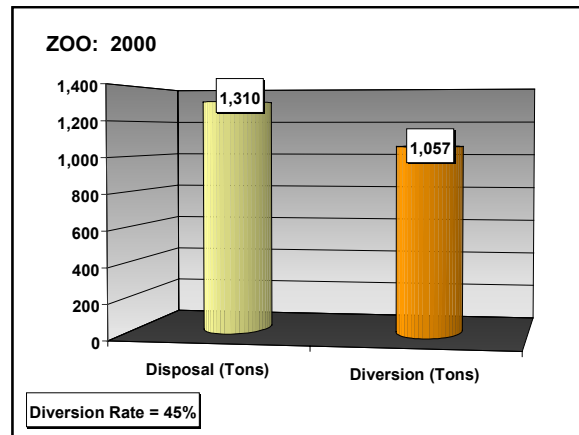


5.9 LOS ANGELES ZOO

5.9.1 Introduction

The Los Angeles Zoo is an 80-acre facility with an annual attendance of 1.4 million. Visitors can view more than 1,200 mammals, birds, amphibians and reptiles representing more than 370 different species. The Los Angeles Zoo is divided into different specialty areas and has many animals and plants grouped according to their native continental region.

The Greater Los Angeles Zoo Association (GLAZA), a non-profit organization, assists the City of Los Angeles in managing Zoo efforts. GLAZA provides funding support for capital improvements, animal acquisitions, research and education. The Zoo is a strong supporter of conservation efforts and strives to be excellent stewards to the environment.



5.9.2 Disposal and Diversion Tonnage Information

The Zoo participates in various diversion and recycling programs. The Zoo self hauls waste to a local landfill six days a week. For the year 2000, it is estimated the Zoo had a 45% diversion rate with an estimated 1,310 tons of disposed waste. Approximately 1,057 tons of material was diverted from the landfill.

The Los Angeles Zoo was awarded a grant for over \$167,000 from funding made available through a partnership between the Bureau of Sanitation and the State Department of Conservation. Funding will be used to enhance the existing recycling program, educate the general public on recycling practices and purchase resources needed for program implementation. The grant will begin in the year 2001.

5.9.3 Description of Recycling Programs

Composting

- Zoo Doo Program

The Zoo delivers approximately 1.5 tons per day of green and animal waste to the Griffith Park Compost Facility daily. Zoo Doo consists of animal waste, hay, green waste and leftover food. The compost is used throughout City parks, and donated to the Los Angeles Unified School District and non-profit organizations. The Zoo diverted approximately 478 tons through this program in 2000.

Implementation Year: 1996/Ongoing

Recycling

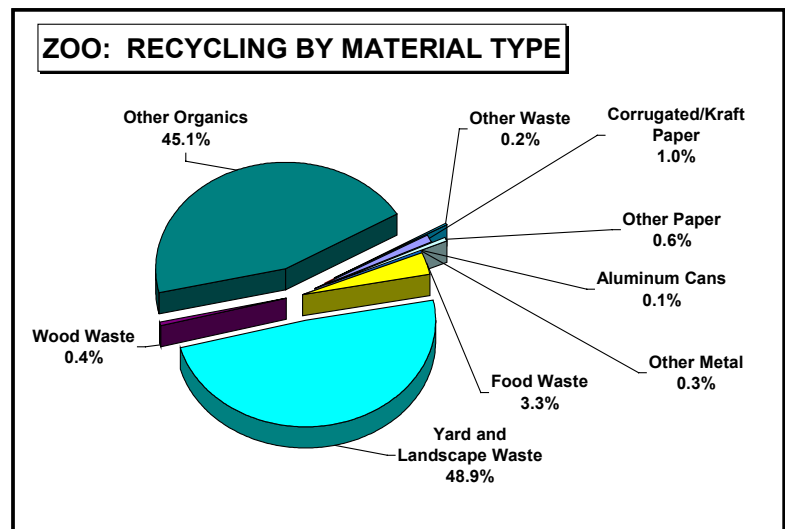
- Zoo-Wide Recycling (NP8)

The Zoo participates in a comprehensive diversion and recycling program. Materials recycled include cardboard, paper, beverage containers, metal, pallets, toner cartridges, food grease, computers and grasscycling. The Zoo provides recycling bins for the general public. Zoo staff participates in recycling paper, cardboard and beverage containers. Approximately 55 tons of materials were recycled in the year 2000.

Implementation Year: 1990/
Ongoing

- Green Waste (NP12)

The Zoo collects green and yard waste and recycles the materials at the Griffith Park Compost Facility. The Zoo also grasscycles 1.5 acres on a weekly basis. In the year 2000, approximately 497 tons of green waste was diverted.



Source Reduction

- Source Reduction and Reuse Practices (NP10)

The Los Angeles Zoo encourages source reduction and reuse activities. Source reduction includes converting standard memos into e-mails and photocopying on both sides of paper. Reuse activities include regular food donations to homeless shelters, tree clippings placed in animal exhibits and the reuse of construction and demolition materials. Approximately 28 tons was diverted in 2000.

Sustainable Development

- Water Pressure (NP13)

The Zoo installed a water pressure reduction system that successfully reduces water from 180 to 130 pounds per square inch. By reducing water pressure to current plumbing and building code standards, the cost of labor and materials to replace hoses, back flow valves, and pipes is reduced. An estimated \$120,000 in labor costs and \$60,000 in materials and equipment is saved annually.

Implementation Year: 1998/Ongoing

- Computerized Landscape Water Management System (NP14)

The Zoo installed a state of the art, computerized landscape water management system. It allows irrigation timing based on soil type and slope to maximize

conservation. The system automatically increases or decreases water accordingly on a daily basis. An estimated \$123,000 in water, maintenance, and labor expenses is saved annually.

Implementation Year: 1998/Ongoing

- Alternative Fuel Vehicles (NP15)

The Zoo owns and operates four electric vehicles and one compressed natural gas vehicle. Charging stations are located in the parking lot and can be utilized by the visiting public. Benefits include the conserving of fossil fuels and the reduction of harmful substances released into the air.

Implementation Year: 1997/Ongoing