



Help us keep this from occurring in Sunnyvale and elsewhere in California!

**Reduce, Reuse and Recycle
Waste Tires**

Further Information:

California Integrated Waste Management Board

916-341-6423

www.ciwmb.ca.gov/tires

Sunnyvale Department of Public Safety

Hazardous Materials Unit

408-730-7212

**City of Sunnyvale
Waste Tire
Enforcement Program**



*Implemented by
Sunnyvale Department of Public Safety*

Background

Californians generate approximately 40 million waste tires per year, which is about one waste tire for every person in the state. Few landfills currently accept tires because they are very difficult to effectively manage. As a result, millions of tires are stockpiled within California, creating health and safety concerns. In addition, illegally dumped tires create blight within the community.

In response to the growing waste tire problem, the State Legislature enacted requirements for the storage, transport and disposal of waste tires. As a result of these statutes, the California Integrated Waste Management Board (CIWMB) adopted regulations for waste tire generators, waste tire facilities and haulers.

If your company generates, transports or stores waste tires, it may be subject to the requirements of the Public Resource Code (Division 30, Part 3, Chapters 16 and 19) and the California Code of Regulations (Title 14, Division 7, Chapter 3). Contact the CIWMB at 1-866-896-0600 to obtain a tire program identification number (TPID#), hauler registration or tire facility permit.

Local Responsibilities

Sunnyvale Department of Public Safety receives an annual enforcement grant from the CIWMB to conduct inspections, enforcement and educational activities related to proper waste tire management.

Inspectors periodically visit every tire-generating business in Sunnyvale. Inspections will include a review of waste tire disposal receipts as well as a walkthrough of the facility to insure compliance with tire regulations and the California Fire Code. Inspectors ask questions about the number of tires generated and how they are managed at the facility.

All waste tire inspection findings are documented in an Inspection Report which is forwarded to the CIWMB. **Failure to comply with laws governing waste tire management can subject businesses to fines and penalties.**



Tires as a Fuel Supplement

Tires are used as a fuel supplement in cement kiln and power generating facilities. Of all waste tires generated in California in 1999, 38.8% were used as fuel. Tire Diverted Fuel (TDF) can be whole or shredded tires, that when burned, provides a similar energy output as superior quality coal.

Retreading

Tire retreading is an established market for waste tires. About 2.5 million retreaded tires were sold in 1999. Retreads are primarily produced for the heavy truck market.

Value Added Rubber Products

In 1999 an estimated 5.5 million tires were diverted from disposal through "crumb rubber" applications. End users included rubberized asphalt, molded products, mats, playground covers, speed bumps and carpet pads.

Civil Engineering

Used tires can be utilized in many structural and nonstructural applications, such as alternative daily cover at landfills, light-weight fill, fence construction and retaining walls.

Export of Waste Tires to Foreign Markets

Used tires exports reduce the number of tires requiring eventual disposal in California. Approximately 1.5 million tires are exported for reuse, retreading and crumb rubber production annually.

Definitions

A **Generator** is a person who accumulates, at a specific business location, more than 10 waste/used tires for pickup/disposal

A **Hauler** is a person who transports 10 or more used/waste tires in a single trip

A **Waste Tire Facility** is a location where greater than 500 used/waste tires are stockpiled