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AFFILIATE OF



NATIONAL
RECYCLING
COALITION
INC.
TM <http://www.nrc-recycle.org>

About us

The CRRRA is an organization of individuals, recycling centers, and companies pledged to the conservation of natural resources. The Association assists its members with their programs and conducts activities that will promote resource conservation by the people of California.

CRRRA CONFERENCE WRAP-UP ISSUE

CRRRA attracts 700 attendees to conference — big success Government Agencies and Private Sector Team up to Support Recycling

Ontario, CA – The California Resource Recovery Association (CRRRA), a state affiliate to the National Recycling Coalition conducted its 27th Annual State Conference at the Ontario Convention Center July 20-23, 2003. The event is recognized as the premier recycling focused conference in the state attracted 700 professionals engaged in reuse, recycling, composting and recycling market development.



The late Rick Best

CRRRA's annual members' meeting included a detailed discussion of a draft status report on the future of the organization. "The member feedback on the report and direction of the Board was very constructive. It was a great start to great conference," said CRRRA Board President John Davis. "The organization has taken a significant step in the right direction. We are back on track!" added Davis.

In an effort to fund CRRRA's ongoing activities, 33 sponsoring local and state agencies and private companies made contributions of money, needed products and services. Supporters have helped raised over \$150,000 in 2003. "Our sponsors are essential to CRRRA's viability and the California recycling industry. Special thanks to the City of Ontario, Burrtec Waste

Industries, Inc., City of Los Angeles, Riverside County Waste Management Department, Alameda County Waste Management Authority and Zero Waste Communities of San Bernardino County who are among the many partners of CRRRA that made this year's conference a big success," Davis said.

Highlights of the conference included plenary comments from Dr. Paul Connett, a chemistry professor from St. Lawrence University and an outspoken opponent of waste incineration. Penny Newman, Director of the Center for Community Action and Environmental Justice, shared her struggles to expose and remediate the Stringfellow Acid Pitts superfund site in Glen Avon in Riverside County, CA. Dr. Doug McKenzie-Mohr, an Environmental Psychologist, provided insight about the elements of an effective community-based social marketing program.



Waste Side Story finale

Conference sessions included Technical Council meetings on zero waste, college and university recycling, food diversion, construction and demolition, recycling coordinator roles, special venues recycling, and training for conservation corps and basic recycling.

See **CRRRA Conference**, page 5

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President's Message

Up the Glen

By John Davis, CRRA President

Another CRRA Conference is in the books. The feedback suggests that things went well, artistically and (most importantly in 2003) financially. Judi Gregory deserves one more spot of recognition for all her hard work on the details. Rick Anthony openly accepted responsibility for any program problems. He should have some credit for the successes as well.

With a month of hindsight, here's what stands out.

- The Members' Meeting was well attended and illuminating as we move to deal with issues facing CRRA. The shared candor, energy and respect seemed to be carried over through most of the Conference.
- The Sunday night reception was outstanding. Burrtec made things memorable with food, drink and entertainment. It seemed that nearly everyone drove or rode around the California Speedway in alternative fuel vehicles – and no one made a right turn.
- "I Want to be in Ontario" pretty well summed up Monday morning, as the welcoming and plenary speakers stirred things up. The rapid-fire afternoon legislative plenary showcased CRRA's technical council leadership and issues as they laid out the basis for a forward policy agenda.
- Penny Newman gave a stirring first-person history of environmental justice, centered only 10 miles from the Ontario Convention Center. If you want to learn more about what one determined person can accomplish (with help from her friends), check out <http://www.ccaej.org>
- The emotion peaked with CRRA's first annual Rick Best Environmental Advocacy award. Rick's parents and brother were there for the presentation on a glorious poolside summer evening. "Fire" engulfed the house.
- There is hope for my 32 gallons of 3-7 household (and collected litter) plastic. Steve Raigel offered to run it through an optical sort in North Carolina, and I am considering accepting to demonstrate what it takes to recycle California 3-7. Wednesday broke down into some outstanding tours and workshops. I collected my neighbor at Ontario Airport, and took her home to the Glen. 24 hours later I found a curbside parking spot right next to the Blue Coyote in Palm Springs, and it was all good.



President's Circle



Zerowastecommunities.org
of San Bernardino County



RecycleScene

Is printed on recycled paper and we use soy ink. The best way to recycle this newsletter is to pass it along to a friend!



Fund provided through grants from the California Department of Conservation and the California Integrated Waste Management Board in cooperation with the County of Riverside

Letter from the Editor

By Judi Gregory



Well, it's done and over. With the exception of a few minor details, thanks you letters and finalizing some accounting issues, Ontario has come and gone. I was really happy with the way the entire conference came together. Like anything, of course, we had a few snafos, for instance, the food for the Tuesday evening reception. I know that most everyone got food and had a great time, but I was at the end of the line, and like a few others, didn't eat that night. When all was said and done, the awards and entertainment helped me to forget about the food altogether.

It was great to see so many people. Old faces, new faces, and finally, the faces behind those phone calls and emails during the past months. I'd like to extend a final thank you to our sponsors, exhibitors, attendees, conference committee, board, staff, volunteers, vendors and everyone who participated to make this year's conference possible. Enjoy all the photos. Until next year....Thanks and Happy Reading.

CRRA Board Meetings

Saturday (July 19) - 2-5PM
Sunday (July 20) - 2-3PM

Motion: The minutes of the June 24 conference call were reviewed and approved by a unanimous vote of the Board.

Election Results and 2003/04 Board Positions
 The officers for 2003/04 term were opened and resulted in the following:

Motion: (Anthony/Gregory) for Davis to serve as President.
 Motion passed unanimously

Motion: (King/Schneider) for Cooley to serve as Vice-President.
Motion: (Anthony/Davis) for Gregory to serve as Vice-President.
 Judi elected not to run but thanked the board for the nomination. The motion for Cooley to serve as Vice-President passed unanimously.

Motion: (Gregory/Schneider) for Watts to serve as Secretary. The motion passed unanimously.

Motion: (Schneider/Anthony) for Collins to serve as Treasurer. The motion passed unanimously.
 The Board appointed Watts to serve as the NRC Liaison, Powers as the ARC Coordinator and King as the TC Liaison.

Motion: (Gregory/Schneider) to increase the T.C. Expense line in the Budget to \$2,000 for the Venues and Special Events Council. The motion passed unanimously. (King and Cooley absent)

ARC Contract
 The Board has asked ARC to extend its contract 60 days, separate from conference duties.

Sunday, July 20, 2003, 3:30-5PM

General Announcements/Schedule Changes – Rick and Judi
 Members expressed opinions regarding the status of CRRA and its direction including membership, benefits, cost and the future of the organization. It was noted that the Board members all volunteer time to serve CRRA and that many opportunities exist to help the organization. Minor program changes were noted and all were encouraged to attend the Welcome Reception sponsored by Burrtec Waste Industries at the California Speedway.

Elections, Boardmembers and Officers – John
 In addition to the re-election of Alec Cooley, Grahame Watts and Rick Anthony all the Boardmembers were announced. The members expressed support and appreciation to the Board.

Rick Best Award and Scholarship - John and Ann
 It was noted that the Best family would be present for the awards ceremony Tuesday night to accept the Best Award on Rick's behalf. The process for accepting funds for a Best Scholarship was discussed by the Board and members.

2004 Conference – Grahame and Alec
 It was announced that a committee has been created to receive and review proposals for the 2004 CRRA conference separate from the 2004 NRC conference in San Francisco. The role of CRRA, if any at the NRC conference is yet to be determined.

August Retreat – John
 The Board and TC Leaders will have a retreat at Sonoma County State University August 14 and 15, 2003.

CRRA Status Report – Grahame and Alec
 An overview of the report on the website was shared with the members and encouraged to review and comment on the draft report. The Board is expected to accept the report at the retreat and adopt an implementation schedule.

CRRA Dues Structure – John and Susan
 The process and cost of member services was discussed as part of a general discussion of the previously approved increase in dues. It was noted that no implementation schedule has been set.

Member Comments
 The 42 members present expressed support for the Board and requested the completion and posting of the status report and the overall accomplishments of the Board over the past year. Additional member comments included:

- A request to send a letter of acknowledgement to Bill Sheehan for past and current leadership was made. The Board agreed and will follow-up
- CRRA should partner with the CIWMB and the Recycled Products Show.
- How many members does CRRA have and is it increasing?
- Will the CRRA be part of the 2004 NRC conference in San Francisco?
- CRRA should do more training and certification programs like SWANA.
- CRRA needs to diversify into other areas such as land, air and hazardous waste issues to remain relevant and current with the changing industry.
- Where are the CRRA districts and can we have a map added to the website and newsletter?
- CRRA should create a TC for Green Building issues.

Conference Financial Statement

Income	
Advertising	\$1,800
Exhibits.....	\$35,818
Sponsorship/In-Kind	\$156,219
Registration.....	\$92,160
Tours/Events/Other	\$11,494
	\$297,491
Expense	
Audio Visual	\$9,440
Facility/Decorator	\$8,370
Food.....	\$25,525
Management Fee.....	\$46,044
Postage/Printing/Graphics	\$41,559
Special Events	\$11,874
Other*	\$17,496
	\$160,308
Net Income-subject to change	\$137,183

NOTFINAL *(Includes, bank charges, credit card fees, insurance, telephone, travel/lodging/misc expenses for speakers, staff and board members)

ATTENTION All Technical Councils
 TC Workplans are due by November 1, 2003. For more information, or to submit workplans, contact Lin King, TC Liaison at ltking@ucdavis.edu.

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The CRRA Conference and Waste Side Story

by Richard Anthony

The 2003 California Resource Recovery Association (CRRA) Conference was held in Ontario, California. The Southern California weather was warm and balmy, with clear skies. As the



The gangs unite in a final chorus of "Recyclers rule in Ontario and Zero's the goal in Ontario."

Monday morning the opening speeches were concluded, the Waste Side Story (Story by Doug Dorn) crew literally broke into the program (scene one) and began the first in a five scene choreographed musical presentation (Ruth Abbe/Shana Levy) "Zero's the goal in Ontario, What is your role in Ontario?"

Speakers Dr. Paul H. Connett (St. Lawrence University) and Anne Leonard (Global Alliance for Incinerator Alternatives) respectively defined the international movement towards zero waste communities and the struggle to eliminate toxics from our world environment. Dr. Dan Knapp (Urban Ore) introduced the methodology of



Tony Z'Best (John Hanscom) and Cool McCann (Rick Anthony)

getting to Zero Waste by dividing discards into twelve categories based on markets and processing equipment and developing resource recovery parks.

At the exhibit hall (scene two), Tony Z'Best (John Hanscom) and Cool

McCann (Rick Anthony) are planning to go to the dance and Alotta Rot (Tim Warner) sings "I feel pretty" and tries to interest Tony "...someday you will appreciate my appeal."

That night to the rock and roll sounds of the Fabulous Barona Blues Band at the Marriott Pavilion (scene three), the Recyclers and the Zeros disrupt the dance and to avoid a fight, Marina (Levy) teaches



everybody the Sorting line dance and Tony meets Marina.



the R Gang and the Zeros disrupted the event with challenges and a rendition of "Tonight, there is going to be a rumble to night."

Tuesday morning Penny Newman, a community organizer who was part of the local battle to cleanup the Stringfellow Acid Pits recounted her organizing experiences. Her story brought tears to some eyes. Dr. Doug McKenzie-Mohr (who has been working with recycling coordinators) spoke next about fostering sustainable behavior through social marketing programs.

The afternoon ended with a two-hour discussion on producer responsibility involving the audience, but not before the R Gang and the Zeros disrupted the event (scene 4) with challenges and a rendition of "Tonight, there is going to be a rumble to night."

See [CRRA Conference Wrap-up](#), page 6

CRRA Conference, continued from page 1

In addition to the world premier of the "Waste Side Story" as performed by NCRA and CRRA players, attendees were treated to the awarding of the first annual Rick Best Environmental Stewardship Award. Rick, a long time environmental advocate and CRRA member, passed away last year. CRRA has established a scholarship in his name, and an annual award to be presented to the individual that best represents environmental activism. Rick's parents (Skip and Barbara), and his brother Phil, were present to accept the award on Rick's behalf during a very emotional ceremony.

Among the other award winners recognized were: Recycler of the Year - Rick Anthony, Outstanding C & D Diversion Program - City of San Jose, Outstanding Public Outreach Program - Sonoma County Waste Management Authority, and Outstanding Organics Program - High Dessert and Mountain Master Composters. For a complete list visit www.crra.com.

CRRA was founded in 1974 and is a non-profit 501(C) 3 organization dedicated to promoting waste reduction, reuse, recycling, pollution prevention, composting and expanding the market for recycled content. CRRA is the largest state recycling organization in the country and has a diverse membership including government, business, non-profit, refuse/recycling companies and academia. CRRA is also a member of the National Recycling Coalition.

The CRRA is proud to be among the leaders of a shared global vision of recycling and sustainable solutions. As a CRRA member individuals, organizations and businesses demonstrate commitment to addressing challenges of sustainability, best resource use and environmental protection balanced with creating jobs in the resource industry. To learn more about an organization that is dedicated to keeping the preservation of the environment on the top of the State's agenda, visit www.crra.com

Successful Diversion at CRRA's Annual Conference

by Leslie Lukacs

Debra Allen, from the City of Ontario, and Leslie Lukacs, SCS Engineers and Venues and Special Events Recycling Council (VSE RC) chair, teamed together to develop and implement a comprehensive diversion program at the 2003 CRRA Annual Conference held at the Ontario Convention Center (OCC). Site-specific recycling programs were developed for both the Ontario Convention Center and Ontario Marriott. Recycling task forces teams were established at both facilities and included members from food services, event planning, cleaning, and management. Both facilities were given detailed recycling and source reduction instructions and were very receptive in implementing diversion programs per CRRA's request.

The City of Ontario provided the OCC and the Marriott Hotel with forty blue recycling bins that accepted co-mingled recyclables and ten green composting bins. Recyclable materials included paper (all grades), beverage containers, glass, aluminum, and plastic. Broken down cardboard was placed behind the bins. The recycling program also contributed to the OCC's permanent cardboard recycling program and the Marriott's permanent cardboard, white paper, and glass recycling program. The City of Ontario collected and transported all co-mingled recyclables to a local MRF.

Designated composting bins were provided to the OCC and placed behind the scenes as well as the convention center exhibit hall.



Accepted compostable materials included all types of food waste including meat, poultry, fruit, vegetables, and carbohydrates. Composting bins were also placed in each restroom to collect the paper towels. Access food was donated to local food banks. A total of 240

pounds of food scraps and 30 pounds of paper towel from the restrooms were collected and transported by Global Resources and taken to Community Recycling for composting.

Diversion totals have not been determined due to not receiving all the waste and recycling totals from both facilities. Linda Wade, Director of Catering from OCC, commented she was "amazed how little trash was generated through CRRA's source reduction and recycling practices". The Conference generated 2/3rds less trash as compared to an event of similar size. Thank you to everyone who assisted in making recycling such a huge success at the conference.

California Resource Recovery Association 2003 ANNUAL CONFERENCE

CRRA Conference Wrap-up, continued from page 5

That night the outstanding programs were recognized by CRRA and the R Gang and the Zeros again disrupt the show (scene five). Tony has second thoughts and the Gang sets him straight, "We're not a Gang, we're a movement." The Zeros show and the taunting begins, "If you're not for zero waste, then how much waste are you for?"

As the Gangs leave to prepare to rumble, Marina and Tony express their feelings in Zero My Hero (Levy) "...Of all the heros, it seems that only zero, is the goal that will do..."

The Gangs return when the ghost of landfill past present and future (Dorn) appears with his partner, Hotta Rot (Stefanie Pruegel) who has an easy way to reach zero "I can burn it clean and turn it green. And I am so easy..."

Tony is seduced. "Cremation or the tomb..." mocks the ghost of landfills. Marina, a women for the new millennium refuses to let this happen to "her man' and calls the gangs to fight their common foe. Hotta is melted with "zero waste water" and the ghost is buried by "ADC/green waste".

The gangs unite in a final chorus of "Recyclers rule in Ontario and Zero's the goal in Ontario."

On Wednesday morning there were still several hundred CRRA members ready to hear about the future of recycling, participate in the tours and attend organizing workshops. The zero waste movement is alive and well in California.



The ghost of landfill past present and future (Dorn) appears with his partner, Hotta Rot (Stefanie Pruegel)



Marina and Tony express their feelings in Zero My Hero (Levy)

CRRAConference Speakers and Sessions



John Davis, Mike Paparian, Darryl Young, Steve Raigel and Kate Krebs talk about the future of Recycling



John Davis airs his "dirty plastic"



Kate Krebs, John Davis, Krista Henkels & Judi Gregory



Darryl Young presents Gary Ovitt, Ontario Mayor with rebate check.

CRRAConference Sponsors and Exhibitors



John Davis, Darryl Young & Judi Gregory at DOC booth.



DOC (sponsor) staff at booth.



These new Rehrg recycle carts are able to handle all types of materials



Karen Coca and staff, President Circle Sponsor.

Sponsors and Exhibitors



Recycle Rex, Darryl Young and Iam Gregory



Michael Huls (sponsor), Ann Schneider, board member, John Davis, CRRRA President and Dave Hardy, Past CRRRA President.

CRRRA Conference Special Events

Everyone enjoyed the Opening Reception hosted by Burrtec (with open bar compliments of Rehrig) at the Speedway.



Tony Hainault, Nxtcycle, Jon Emerson, City of Redondo Beach, Leslie Lukas, SCS Engineers, Mark Lukas, Rokos Group, Marialyce Pedersen, Walt Disney Company, Barbara Wulf, City of Oxnard, Trish Honigsberg, City of Oxnard



Special thanks to the Burrtec crew: Eric Herbert, Jimmy Tatosian, David Roberti, Mark Wasserman and Mike Aragon.



Toni Moran, County of Ventura, Gail Kuafman, City of Thousand Oaks, MP, Disney Company



Parade of alternative fueled trash vehicles, including Burrtec, City of Ontario and Waste Management



Platinum Sponsor, City of Ontario, fueled up (alternative fuel) for the parade at the Speedway.

Tuesday Awards Night



Pre-show munchies around the pool



Presentation of the Rick Best Environmental Advocacy Award to Rick's parents and brother



CRRRA Board David Powers, Alec Cooley, Richard Anthony, Judi Gregory, Ann Schneider, Lin King, Susan Collins, John Davis (not pictured: Grahame Watts)

Story of the red shoes ...

Tom Jacobs (pic 1), Western Baler, started it off by writing on the silent auction bid form Mike Roberts' (pic 2) name for the "Red Shoes". Well, that bid won the shoes. Mike Roberts, IPS, paid to give those shoes back to Tom Jacobs. Tom Jacobs then paid to give them to Brian Mihm, Harris Group (pic 3). Brian paid to give them to H. West Equipment (not pictured)



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CRRA would like to apologize for the delays and shortage of food at the Tuesday Award Reception. CRRA hopes that you enjoyed the remainder of the evening, including the awards presentation and the finale of The Waste Side Story.

EPA SALUTES CRRA'S LEADERSHIP IN RESOURCE CONSERVATION!

Join us ...

- ➔ **Resource Conservation Challenge**
www.epa.gov/epaoswer/osw/conserv
- ➔ **WasteWise**
www.epa.gov/wastewise/
- ➔ **Plug into E-cycling**
www.pluginorecycling.org
- ➔ **Green Building**
www.epa.gov/greenbuilding
- ➔ **Jobs through Recycling**
www.epa.gov./jtr/



USEPA Region 9
Office of Pollution Prevention and Solid Waste
Call Heidi Hall, Manager • 415.972.3386
www.epa.gov/region9/waste/solid

"Outstanding Organics Program"



Thank You, CRRA.



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NATIONAL RECYCLING COALITION

NRC Board Election-Please Vote!

Unless you specifically opted out, you as a CRRA member are also an NRC member. Much like the CRRA elections, the NRC Board is about to conduct an election to fill three seats. The ballots have been mailed out to each CRRA member and they must be mailed back by August 30. The four candidates include Jim Bosch, Target Corporation (Incumbent), Steve Ragiel, Recycle America Alliance (Incumbent), Christine McCoy, Rural Community Assistance Programs, and Susan Kattchee, Alameda County Waste Management Authority. (Include candidate pictures from August issue)

The CRRA Board as the only California affiliate organization is allocated a block of votes based on the number of registered CRRA/NRC members. As done in the past, the CRRA Board will assign a percentage of its votes to one or more of the candidates. The NRC Board election will be on September 14 at the NRC conference in Baltimore, Maryland. To learn more about the candidates visit www.crra.com or contact gwatts@toaks.org prior to the NRC conference.

Senate Bill 20 (Sher)

The CRRA Board acted quickly to support SB 20 along with many other public agencies and the private sector. The CRRA has formally requested the NRC to take a position on the bill on behalf of CRRA and its members. As of press time the NRC Board has a no position stance on the bill. If you want to see the NRC Board take a position on this bill or other issues, its important that you let them know that by contacting NRC Board representative Stephen Bantillo, City of San Jose stephen.bantillo@ci.sj.ca.us or Kate Krebs, Executive Director katek@nrc-recycle.org

NRC 2004 Conference - San Francisco

Mark your calendar! The City and County of San Francisco will host next year's conference on August 29 - September 1 and CRRA will be part of the event. In addition to the NRC conference, the 2004 CRRA conference date and location will be announced shortly. If you have ideas or are able to volunteer time or resources, send an email to gwatts@toaks.org or visit www.crra.com for updates.

NRC BENEFITS



- Participate in national advocacy as part of the largest network of recycling representatives in the country.
- Attend this year's conference at a reduced rate
- Upon request, receive a free, one-year subscription to THE NRC CONNECTION quarterly newsletter and a free subscription to THE NRC NEWSWIRE, a monthly e-newsletter.
- Participate and learn about America Recycles Day activities nationwide at www.americarecyclesday.org.
- Utilize the "Members Only" section of the NRC Web site @ www.nrc-recycle.org and receive advance notice of new programs and services.
- Obtain the lowest subscription fees on recycling publications.

Unless specified, you are paying for the above-mentioned benefits as a CRRA/NRC member.

It's up to you to sign up and use them.

City and Industry Partner for Electronics Recycling Success

The City of Thousand Oaks has developed an infrastructure for collecting discarded electronics such as computers, televisions and fax machines through a public/private partnership. As part of that effort, the City partnered with Nxtcycle and several electronics manufacturers at a one-day Community Recycling Day over the Memorial Day weekend. Manufacturers contributing to the effort include JVC, Panasonic, Sharp and Sony Electronics. "We were very pleased with the efforts of Nxtcycle to make the connection for the City with the manufacturers," said Grahame Watts, City Environmental Programs Coordinator. "At the same time, we remain very disappointed that support is coming from consumer products manufacturers, but information technology companies are not helping local government to build the electronics recycling infrastructure."



The City's recycling program is recognized in California as a model residential recycling program for its innovation and high community participation. The City's electronics recovery program as developed with the public and private sector has proven to be very effective coupled with other recycling services listed on its website at www.toaks.org.

The City's effort to recover electronics includes a combination of drop-off sites, special events and curbside (scheduled bulky item pick-up) service from its two exclusive franchise refuse haulers. Along with over 300 tons of waste and recyclables collected at the May event, residents delivered more than 36,000 pounds of discarded electronics.

A LA CARTE, A LA PARK IS FIRST EVER ZERO WASTE EVENT OF ITS KIND

Major San Francisco Labor Day Weekend Event Uses All Compostables in Collaboration with SF Environment and Green Earth Office Supply

San Francisco — A La Carte, A La Park has adopted a groundbreaking "zero-waste" recycling plan that is a model for how special event recycling can help San Francisco meet its 75% refuse diversion goal by 2010.



The Waites

The three day gathering in Sharon Meadows at Golden Gate Park August 30-September 1 is expected to attract 35,000 people and will feature tastings from over 25 renowned San Francisco restaurants and top-notch musical entertainment. Without adequate recycling, an event of this size would generate a massive amount of refuse that ends up in a city landfill.

A La Carte's groundbreaking recycling program is comprehensive and includes the use of compostable cups and utensils, paper plates and paper serving dishes. All bottles, cans and cooking oil will be recycled and excess food will be donated to the homeless through Food Runners. Waste stations with compost, recycling and trash containers will be placed throughout the event and manned by volunteers from SF Environment. The Marin Conservation Corp will work as the clean-up crew to dispose of separated refuse.

"This year's zero-waste A La Carte, A La Park takes special event recycling to the next level and will serve as a model for other large consumer events in San Francisco," says SF Environment Director Jared Blumenfeld. "If they can do it with 35,000 people, 25 restaurants and numerous beverages being served, other events should give it a try."



Vonda Shepard

The availability and pricing of compostable cups and utensils makes A La Carte's zero-waste efforts possible this year. These biodegradable items don't have an adverse effect on the environment because they disintegrate in a short period of time. These products are considered the "holy grail" of special event recycling because non-recyclable plastic cups are in wide use today. The cups and utensils for A La Carte were purchased from Green Earth Office Supply, a vendor of reasonably priced compostable products.

A La Carte were purchased from Green Earth Office Supply, a vendor of reasonably priced compostable products.

For more information on special event recycling, Call SF Environment at 415/355-3700.

Effects of Household Products

The National Institutes of Health unveiled a consumer's guide that provides easy-to-understand information on the potential health effects of more than 2,000 ingredients contained in more than 4,000 common household products.

Some household products contain substances that can pose health risks if they are ingested or inhaled, or if they come in contact with

eyes and skin. The National Library of Medicine's (NLM) Household Products Database (<http://householdproducts.nlm.nih.gov>) provides information in consumer friendly language on many of these substances and their potential health effects. For more technical information users can launch a search for a product or ingredient in TOXNET from the Product Page in the database.



Take a close look at plastics

By Grahame Watts, City of Thousand Oaks
Public Works Department, gwatts@toaks.org, (805) 449-2453

Plastic is not always so fantastic. I am not suggesting that plastics be removed from society or that they do not play a vital role in protecting lives and in many instances making some tasks of our lives simpler and more convenient. It is however important to note that plastic, a petroleum based product is at times very wasteful and dangerous. What is most disturbing about plastic is that the industry and the American Plastics Council (APC) are doing little or nothing to improve the situation. Consider the following:

- The average recovery rate for all materials in the waste stream is 30 percent with the paper-recycling rate at 45 percent. The metals recycling rate is 34 percent and the glass recycling rate is at 23 percent. Why is the plastics recycling rate at a dismal 6 percent?
- Plastics represent one of the fastest growing sectors of the overall waste stream. Plastics generated sales in excess of 32 million tons in 1990 and over 52 million tons in 2000. That's an increase of over 20 million tons!
- Most plastics are not recycled. In fact of the seven types, only two PET (#1) and HDPE (#2) recycled in any real degree in California. The other plastics (#3 – 7) only contaminate PET and HDPE recycling, decreasing the market value of the sorted plastic. Contamination increases the cost of collection for local government through lost revenues and increased expenses.

As a manager of a city recycling program I know that the public is willing to do more but the question is whether the industry is prepared to do anything other than spend millions of dollars on slick advertising campaigns. The latest campaign by the APC uses humor and emotion to point out the role of plastics in safety and medical innovations. The \$19 million campaign (lowest amount spent in 11 years) uses four television, five radio and six magazines ads to be placed in nation, consumer-oriented media.

Clearly, more can be done but instead of pushing the issue aside and trying to get the public to believe plastic is the save all solution to safety, convenience and medical innovation, plastic pollution can and should be reduced. It has gotten so bad that recent evidence, as reported by the EPA has concluded that animals are ingesting plastic thinking its is food, which blocks the digestive track, imbeds in soft tissues and fills stomachs leading to either an inability to eat or no desire to do so.

It is time the manufacturers of plastic take an increased role and responsibility for the generation of plastics, especially wasteful and unnecessary packaging. Local government is done its part to set up a collection infrastructure, so its time APC do something to improve the plastics recycling market other than developing million dollar misinformation campaigns. To learn more, visit www.crra.com or www.cawrecycles.org, Sources: The Recycling Advocate, Californians Against Waste, Plastics Recycling Update, Resource Recycling

SCS Engineers Awarded Contract for Environmental Site Assessment of Closed Mission Bay Landfill

SCS Engineers has been awarded the contract to perform an environmental site assessment of a closed landfill located at Mission Bay in San Diego. Environmental Business Solutions, the San Diego office of SCS Engineers, will be instrumental in the project implementation.

SCS Engineers was retained by the City of San Diego for the \$500,000 project, with Ray Purtee serving as the City's project Manager. The site assessment is scheduled to be completed July 2004.

The scope of the environmental work will include a thorough forensic evaluation of available historical site data, which includes aerial photography, existing maps and reports, historical topographical maps, and operational data. Project work also includes the evaluation of previous site investigations and a subsequent field investigation.

The purpose of the evaluation is to characterize the nature and

extent of the landfill, while collecting data that will support an accurate ecological and human health risk assessment. The objectives of the risk characterization are to quantify potential risks posed by the landfill, and if found, to determine what can be done to mitigate the risks involved. SCS Engineers and Environmental Business Solutions will then identify several candidate risk-based remediation methods applicable to the site and the costs associated with each method.

The closed landfill occupies much of the 115-acre site in former wetlands near the mouth of the San Diego River along Mission Bay. From 1952 to 1959, the site operated as a municipal landfill and, from 1959-1969, the property received a hydraulic fill from the dredging of Mission Bay, with another hydraulic fill occurring in 1980. The landfill accepted municipal solid waste as well as liquid waste from industrial sources, which was a legal and common practice at the time. Under current state regulations, these liquid wastes would be considered hazardous waste and required to be disposed of at a Class I landfill that accepts hazardous wastes.



DOC Update

TRASHED: Bottle and Can Beach Display Available IN Southern California Beach Cities

In an ongoing effort to educate Californians about beverage container recycling, the Department of Conservation is making the "trashed" bottle and can beach display available for Southern California outreach events throughout this summer.

The beach display is a colorful, eye-catching representation of what it would be like at the beach if bottles and cans were left behind instead of deposited in a recycling bin. The display is accompanied by fact sheets designed to inform Californians about the importance of beverage container recycling and the possible negative effects "trashed" plastic, glass and aluminum containers can have on marine life. Click links to view the beach display in use at a "2002 Coastal Clean-Up" event and "2002 Heal the Bay" event.

For more information on how you can feature the "Trashed" Bottles and Cans Beach Display at your local beach/recycling event, please contact Sequoia Clare in writing at recyclingtips@consvr.ca.gov.



CIWMB Update

Office of Local Assistance Contacts Web Page Has Been Re-Designed

Have you ever needed to know the name and e-mail address of a jurisdiction contact? Have you thought about how to send information out to local governments? Have you wondered what Office of Local Assistance staff handles a particular jurisdiction? You can now find the answers to these questions and many more by visiting the re-designed Office of Local Assistance contacts Web page. www.ciwmb.ca.gov/OLA/Contacts.asp

"Recommendations of the Cal/EPA Advisory Committee on Environmental Justice to the Interagency Working Group on Environmental Justice" DRAFT REPORT The California Environmental Protection Agency (Cal/EPA) Advisory Committee on Environmental Justice is excited to announce the release of its Draft Recommendations to the Interagency Working Group on Environmental Justice document for public review. The Recommendations document is a report prepared by the Advisory Committee that covers specific areas in regards to Cal/EPA's legislative mandate. The Report is intended to provide a set of comprehensive recommendations to establish and implement an effective environmental justice program at Cal/EPA. Copies of the Report are available on the Cal/EPA Website at www.calepa.ca.gov/envjustice

Taking it to the streets! The road in Ontario is Choose to Recycle More

Residential Programs

- Appliance Recycling
- Bilingual Outreach
- Electronic Recycling
- Eleven Certified Centers
- Free Compost Bins
- Holiday Tree Recycling
- Permanent HHW Site
- Quarterly Newsletter
- School Assemblies
- Tire Recycling



Mayor: Gary C. Ovit
Mayor Pro Tem: Paul S. Leon
Council Members: Alan D. Wapner, Gerald A. DuBois,
Deborah S. Acker
City Manager: Gregory C. Devereaux
Director of Public Works: Kenneth L. Jeske

Commercial Programs

- Waste Assessments
- Recycling Routes
- Construction Recycling
- Greenwaste Route
- Fifteen WRAP Winners
- Pending C& D Ordinance
- Rendering Assistance
- Variable Bin Schedule

WEB SITE DIRECTORY

- Alameda County Waste Management Authority**
www.stopwaste.org
- Bay Area Recycling Outreach Coalition**
www.bayarearecycling.org
- Californians Against Waste**
www.cawrecycles.org
- California Integrated Waste Management Authority**
www.ciwmb.ca.gov
- California Plastics Markets**
www.caplasticsmarkets.com
- California Resource Recovery Association**
www.crra.com
- CalMax**
www.ciwmb.ca.gov/calmax/
- Conservatree**
www.conservatree.com
- Earth's 911-Environmental Recycling Hotline**
www.CLEANUP.org and www.Earth911.org
- Friends of the Earth**
www.foe.org
- GrassRoots Recycling Network**
www.grrn.org
- Green Seal**
www.greenseal.org
- Merced Co. Source Reduction/Recycling Web site**
www.mcag.cog.ca.us/recycle.htm
- National Recycling Coalition**
www.nrc-recycle.org
- Northern California Recycling Association**
www.ncrarecycles.org
- Refined Motor Oil Web site**
www.re-refined.com
- San Diego Earth Times**
www.sdearthtimes.com
- San Francisco Solid Waste Management Program**
www.sfenvironment.org
- San Mateo Recycleworks**
www.Recycleworks.org
- Second Chance Web site**
www.choose2use.org
- Solana Recyclers**
www.recycledproducts.org
- Steel Recycling Institute**
www.recycle-steel
- U.S. EPA**
www.epa.gov
- U.S. Green Building Council**
www.usgbc.org
- Worldwatch Institute**
www.worldwatch.org

UPCOMING EVENTS

September 2-4, 2003
Fifth California Scrap Tire Conference
 DoubleTree Hotel, Sacramento
 www.ciwmb.ca.gov/Tires/Events/Conference/2003

September 14-17, 2003
NRC's 22nd Annual Congress Expo
Baltimore Maryland
 www.nrc-recycle.org for more information.

**Check out the CRRRA Web site for a complete update of environmental events happening around the world at:
 www.CRRRA.com

ADVERTISING INFO

Grab the California prospects you need with an ad in CRRRA's **RecycleScene**

Ad size, rates & dimensions

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4-Time Rate Non-Members.....	\$900.00

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1-Time Rate Non-Members.....	\$200.00
4-Time Rate Members	\$450.00
4-Time Rate Non-Members.....	\$600.00

1/4 Page
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1-Time Rate Members	\$100.00
1-Time Rate Non-Members.....	\$140.00
4-Time Rate Members	\$300.00
4-Time Rate Non-Members.....	\$400.00

1/8 Page
Dimensions: 3-1/2 x 2"

1-Time Rate Members	\$50.00
1-Time Rate Non-Members.....	\$100.00
4-Time Rate Members	\$150.00
4-Time Rate Non-Members.....	\$300.00

Camera-ready preferred in QuarkXpress, with art and fonts on a Zip or CD.

For more information, or to place and ad, call Judi Gregory
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