

# SOLID INSIDE WASTE

LOS ANGELES COUNTY SOLID WASTE MANAGEMENT COMMITTEE/  
INTEGRATED WASTE MANAGEMENT TASK FORCE



Summer 2008

Volume 55

## County of Los Angeles Stormwater/Urban Runoff Pollution Prevention Program Business Outreach Program

In March 2007, the County reached out to Los Angeles citizens through their employers by offering stormwater pollution prevention and litter prevention materials. We identified the largest employers in the County and sent an introduction of the program and an overview of the materials available to them for reproduction/distribution. The County offers litter bags, posters, trash can wraps, newsletter articles, and its television public service announcements to help educate employees.

Employer outreach provides an additional outlet to promote the anti-litter message and raise awareness about the County's efforts to prevent stormwater pollution. As residents are exposed to the campaign multiple times through the news, advertisements, at their favorite sporting event, and now in their workplace, the message will finally begin to resonate and the desired behavioral change will result.

In 2007, we distributed the Stormwater Program Business Outreach toolkit to 87 of the largest private employers in the County of Los Angeles with a potential to reach up to 1.2 million people. Some of the companies include Lockheed Martin, Bloomingdales, Consolidated Electrical Distributors, United Western Grocers, and Jacobs Engineering Group. The County provided its campaign television public service announcements to Lockheed Martin to play on their closed-circuit televisions.

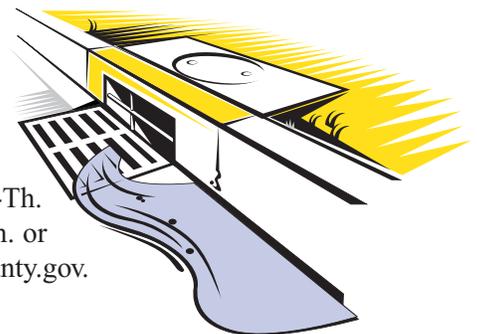
This outreach was also offered to County of Los Angeles departments, creating an opportunity to reach millions more over an extended time period. Participating County departments include: Parks and Recreation; Human Resources; Beaches and Harbors; Children and Family Services; and the Community Development Commission.

These departments received an estimated 4,000 promotional items consisting of litter bags, posters, and tip cards.

The County also partnered with Orchard Supply Hardware in 2006 and 2007 and provided the retailer's 12 locations within the County of Los Angeles with 9,000 stormwater pollution prevention tip cards on the topics of pet waste, pesticides, and paint disposal. Since 2006, the County reached out to independent pet stores, veterinary hospitals, and County animal shelters to circulate more than 13,000 campaign materials such as the Bags on Board dog waste dispenser bags and dog waste tip cards.

Additionally, the County disseminated a flyer about the County's Household Hazardous Waste/Electronic Waste Collection Program targeted to Home Owners Associations in 2006 and distributed more than 15,000 copies to date. The County continues to expand our Business Outreach Program in 2008. You can look forward to the County developing additional partnerships throughout this year.

For more information about the County's Business Outreach Program, please contact Kimberly Y. Lyman, Public Relations Group, County of Los Angeles Department of Public Works, at (626) 458-5975, M-Th. 7:00 am to 5:30 p.m. or [klyman@dpw.lacounty.gov](mailto:klyman@dpw.lacounty.gov).



**JOIN THE TEAM:** If you are interested in participating on the Los Angeles County Solid Waste Management Public Education Subcommittee or if you would like to submit an article for *Inside Solid Waste*, please contact **Vanessa Lopez** at (626) 458-6563, or [vlopez@dpw.lacounty.gov](mailto:vlopez@dpw.lacounty.gov). Quarterly meetings are held at the County of Los Angeles Department of Public Works Headquarters to discuss and review upcoming newsletters. If you want to be involved or to contribute, please join the Subcommittee!

## THE CITY OF RANCHO PALOS VERDES HOLDS ITS MOST SUCCESSFUL HOUSEHOLD HAZARDOUS WASTE ROUNDUP

The City of Rancho Palos Verdes held its annual HHW/E-waste roundup on Saturday, May 10, 2008. The roundup, which was sponsored by the County, was the City's most successful event since it started over a decade ago. It served approximately 1,800 households. The success is largely due to the various public education and outreach that was conducted in the past months. Residents were notified through billing inserts, website and listserv, County fliers, a banner, notifying neighboring cities, and an ad in the Daily Breeze Earth Day supplemental issue.

Additionally, the public is now becoming more aware that old computer monitors and televisions can no longer go in the trash. With the large volume of new computers purchased, the demand to dispose of old computer monitors and CPUs is on the rise. This adds to the roundups popularity.

Due to the large turnout, the lines were a little longer than usual. However, area residents still appreciate having this convenience and free opportunity to dispose of their waste. We look forward to another successful event next year to serve our area residents.

Here's a summary of items collected:

ITEM	QUANTITY/WEIGHT
Motor Oil	300 Gallons
Antifreeze	100 Gallons
Paint	6,600 Gallons
Dry Cell Batteries	3,200 Pounds
Oil Filters	200 Pounds
Car Batteries	186 Batteries
CRTs	611 CRT Units (33,605 pounds)
Misc. HHW	3,200 Gallons (105 containers in 5, 15, 30, and 55 gallon drums and cubic yard boxes)
Misc. E-Waste	28,750 Pounds

For more information, contact Lauren Ramezani, City of Rancho Palos Verdes, at (310) 544-5245 or visit [www.palosverdes.com/rpv](http://www.palosverdes.com/rpv) and click on public works for upcoming collection events in your area.

## Conversion Technology Update

For over a decade, the County of Los Angeles has been a supporter of conversion technologies for their ability to convert post-recycled residual solid waste into useful products, green fuels, and renewable energy. Together with the County, the Task Force's Alternative Technology Advisory Subcommittee (ATAS) is developing these technologies in Southern California through a phased approach. Phase I consisted of preliminary evaluation of several technologies and potential host sites. Phase II focuses on closely evaluating short-listed technologies and sites for development of a demonstration facility in Southern California. Four technology suppliers and four MRF/TS have been selected to move forward in Phase II. Phase III will facilitate permitting, procurement of funding, and facility design and construction of the demonstration project. Phase IV will focus on soliciting and evaluating sites for potential development of full-scale conversion technology facilities exclusively within L.A. County.

The Request for Offers (RFO) process is currently underway for the County of Los Angeles Conversion Technology Demonstration Project. The RFO was issued in January to the technologies and sites that were vetted through the County's evaluation process.

On April 29, 2008, the County issued a 90-day extension to Phase II RFO participants. This decision, made by the County in coordination with the ATAS, will allow RFO participants ample time to prepare strong and responsive offers. Offers are now due to the County for review on August 15, 2008.

Since each MRF/TS site involved in the RFO process is located in a different area of Southern California, the County will work with MRF owners/operators to develop a public outreach committee, whose main purpose is to reach out to these communities with site-specific information and educational programs.

The County continues to receive calls and e-mails from jurisdictions throughout the Country inquiring about conversion technology development. This demonstration project is highly regarded worldwide, and many conversion technology suppliers and local jurisdictions are contacting the County regarding future partnership opportunities.

For more information regarding the County's Conversion Technology Demonstration Project, please visit our website at [www.SoCalConversion.org](http://www.SoCalConversion.org), where there is an opportunity to sign up for our e-newsletter.

# 2008 LEGISLATIVE SUMMARY

Bill Number	Status	Position	Summary
AB 2866	Amended 5-23-08  In Assembly Appropriations Committee	Oppose	Increases the State's solid waste disposal fee from \$1.40 to \$2 per ton of solid waste disposed, beginning July 1, 2009. The additional revenue would be earmarked on a limited time basis towards commercialization of hybrid refuse trucks, projects which do not utilize thermal technologies that divert compostable organics from land disposal, and a State Solid Waste Closure Trust Subaccount (maintained at \$50 million) to pay for any future liability of the State resulting from the failure of a landfill operator to meet its responsibilities for landfill closure and post-closure care.
SB 1357	Amended 5-27-08  In Assembly	Support	Authorizes the California Department of Conservation (DOC) to expend up to \$20 million dollars in beverage container recycling and litter reduction programs and grants between July 1, 2009 and January 1, 2012.

For more information on these bills or copies of Task Force letters, please visit our website, [www.lacountyiswmtf.org](http://www.lacountyiswmtf.org), or contact Coby Skye of the County of Los Angeles Department of Public Works at (626) 458-5163, M-Th, 7:00 AM to 5:30 PM or Mike Mohajer of the Task Force at (909) 592-1147.

## City of Calabasas' Environmental Excellence Award for Recycling

The Calabasas Environmental Commission presented the Carl Gibbs Environmental Excellence Award to Ms. Trisha Kane during their regular meeting on April 1, 2008.

Ms. Kane set up a full recycling program at A.E. Wright Middle School where she is a special needs teacher. The recycling effort is school-wide and involves students and staff recycling paper, plastic bottles and aluminum. Additionally, the school collects print cartridges, batteries, e-waste, eye-glasses and cell phones. Money is raised from bottle and can refunds allowing the school to donate to a variety of charities and to help fund the school's science lab.

In 2007, Ms. Kane initiated an "Earth Week" program at A.E. Wright. During that week, students make pledges aimed at reducing their individual carbon footprint. Daily activities focus on teaching students about conservation and sustainability. In her daily contact with students, Ms. Kane emphasizes the daily impact we have on our planet's future and believes that everyone has a part to play in the future health of the planet.



The Carl Gibbs Environmental Excellence Award to Ms. Kane reads: **"In recognition of her commitment to enhance the environment which has been demonstrated by her tireless efforts to promote education of resource conservation and recycling at A.E. Wright Middle School and especially to special need students."**

For more information, please contact Alex Farassati, City of Calabasas, at (818) 878-4225.

Household Hazardous waste can be taken to any of these locations. Electronic waste is also accepted. Call 1-800-98-TOXIC or 1 (888) CLEAN-LA for more information.

**Gaffey Street Collection Center**

1400 N. Gaffey St.  
San Pedro, CA 90021  
Open Friday, Saturday, and Sunday 9 a.m. - 3 p.m.

**Hyperion Treatment Plant**

7660 W. Imperial Highway, Gate B  
Playa Del Rey, CA 90293  
Open Saturday and Sunday 9 a.m. - 3 p.m.

**Washington Boulevard Collection Center**

2649 E. Washington Blvd.  
Los Angeles, CA 90021  
Open Friday, Saturday, and Sunday 9 a.m. - 3 p.m.

**Randall Street S.A.F.E. Center**

11025 Randall St.  
Sun Valley, CA 91352  
Open Saturday, Sunday, and Monday 9 a.m. - 3 p.m.

**UCLA location**

550 Charles E. Young Dr. West  
Los Angeles, CA 90095  
Open Thursday, Friday, and Saturday 8 a.m. - 2 p.m.

**Los Angeles/Glendale Collection Center**

4660 Colorado Blvd.  
Los Angeles, CA 90039  
Open Saturday and Sunday 9 a.m. - 3 p.m.

**Antelope Valley Environmental Collection Center**

Antelope Valley Public Landfill  
1200 West City Ranch Road  
Palmdale CA, 93551  
Open 1st and 3rd Saturday each month 9 a.m. - 3 p.m.

# What's Up?

**HHW ROUNDUPS** are open from 9 a.m. to 3 p.m. unless otherwise indicated. For more information, call the County of Los Angeles Department of Public Works, at **1 (888) CLEAN-LA (253-2652)**. For information about City of Los Angeles events, call **1 (800) 98-TOXIC (988-6942)**.

- June 21 **Irwindale** - Flood Control Maintenance Yard  
160 East Longden Ave.
- July 12 **La Puente** - La Puente Park  
501 N. Glendora Ave.
- July 12 **La Habra Heights** - Hacienda Park  
Hacienda Blvd. and Encanada Dr.
- July 19 **Norwalk** - Cerritos College  
Stadium Parking Lot "C - 1"  
11110 Alondra Blvd.
- July 26 **Glendora** - Citrus College  
Stadium Parking Lot  
Barranca Ave. just north of Alostia Ave.
- August 2 **San Dimas** - San Dimas High School  
800 West Covina Blvd.
- August 9 **Burbank** - Burbank Fire Department  
Training Center  
1845 Ontario St.
- August 9 **Whittier** - Rio Hondo College  
Parking Lot "A"  
3600 Workman Mill Rd.
- August 16 **Sierra Madre** - Mariposa Parking Lot,  
9am - 2pm  
Mariposa Ave. just west of Baldwin Ave
- August 16 **Arcadia** - Santa Anita Race Track (Gate 6,  
Colorado Place) Colorado St. and Baldwin Ave.
- August 23 **Rowland Heights** - John A. Rowland High  
School, 2000 South Otterbein Avenue

## TASK FORCE MEETINGS

Meetings are held at the County of Los Angeles Department of Public Works Headquarters, 900 South Fremont Avenue, Alhambra.

August 21  
September 18  
October 16

All meetings are scheduled at 1 p.m. in Conference Room C.

For information, call Benjamin Cortez at (626) 458-2536, M-Th, 7 a.m. - 5:30 p.m.

## ANNOUNCEMENT

Looking for up-to-date information about the Task Force?

Visit [www.lacountyiswmtf.org](http://www.lacountyiswmtf.org) where you can find agendas, meeting minutes, and copies of the Inside Solid Waste newsletter.

## Comparison of the Use of Green Waste as Alternative Daily Cover (ADC) vs. Composting Greenhouse Gas Emission (GHG) Impacts

Green waste is a key component of California's solid waste stream and an important target for effective waste diversion. The California Integrated Waste Management Board (CIWMB) reports that about 15 million cubic yards of organics, comprised largely of green waste, are diverted annually in California. The diverted organics are principally used as compost and mulch in agricultural and urban green areas. In California, especially Southern California, an important waste diversion option is the use of green waste as landfill alternative daily cover (ADC). Green waste ADC reduces the need for using soil for daily cover and helps preserve limited landfill volume. However, green waste ADC use is often portrayed as contributing to greenhouse gas (GHG) emissions, and the composting of green waste is often assumed to be an environmentally superior alternative because it reduces GHG emissions. The Los Angeles County Sanitation Districts (LACSD) decided to test these claims in a technical study.

LACSD recently completed a life cycle analysis wherein the GHG emissions were compared for green waste ADC and composting using three different models, including the USEPA WARM Model. These models considered differences in transport, material handling, green waste emissions, capture and management, energy impacts, and carbon sequestration. The ADC analysis addresses the range of

conditions at landfills throughout California. The composting analysis considers a turned-windrow at facilities typically situated outside the urban regions in California. This study confirms that green waste composting results in a net reduction of GHG emissions, but it also shows that, using realistic but conservative assumptions, green waste ADC can generate substantially greater reductions. The LACSD model shows ADC GHG reductions three times greater than for composting. This finding is consistent with the USEPA Waste Reduction Model (WARM) projections and a Canadian study based on their EPIC model.

Although green waste ADC provides substantially better GHG emission reductions than composting, LACSD recognizes that composting is an important waste diversion strategy that complements, rather than replaces, ADC as a suitable market for green waste. This study highlights the importance of life-cycle analysis when assessing GHG emissions of different organics management techniques.

For further information on the analysis and conclusions, please contact Dung Kong, Senior Engineer, Solid Waste Management Department, Los Angeles County Sanitation Districts, at (562) 699-7411 Extension 2475 or [dkong@lacsds.org](mailto:dkong@lacsds.org).

## 75 PERCENT RECYCLING GOAL BY 2012

continued from page 3

Calabasas can achieve this new goal through increased consumer responsibility. This will require producer responsibility meaning that manufacturers and distributors will have to redesign their products and take more responsibility for what happens after consumers are done with them. This resolution also requires haulers to provide at least equal capacity of containers in all commercial, institutional and multi-family buildings. Calabasas generates 92,000 tons of trash on an annual basis and more than 45 percent of it ends up in landfills. Based on a study conducted by City staff, nearly 80 percent of trash delivered to landfills in Southern California could have been recycled through increasing waste prevention, recycling, and composting that saves costs and conserves precious resources.

Upon a recommendation by the Environmental Commission, the Calabasas City Council directed staff on November 16, 2007, to:

1. Prepare a new resolution (which was adopted on January 16, 2008),
2. Enter into franchise agreements with haulers that can meet city's expectations,
3. Prepare an ordinance to require contractors to recycle construction and demolition debris,
4. Prepare an ordinance for commercial and multi-family property owners to upgrade their sub-standard trash enclosures that cannot accommodate a recycling container.

City staff will provide education and technical assistance to the public, businesses, and schools; initiate innovative programs and facilities to maximize waste prevention and recycling; and partner with organizations with compatible goals. For additional information, contact Alex Farassati at (818) 878-4205.

# 2008 LEGISLATIVE SUMMARY

The Task Force continuously monitors and analyzes pending legislative bills that may impact the solid waste management in Los Angeles County. Below is a summary of the status of some of the bills the Task Force has taken a position on through May 2008.

Bill Number	Status	Position	Summary
AB 501	Amended 5-06-08  In Senate Health Committee	Support and Amend	Requires pharmaceutical manufacturers, at the request of a consumer, to provide a container for the safe storage and transport of sharps to a consolidation location or other specified locations for the safe disposal of specified injection devices.
AB 1075	Amended 5-14-08  In Senate Appropriations Committee	Support	Revises the definition of “transformation” to exclude anaerobic digestion, and would define composting operation and composting facility.
AB 1391	Amended 1-07-08 In Senate Environmental Quality Committee	Support	Requires a retailer, beginning July 1, 2009, that sells a covered electronic device (CED) to provide a customer — through a sign, written material, or information labeled on the device or included in the packaging — with information describing where and how to return, recycle, and dispose of a covered electronic device, as well as the locations for its collection or return.
AB 1860	Amended 5-23-08  In Senate	Support	Requires the manufacturer of a recalled product to properly dispose of the product and not export the product, or permit it to be exported, for disposal in a manner that poses a significant risk to the public health or the environment.
AB 2058	Amended 5-23-08  In Senate	Support if Amended	Requires large supermarkets and retail stores to demonstrate 70% diversion of plastic bags by December 31, 2010. If this goal is not met, retailers must charge a \$0.25 fee for each plastic bag distributed. On or after July 1, 2011, retailers must also charge a \$0.25 fee for each paper bag distributed. Funds collected would be retained by the stores and used for paper and plastic bag litter reduction and recycling activities, respectively.
AB 2640	Amended 5-23-08  In Senate	Oppose	Subjects green waste used as ADC to the State’s \$1.40 per ton waste disposal fee, effective January 1, 2010, and makes these funds available as grants to composting facilities. Requires a 50% reduction in the amount of organics deposited in landfills (including ADC) by 2020, based on 2008 calendar year figures. This is equivalent to increasing the current 50% diversion mandate by as much as 20-35%, potentially increasing the mandatory diversion rate to 85% by 2020.
AB 2695	Amended 4-22-08  In Senate	Support	Provides solid waste local enforcement agencies (LEAs) with the authority to inspect illegal dumping activities, and establishes an illegal dumping grant and loan program by the Waste Board.

## Waste Management and Keep California Beautiful® Team Up to Help Manhattan Beach Schools “Go Green”

Manhattan Beach Unified School District (MBUSD) received some help “going green” from Waste Management and Keep California Beautiful. MBUSD is one of 20 community recipients of Waste Management’s 2008 Keep America Beautiful Target City Awards program, a national initiative

designed to improve communities and promote sustainability. The Target City Award in the amount of \$5,000 was distributed evenly among all seven of the MBUSD’s schools to promote and enhance current sustainability programs and efforts. Below is the breakdown of how each school used their funding:

SCHOOL	PROJECT
Mira Costa High School	Revitalize on-campus recycling program.
Manhattan Beach Middle School	Fund an on-campus “Green Day” event.
Grand View Elementary	Provide additional funding to the school’s science specialist to promote environmental awareness.
Meadows Elementary	Purchase a composter and biodegradable bags.
Pacific Elementary	Continue to promote their “Go Green- Keep it Clean” campaign & start a Green Ambassador program.
Pennekamp Elementary	Purchase a composter and add recycling containers on playgrounds.
Robinson Elementary	Develop a recycling education program.

“This special Waste Management awards program is a powerful catalyst for education and environmental stewardship,” said Matthew M. McKenna, President and CEO of Keep America Beautiful, Inc. “This kind of support is critical to helping keep our country clean and beautiful and to educating people about important quality of life issues.”



“Waste Management is committed to being a good partner with the community and our schools. This is a great opportunity to assist the City and help teach sustainability to tomorrow’s leaders,” said Vickie Wippel, Community Relations Manager for Waste Management.

### About Keep America Beautiful, Inc.

*Keep America Beautiful, Inc., established in 1953, is the nation’s largest volunteer-based community action and education organization. This national nonprofit forms public-private partnerships and programs that engage individuals to take greater responsibility for improving communities. For additional information, visit [www.kab.org](http://www.kab.org).*

## 75 PERCENT RECYCLING GOAL BY 2012

On January 16, 2008, Calabasas City Council adopted Resolution No. 2008-1111 setting a new recycling goal of 75 percent by 2012, making Calabasas the second California City (after San Francisco) and the first city in Southern California to set such a high goal. Imagine a world in which nothing goes to the landfills or incinerators. Calabasas City Council believes it’s achievable and is doing everything they can to make it happen in the residential, commercial, institutional, and government sectors.

Today, City of Calabasas recovers more than 55 percent of the materials it discards, bringing the city closer to its goal of 75 percent landfill diversion by 2012. The new council directive means that through collective effort of all residents and businesses, the city shall divert 5 percent more trash away from landfills to recycling facilities each year to achieve the 75 percent diversion goal.

continued on page 5

# Inglewood City Yard Sale

## Annual Event Helps Residents Clean House, Earn Money, and Help the Environment

On Saturday, May 3, 2008, the City of Inglewood hosted its annual citywide yard sale. The yard sale is made possible by a Target City Award from Waste Management and Keep America Beautiful. Inglewood is one of 20 national community recipients of this award, which is designed to improve communities and promote sustainability. Susan Moulton, Waste Management Director of Public Sector Services states, "People may not realize that this Yard Sale is an excellent way for Inglewood residents to reduce, re-use and recycle. This year, the Yard Sale helped keep approximately 10,000 items out of the landfill by resale or donation after the event."

This year, the event also included bottle and can recycling, and was also litter free, with the help of Inglewood Police Activities League youth volunteers.

"The Yard Sale gave residents a great opportunity to clean out closets and earn some cash, or even find new treasures," explains Angela Williams, the City's acting Environmental Services Manager.

A free composting class was offered at the event and 4 composting bins were raffled to residents.

Local charities were on hand after the event to collect any unsold items, preventing them from going to landfills.

For additional information about this and future events, contact Georgia Smith, City of Inglewood, at (310) 412-5333.

