CSU, Chico established the Campus Conservation Committee (CCC) in August 2000 for the purpose of reviewing the university’s waste management procedures and to make recommendations to campus administration on ways to further reduce, reuse, and recycle waste products. In addition, the committee submits an annual report to cabinet each year that describes the waste reduction measures implemented.

The annual report below is based on report SB 1016 which is how the University summarizes landfilled waste to the California Integrated Waste Management Board (CIWMB) each year. The SB 1016 for 2008 was submitted on August 25, 2009.

The SB 1016 focuses on two primary elements:

I. Landfill Waste Reporting:

Landfill waste is reported in SB 1016 by weight per employee per day, and a combined category of weight per employees and students. The numbers do not include weight from materials that are recycled, reused, or otherwise diverted from the landfill.

CSU, Chico is assigned a target weight by CIWMB which is based on a 50% diversion rate of 2006 waste weights. The actual weights are compared to the target weights to determine if CSU, Chico is meeting the established waste diversion targets.

CSU, Chico reported 1,417.1 tons of landfill waste in 2008*. As detailed in the chart below, CSU, Chico successfully met the target weights in 2008 and is in compliance with SB1016:

<table>
<thead>
<tr>
<th>Employees (2,003)</th>
<th>≤ 14.2 lbs per person</th>
<th>3.9 lbs per person</th>
<th>↑ 1.13 lbs per person</th>
</tr>
</thead>
<tbody>
<tr>
<td>Employees and Students (17,966)</td>
<td>≤ 1.2 lbs per person</td>
<td>0.5 lbs per person</td>
<td>↑ 0.18 lbs per person</td>
</tr>
</tbody>
</table>

Actual Weights= (tons of waste / employees / 365 days)

**2008 Landfill Weights** - Tonnage for the landfill waste stream was determined from actual scale weights provided by the waste hauler for large 18 and 20 yard dumpsters. Full volume of smaller dumpsters was multiplied by a conversion factor of 150 lbs per yard, derived from the average weight per cubic yard of all waste weighed by the hauler.

II. Program Reporting:

Waste diversion programs are heavily encouraged by the CIWMB and are an essential part of the SB1016 report. Current waste diversion efforts are detailed on following pages. Although CSU Chico is in compliance with SB 1016, it important to note that our reduction trend has changed – see Annual Waste Trend Chart on the next page. In order to stay in compliance, Chico State must continue to support established waste reduction programs while encouraging the emergence of new efforts. The CCC will further analyze the many factors behind the upward trend (SSC move-in is one), and we will provide a set of recommendations in the Spring of 2010 suggesting ways in which Chico State can further improve waste diversion efforts.
Specific Waste Reductions Efforts for 2008

What changes have there been in the waste generated or disposed by your State agency/large State facility during the report year? (For example, changes in types and/or quantities of waste.) Explain, to the best of your ability the causes for those changes.

Some increase in waste generated is attributable to the new 120,000 square foot Student Services Center that opened in Fall of 08. Relocated were 400 staff and faculty, many who purchased new modular furniture, discarding old particle board etc. Many offices vacated, creating an opportunity to throw away years of accumulated trash.

Explain any changes to waste diversion programs that were continued from the prior report year:

- Transition to an on-line campus catalog has made a significant impact on paper use figures since first being introduced to the report last year.
- Food Waste Composting: AS Recycling increased food scraps delivered to the farm approximately 15 tons in 2008.
- Construction Waste: Significantly influenced by the large construction demolition project.

Explain any waste diversion programs that were newly implemented:

- Associated Students (AS) Recycling Class-Monthly meetings to discuss information gathered from California Resource Recovery Association (CRRA), the Department of Conservation (DOC) and the National Recycling Coalition (NRC). Class conducted by Recycling Coordinator Eli Goodsell included assignment, research, and tours. Toured Neal Road Landfill in the fall 2008.
- 1,000 phonebooks reduced on campus through AS Recycling Phone Book Reduction Program. Done by educating staff/faculty about phonebook alternatives.
- Associated Students "Reuse Program” An online reuse store is now on the Recycling Website. Photos of reusable items are posted on the website, advertised on the campus announcements. Over 3,500lbs of office materials diverted in 2008. Thousands of dollars in estimated savings when compared to new items.
- Paper Bins added to existing cans/bottles bins on all seven floors of Whitney Hall (Residence Hall).

What types of activities are included in each of the waste diversion programs you continued or newly implemented during the reporting year?

- Recycling Program: AS Recycling Program provides campus wide recycling collection services for office paper, beverage containers and pre-consumer compost at CSU, Chico. Student staff collects white paper, mixed paper, newspaper, shredded paper, magazines, books, cardboard, aluminum cans, glass and plastic bottles, and bi-metal (tin cans). Collection programs include Office Recycling, Faculty Call-in Program, Special Event Recycling, Phone Book Collections and the Saturday Donation Center.
- Construction Waste Diversion: Construction contracts incorporate Waste Management specifications requiring contractors to plan and divert concrete, asphalt, aluminum, metal and other recyclable construction by-products from the landfill.

- Other Recycling:
  - Sensitive documents are taken in bulk to the State shredding facility.
  - Contract waste hauler provides recycling bins at the housing units outside the AS pick up area.
  - 1-yard “metal shop scrap” and 20-yard miscellaneous metal scrap collection containers.

- Reduction of Paper Use:
  - Double sided printing is encouraged for all copier and computer printing jobs.
  - The campus utilizes recycled paper in all towel dispensers on campus.
  - Housing Department refuses delivery of 80% of offered phonebook deliveries.
  - On-line Campus Catalog and e-mail use also accounts for reducing paper use.

- Office Supply Swap:
  - Offices and departments donate office supplies they no longer want. AS Recycling gives away reusable office supplies such as folders, binders, envelopes and paper to campus and to non-profit organizations.

- Composting:
  - Food scraps are collected from five kitchen areas on campus, including the Garden Café, Whitney Dining Hall, and the Primo Espresso Cart and Café are taken to either the University Farm or AS Recycling on-campus Compost Display Area for composting.
  - University Farm comports approximately 250 tons of compost annually using on-farm crop residues, animal pen scrapings and donated rice straw from area growers as the carbon source.
  - Housing Department collects grass clippings and delivers them to the farm for composting. Annual leaf fall is collected and dropped off at City of Chico collection sites for transport to the municipal composting facility.
  - The university contract waste hauler provides two 18-yard green waste containers, the contents of which are composted or converted to cogeneration.

- Grasscycling: Mulch mowing is used on our main campus playfields and lawn areas.

- Tree and Limb Removal: Tree and limb removal is either taken away by tree service or converted to firewood, green waste, or lumber.

- Cardboard: Contract waste hauler provides cardboard collection receptacles at various locations on campus.

- Newspaper Recycling: Newspaper companies provide dedicated collection bins to facilitate their recycling efforts. AS Recycling collects all other newspapers that do not end up in these bins.

- Rendering:
  - The CSUC Farm Meat Lab sends all by-products to rendering service for making animal feed.
  - AS Food Service collects unusable fryer oil at all food service areas on campus.

- Used Book Buy Back:
  - AS Bookstore buys back over 30,000 books that are either used for the next semester’s program or sold to a used book wholesaler. All unusable books are recycled through AS Recycling.

- Diversion Excursion:
  - A cooperative effort between the Housing Department and Associated Students Recycling collects reusable materials and recyclables from Resident Hall move out. The materials are then sorted and distributed to local charities and recycling centers: In 2008 17,746lbs were diverted.

- Reuse of Materials and Equipment:
  - Both Main Campus and AS Receiving Departments collect and reuse packaging materials (plastic peanuts).
  - Toner and laser cartridges are collected and recycled.
  - Both Main Campus and AS Receiving Departments reuse pallets or sell them to pallet recyclers.
  - Efforts are made to store surplus furniture for reuse, resale, or donation.

- Reduction of Hazardous Materials Use:
  - Micro-scale chemistry is used whenever possible to reduce chemical use.