of the programs are cost neutral, an example would be the construction demolition program, it doesn't cost any more or less to recycle it but it has reduced that amount of materials going to the landfill yearly by 4812 tons.

Recycling Programs

The single stream recycling program (beverage container's, cardboard, and mixed paper) has reduced the number of yearly "tips" of Trash dumpsters by a total of 6,121 tips. Had these dumpsters been tipped as trash they would have cost \$68,555.20 yearly for trash service. As a result of the recycling program the cost of emptying the containers is \$25,708.20 yearly, a savings of \$42,847.00

Beverage Containers-

Beverage containers are collected at 75 recycling sites located outside of buildings throughout campus. The containers are collected co-mingled and each site is serviced by a Physical Plant employee (laborer). The beverage containers are taken to the new SDSU Recycling Center where they are separated and sold to a certified recycler for the CRV value. The recycling center is open to Faculty, Staff and Students, to recycle beverage containers and the customer's are paid with Aztec Shop vouchers. The Center has generated an income of over \$12,000 since opening. The seed money for the Center was provided by Allied Waste Services Inc. in the amount of \$5,000.00

Cardboard-

Cardboard is collected daily from within the dumpster enclosures, and at several of the stores and dining facilities located on campus. Cardboard is picked up by a Physical Plant employee (laborer) on a daily basis. Cardboard is placed into open top 40yd roll-off containers and transported by Allied Waste Services to a Material Recovery Facility (MRF).

Mixed paper-

Mixed paper is collected in offices using 28qt containers located at each desk-side. There are mixed paper containers located in hallways throughout the Buildings. The paper is picked up by the custodial staff and transported to the nearest dumpster enclosure. Every dumpster enclosure on campus has at least one dumpster for trash and one dumpster for “Single Stream” recycling. The recyclable materials are transported by Allied Waste Services to a MRF.

Other Recycling Programs

The landscape waste recycling program saved the university \$902.00 in yearly landfill cost based on landfill cost per ton for trash vs. cost at the Mira Mar greenery. In part of the program a full time staff employee picks up landscaping from various locations on campus and transports materials to the Mira Mar landfill greenery for composting. In another program the grounds staff transports landscaping waste to two roll-off containers that are transported by Allied Waste Services to the Miramar Landfill Greenery.

The grass cycling program diverted 184.5 tons yearly of waste from the landfill and saved the university \$7,933.50 in landfill cost.

The food waste diversion program is estimated to divert 65 tons of waste from the landfill and will save the University \$1,365 in landfill cost. The program has diverted 28 tons of food waste from Oct. 2006 through Feb 1, 2007 and has saved the University \$588.00 in landfill cost.

Food Waste composting- *The staff working in the Cuicacalli dining complex collect prep waste and food that is not sold by the end of the day. They collect the food waste in 32 gallon wheeled carts and they transport the materials to the food waste compactors located in the rear of the building. The compactor is transport to the Miramar Landfill greenery by Allied Waste Services.*

Construction Demolition Waste- Construction Demolition Waste including asphalt, concrete, wood, metal, and other materials resulting from repairs, renovations, and new construction is diverted to various MRF’s by Self Haul and Waste Service providers.

Automotive Products Program- diverts tires, batteries, oil and antifreeze from the Landfill.