

Beverage Container Recycling Program

Ever Wonder How...

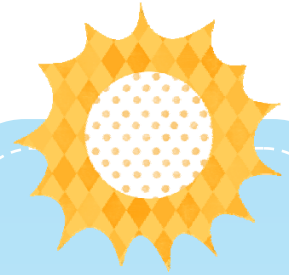
Much Trash is Generated? Trash starts at home, at work, business/restaurant or even at play. Ever stop to think where that trash goes. Americans generate trash at an astonishing rate of 4.6 pounds per day per person, which translates to 251 million tons per year. This is almost twice as much trash per person as most other major countries. What happens to this trash? Some gets recycled or recovered and some is burned, but the majority is buried in landfills. Of the 251 million tons of trash, or **solid waste**, generated in the United States in 2006, about 81.8 million tons or 32.5 percent, was either recycled or composted. Trash mostly consists of paper products, yard clippings, plastics, metals and food waste.

Much Trash is Disposed? The trash production in the United States has almost tripled since 1960. This trash is handled in various ways. About 32.5 percent of the trash is recycled or composted, 12.5 percent is burned and 55 percent is buried in landfills. The amount of trash buried in landfills has doubled since 1960. (Source: Environmental Protection Agency www.epa.gov)

What Is A Landfill...

A **Landfill** is a carefully designed structure built into or on top of the ground in which the trash is isolated from the surrounding environment (groundwater, air, rain) and will not contaminate the ground or air. This isolation is accomplished with a synthetic (plastic) liner and daily covering of soil. Typically the trash is spread in thin layers, each of which is compacted by a bulldozer before the next layer of trash is spread. After the day's refuse has been laid down, it is then covered by a thin layer of approved cover material, which is compacted. They also have drains that capture anything that flows out so it can be treated or disposed of properly and special water wells all around that are monitored for any leaks. The landfill's environmental protection systems are designed based on the types of materials accepted for disposal.

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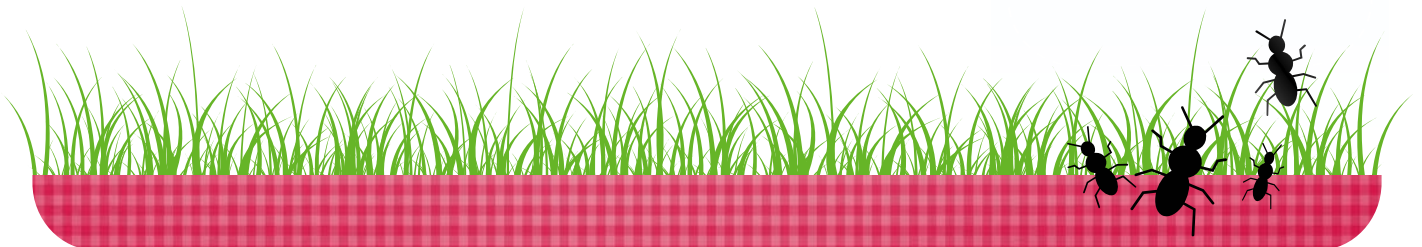


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Important dates

06/21	First Day of Summer
06/26	Family Festival, 10 am-3 pm Meadowlark Park, 13325 Spring Valley Pkwy, SVL
07/04	Fourth of July
07/17	Backyard Composting Workshop, 9 am-11 am CBWCD, 4594 San Bernar- dino St, Montclair
07/24	Xeriscape Garden Tour 9 am-4 pm, Eminger's Mountain Nursery, 41223 BB Blvd, BBL
07/31	San Bernardino County Employee Appreciation Day 7 am-3 pm, Glen Helen Regional Park



FREE CORRUGATED RECYCLING CONTAINERS

Solid Waste Management Division (SWMD) is responsible for educating and promoting waste reduction and recycling. One way to reduce waste is to recycle beverage containers. In support of the County's efforts to "go green," SWMD staff would like to assist in starting a beverage container recycling program in your office by providing the startup materials and education. The program would be maintained by your office staff and any proceeds from recycling beverage containers will be for the use of the office staff. A monthly recycling total will need to be provided to SWMD for the first year and quarterly thereafter as a way to track recycling totals in County Offices. If you are interested in this program, please contact Recycling Specialists, Erika Ellis at 909-386-8968, Chayo Valenzuela at 909-386-8914 or Olivia Sanchez at 909-386-8762 or by email for more information.



What Is A Landfill (Continued from page 1)

Before today's modern landfills, trash and hazardous materials were dumped on the ground or burned. There was no protection from the waste coming into contact with the ground and various animals (rats, mice, birds) swarming around.

Trash put in a modern landfill will stay there for a very long time. Inside a landfill, there is little oxygen and little moisture. Under these conditions, trash does not break down very rapidly. In fact, in old landfills have been excavated or sampled, 40-year-old newspapers have been found with easily readable print. Landfills are not designed to break down trash, merely to bury it. When a landfill closes, the site, especially the groundwater, must be monitored and the site maintained for a minimum to 30 years! Landfills are really difficult and expensive to run. Therefore, it is important to create as little waste as possible and recycle whenever you can to preserve valuable landfill space and help keep pollution to a minimum.

The Reuse Concept

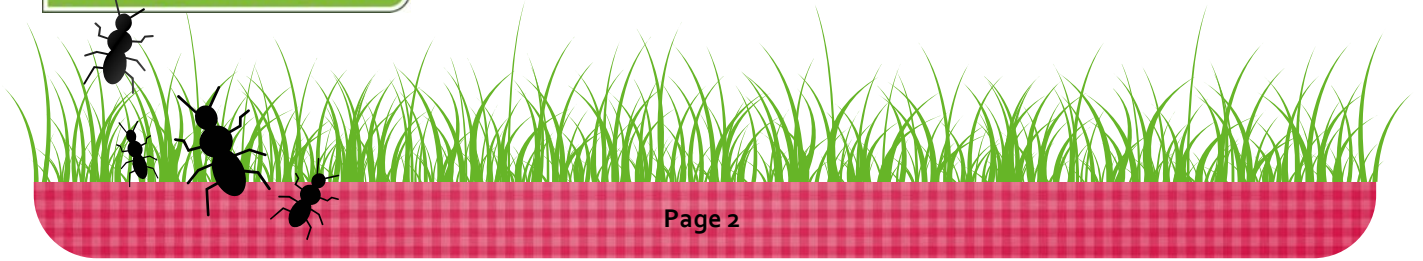
Many unwanted materials can be separated and reused in their existing form at the site or by other businesses and organizations. By participating in a materials exchange service, a company can improve its bottom line: reducing disposal fees and saving money. This may require some advanced planning. There are several organizations that may be able to reuse your unwanted materials.



The County of San Bernardino has partnered with the State of California to create a local materials exchange program called SBCountyMAX. SBCountyMAX is an on-line service that provides listings of "available" and "wanted" reusable waste materials or excess materials generated by a variety of businesses. If you are looking for low or no cost materials or generate large quantities of reusable waste or excess material, this could be for you. For SBCountyMAX, please visit www.sbcountymax.org to view or place an ad, it's free or call SWMD at 1-800-722-8004 for additional information.

Conserving Our Natural Resources

Construction and demolition waste can be recycled into a number of useful products. Concrete and asphalt wastes are crushed for use as aggregate base in road construction; metal can be sold as scrap to processors for recycling; wood waste is consumed by the biomass industry for boiler fuel to produce electricity; drywall/gypsum can be used for soil amendment; good quality red clay brick is marketed by building materials companies; and corrugated cardboard can be recycled into new cardboard packaging. All of the recycling efforts help to conserve natural resources, one of the primary goals of resource recovery.



The County of San Bernardino Office of the Public Defender goes GREEN!

By Tisha Baca., Public Defender's Office

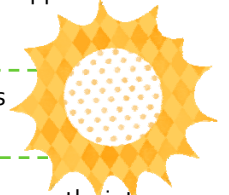
On February 8, 2010, the Office of the Public Defender began its department-wide Recycling Program.

All 16 Public Defender offices with the support of Assistant Public Defender Lauri Ferguson's administrative staff, implemented an employee-driven beverage container, and corrugated cardboard recycling program. Materials currently recycled as part of this program includes plastic, aluminum cans, glass, and corrugated cardboard.

Public Defender staff also collects recyclable items in bins at events. On-going projects include: Ink-jet and all paper recycling.

"To encourage staff participation, we decided to turn our program into a contest" said Ferguson, with the division collecting the most materials making the choice of how all collected proceeds will be spent. The winning division can choose whether funds are donated to a charity of that division's choice, or used toward a year-end employee event. The grand total will be tallied in December, and our department's year-end goal has been set at \$500.00, which would be approximately 750 pounds of recycled materials.

"I am so proud of our staff. It's easy to think that we can't make a difference; however, seeing the results shows every bottle, can and piece of cardboard counts".—Assistant Public Defender, Lauri Ferguson



Thus far, the Recycling Program has been very successful in reducing our environmental footprint. Only three months into our program we have recycled over 181 pounds! (SWMD provided collection containers for the program—Editor)

Over the past three years, the Public Defender's vehicle fleet has improved from one in which only 6% of vehicles were hybrid gas-electric, to a fleet with 54% or more of hybrid vehicles. In addition, 100% of the hybrids are ULEV (Ultra Low Emissions Vehicles) or cleaner vs. the County at 80%.

WAY TO GO, OFFICE OF THE PUBLIC DEFENDER!



Office of the Public Defender's Green Team: Seated (right to left): Public Defender Doreen Boxer, Assistant Public Defender Lauri Ferguson. Standing (right to left): Aaron Kunter, Gracie Arciniega, Tiffany Harvey, Kay Skawinski, Anna Morrison, Tisha Baca. Not Pictured: Chief of Investigations Martin Dante, Tanya Levell, Tiffany Knight, Joni Smith, Sue Bulger.



About Us

The County of San Bernardino Solid Waste Management Division (SWMD) is responsible for the operation and management of the County of San Bernardino's solid waste disposal system which consists of five regional landfills, eight transfer stations and two community collection centers. Also, the Division administers the County's solid waste handling franchise program and the refuse collection permit program which authorizes and regulates trash collection by private haulers in the unincorporated area.



SWMD offers a variety of services to assist local residents, businesses and organizations on how to reduce waste. The preferred way to reduce waste is to not make it in the first place. Meaning, the less waste you have to start with, the less waste you'll have to recycle, compost, reuse and so on. Writing on both sides of a sheet of paper, using products that last longer, using voice- or e-mail are all good methods to trim waste. Other waste reducing ideas include using a mulching lawn mower, buying products with minimal packaging, removing your name from mailing lists and replacing incandescent lighting with fluorescent lighting.

For more waste reduction information, workshops, disposal sites and hours, visit www.sbcounty.gov/dpw/solidwaste or call 1-800-722-8004.



Look for our county landfills and waste reduction/recycling assistance terms in this word search...Have Fun and Good Luck!

County of San Bernardino
 Department of Public Works
 Solid Waste Management Division
 222 W. Hospitality Lane, 2nd Floor
 San Bernardino, CA 92415-0017

Phone: 909-386-8701 1-800-722-8004
 Fax: 909-386-8964
 E-mail: solid.wastemail@dpw.sbcounty.gov
 Web: www.sbcounty.gov/dpw/solidwaste

Words can be found diagonally, horizontal, vertical and backwards.

- MID VALLEY
- REDUCE
- EARTH DAY
- MOTOR OIL
- RECYCLE
- COMPOST
- SAN TIMOTEO
- BOTTLES AND CANS
- VICTORVILLE
- LANDERS
- E WASTE
- BARSTOW
- XERISCAPING
- TIRES
- LANDFILL
- REUSE

G	M	E	L	C	Y	C	E	R	Y	C	G	R
S	O	Y	S	C	O	M	P	O	D	N	E	O
N	T	A	S	U	I	D	V	A	I	L	E	Y
A	O	D	C	T	E	T	V	P	L	S	W	O
C	R	H	O	O	M	R	A	I	E	C	A	E
D	O	T	M	S	D	C	V	C	L	K	S	T
N	I	R	X	T	S	R	U	A	A	Y	T	O
A	L	A	E	I	O	D	Q	C	N	E	E	M
S	M	E	R	T	E	W	T	K	D	L	T	I
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T	V	D	S	R	E	D	N	A	L	V	P	A
T	B	V	I	A	A	A	N	K	L	D	M	S
O	U	T	V	R	L	G	M	A	B	I	O	A
B	E	W	O	T	S	R	A	B	C	M	C	N

