

## 5.19 LOS ANGELES UNIFIED SCHOOL DISTRICT

### 5.19.1 Introduction

In 1991, the Los Angeles Unified School District (District) adopted a policy to meet the fifty percent (50%) waste diversion goal of the California Integrated Waste Management Act of 1989 (AB 939) for 2000.

From 1998 to 1999, staff from the Office of Environmental Health and Safety (OEHS) of the District, the California Integrated Waste Management Board (CIWMB), and the University of California at Los Angeles Extension's Waste Management and Recycling Program

Disposal (Tons)	56,751 tons
Diversion (Tons)	57,500 tons
Diversion Rate	50.3%

jointly conducted an extensive baseline analysis to determine the current diversion rate being achieved. During 1998, the District achieved an estimated diversion rate of 43.2%. The baseline study was updated in 2001 to measure the progress made since the 1998 – 1999 baseline.

The District's student population grew from a total of 849,039 students in 1998 to 913,119 in 2000, an increase of 64,080 students. In 2000, the District generated approximately 114,251 tons of waste per year, disposing approximately 56,751 tons of waste and diverting approximately 57,500 tons through source reduction and recycling programs. The District is currently achieving an estimated diversion rate of 50.3%.

As a comparative example of the relative size of the District in regards to waste disposal, 70% of the individual cities/jurisdictions in the State of California dispose of less than 50,000 tons per year of solid waste.<sup>1</sup>

A detailed list of the District's recycling and source reduction programs is provided in Table 5.19-1. The increase in the diversion tonnage from 1998 to 2000 resulted from expansions and improvements in the existing waste reduction and recycling programs. The single largest additional diversion in 2000 can be attributed to the recycling and reuse of construction and demolition materials (e.g., recycling of parking lots and driveways) as base materials from repairing existing schools.

The District is in the process of significantly improving the waste reduction and recycling infrastructure for 2001. Classrooms are being provided new and additional paper recycling bins in an effort to increase mixed paper collection. The District is developing various cooperative programs with other governmental and private entities to maximize recovery while minimizing collection costs. Educational programs on waste reduction, recycling, and conservation are being expanded and coordinated with the local, State, County, and Federal organizations. Pilot programs are also being evaluated for potential District-wide implementation.

The District is a member of the U. S. Environmental Agency's "WasteWise" program and started to work extensively with Cal EPA and the California Integrated Waste Management Board on cooperative projects.

<sup>1</sup> City of Los Angeles, Solid Waste Generation Study (April 1993).

The Board of Education has adopted a High Performance Schools resolution for construction of new schools. Staff will submit a Construction and Demolition Waste Recycling policy for the Board of Education in summer/fall 2001. This is the single most critical program because the District is planning to build over 80 new schools in the next 5 years, and the tremendous amounts of solid waste that is generated by construction and demolition activities will be recycled. In addition, staff is preparing an "Environmentally Preferable Procurement Policy for adoption by the Board of Education.

The impact of the District's waste reduction and recycling programs will significantly influence the demand for recycled content products and will also impact the waste stream in Southern California. The District is committed to implementing waste reduction, recycling, and educational programs that institutionalizes environmental ethics and maximizes reuse and recycling.

<b>TABLE 5.19-1. LAUSD YEAR 2000 RECYCLING SUMMARY</b>		
<b>Division / Branch</b>	<b>Program Description</b>	<b>Tons</b>
Automotive Maintenance	Oil Filter Recycling	4.55
Automotive Maintenance	Scrap Metal Recycling	102.69
Automotive Maintenance	Tire Recycling	79.74
Central Shops	Prunings/Trimmings Recycling (includes mulching)	6,724.50
Central Shops	Sawdust Recycling	194.40
Central Shops	Concrete/Asphalt Recycling (at existing schools)	18,000.00
Central Shops	Lexan Recycling	2.39
Food Services	Aluminum Kitchen Vent Recycling	3.76
General Stores	Cardboard Recycling (includes MK, FW, PW, GS, NNC)	1,713.38
General Stores	Wood Pallet Recycling (includes FW,PW,GS, NNC)	34.00
Interim Business Services	Cardboard Recycling	11.41
Interim Business Services	Paper Recycling, Mixed	14.93
Interim Business Services	Paper Recycling, White	2.35
Maintenance Warehouse	Wood Pallet Recycling	10.00
Other Non-School Sites	Cardboard Recycling	1,532.11
Reprographics	Toner Cartridge Recycling	0.78
Salvage	Scrap Metal Recycling & Scavenging	95.78
Schools	Paper Recycling, Mixed	3,839.00
Schools	Polystyrene Recycling	74.68
Schools	Milk/Juice Carton Recycling	156.00
Schools	Aluminum Can Recycling	149.42
Schools	PET Bottle Recycling	106.32
Textbooks Maintenance	Textbook Recycling	173.00
<b>TOTAL RECYCLING IN YEAR 2000</b>		<b>33,025.19</b>

<b>LAUSD YEAR 2000 SOURCE REDUCTION</b>		
<b>Division / Branch</b>	<b>Program Description</b>	<b>Annual Tons</b>
Administration	Wood Pallet Reuse	7.80
Administration	Metal Drum Reuse	0.18
Automotive Maintenance	Engine Rebuilding	18.00
Automotive Maintenance	Tire Recapping	101.38
Central Shops	Cardboard Box Reuse	15.08
Central Shops	Grasscycling at School Campuses	8,080.13
Central Shops	Lexan Reuse	0.50
Central Shops	Replacement of Cardboard Box With Plastic Tote	13.00
District Offices	Envelope Reuse	0.05
Food Services	Replacement of Paper Meal Tickets with Electronic Ticket	0.77
Foods Warehouse	Cardboard Box Reuse	3.80
Foods Warehouse	Invoice Form Size Reduction	3.71
Foods Warehouse	Damaged Canned Foods Donation Program	4.05
Foods Warehouse	Food Donations to Charitable Organizations	0.62
Foods Warehouse	Aluminum Can Donations to Charitable Organizations	0.23
Foods Warehouse	Plastic Pallet Use	34.24
General Stores	Cardboard Box Reuse	28.60
General Stores	Wood Pallet Reuse	92.30
M/O Branch Area #3	Metal Pipe Reuse	9.75
M/O Branch Area #3	PVC Pipe Reuse	22.75
Maintenance Warehouse	Wood Pallet Reuse	52.60
Manufacturing Kitchen	Paper Drum Reuse (includes Newman Facility)	0.50
Manufacturing Kitchen	Metal Drum Reuse	6.24
Manufacturing Kitchen	Stretch Wrap Reuse	2.08
Manufacturing Kitchen	Plastic (PET) (spice) Container Reuse	0.13
Manufacturing Kitchen	Reusable Hair Nets	0.18
Manufacturing Kitchen	Wood Pallet Reuse	36.40
Newman Nutrition Center	Metal Drum Reuse	1.44
Newman Nutrition Center	Polystyrene Tray Loading System	2.60
Newman Nutrition Center	Wood Pallet Reuse	24.96
Produce Warehouse	Cardboard Box Reuse	4.58

Produce Warehouse	Produce Pre-Purchase Inspection	5.73
Produce Warehouse	Replacement of Cardboard Box With Plastic Tote	52.91
Produce Warehouse	Wood Pallet Reuse	10.40
Salvage	Equipment and Supplies Salvage Program	732.42
Salvage	Wood Pallet Reuse	1.20
Schools	Offer versus Serve	13,645.91
Schools	School Food Donations Program	4.71
Schools	Clothing Donations and Reuse	165.61
Schools	Textbook Donations	187.41
Schools	Double-Sided Photocopying	1,100.53
<b>TOTAL SOURCE REDUCTION IN YEAR 2000</b>		<b>24,475.48</b>