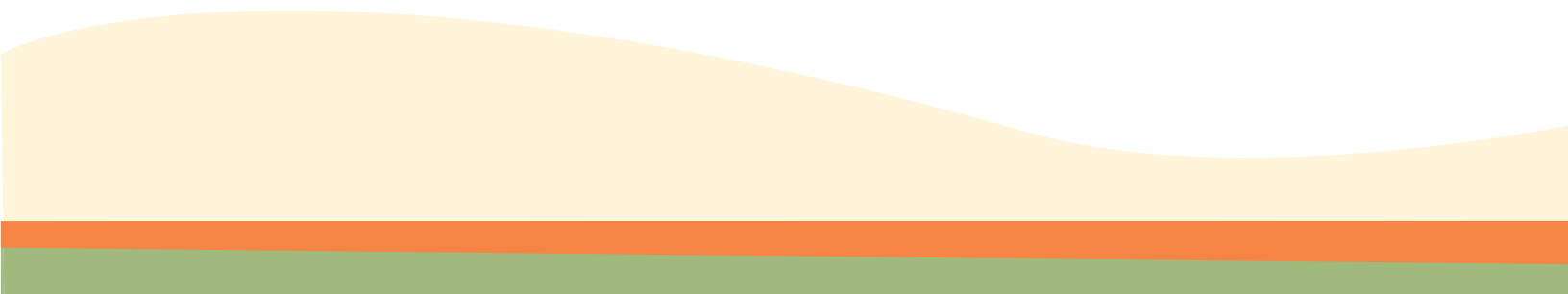
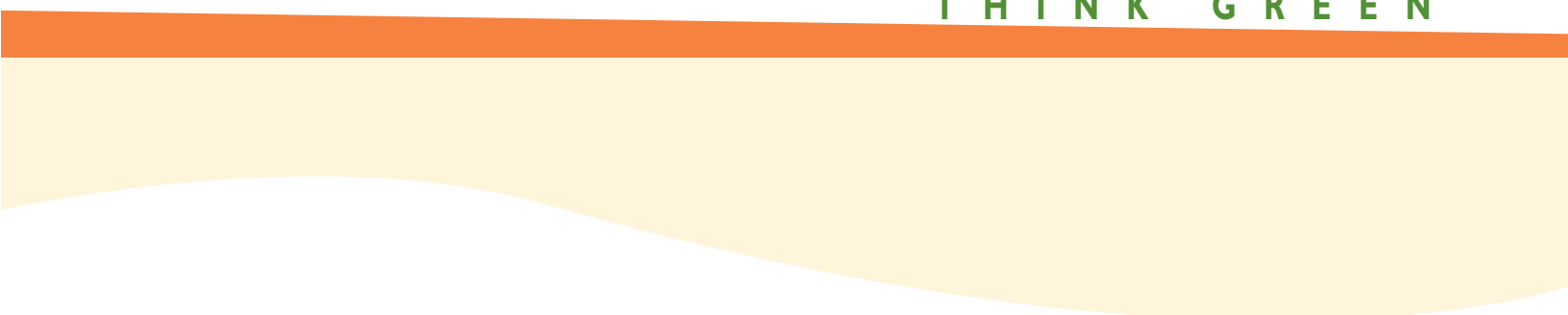


PASADENA

GREEN CITY REPORT 2009



THINK GREEN



A GREEN AND SUSTAINABLE COMMUNITY



GREEN CITY REPORT 2009

Cities around the globe face profound economic challenges that underscore the need to conserve dollars and resources. Saving alone, however, won't get us back to a healthy economy. In Pasadena, we can look to our Green City Plan for ways to accomplish cost savings while preserving our natural environment and nurturing economic growth.

Policies adopted by the Pasadena City Council call for energy efficiencies in buildings and commercial districts, less waste, cleaner transportation choices, and amenities that benefit our overall health. These measures are leading the City in a more innovative and promising direction.

We realize the importance of promoting an economy with standards for development and growth that include reducing our energy, water and natural resource consumption while employing new and greener technologies to meet consumer demand.

In 2009 a progressive new energy plan was adopted with strategies to meet 40 percent of the City's electricity needs using green and renewable power by 2020; to cut carbon dioxide emissions by 40 percent by 2020; and increase energy efficiency and reduce peak energy load by 10 percent by 2012.

The City also adopted a comprehensive water reduction plan and reached a 12 percent reduction in per capita water use. We saw a reduction in the amount of waste generated citywide by more than 39,000 tons.

In 2010 the City will retrofit 26 facilities and 100 city street lamps with the most energy-efficient lighting on the market, generating a reduction of 1.3 million kilowatt hours a year, and saving \$200,000 in annual energy costs.

These are just a few of the accomplishments and future actions highlighted in this fourth edition of the annual Green City Report. The City's sustainability efforts are supported by a strong foundation—our City Council has adopted progressive environmental policies and set high standards, and our community partners are committed to helping us reach our goals.

By developing bold strategies to achieve the goals of the City's Green City Action Plan, Pasadena plans to remain a leader in sustainable practices and policies for years to come.

Please visit www.cityofpasadena.net/greenity to learn more.

Michael J. Beck
City Manager

PASADENA

PASADENA GREEN CITY PROGRESS REPORT CARD YEAR END 2009

The accomplishments in this 2009 Green City Report are indices of the progress made towards implementing the 21 Actions of the Green City Action Plan, which follows the framework of the United Nations Urban Environmental Accords. Cities that have successfully implemented actions will be recognized by the United Nations as a Green City on World Environment Day 2012, with a ranking determined by the number of actions completed.

URBAN ENVIRONMENTAL ACCORD ACTION	ACHIEVED	LIKELY	UNDETERMINED
ENERGY			
1. Renewable Energy			
2. Energy Efficiency			
3. Climate Change			
WASTE REDUCTION			
4. Zero Waste			
5. Manufacturer Waste			
6. Recycling			
URBAN DESIGN			
7. Green Building			
8. Urban Planning			
9. Environmental Jobs			
URBAN NATURE			
10. Green Space Access			
11. Tree Canopy			
12. Habitat Protection			
TRANSPORTATION			
13. Public Transportation			
14. Clean Vehicles			
15. Traffic Congestion			
ENVIRONMENTAL HEALTH			
16. Toxics Reduction			
17. Organic Foods			
18. Air Quality			
WATER			
19. Potable Water Conservation			
20. Water Source Protection			
21. Waste Water Reduction			
TOTALS	8	10	3

The status of each of the 21 Actions is based on an assessment by the Green Team as follows:

- "undetermined" if there are data, reports, or parameters missing to make a determination
- "likely" if it is anticipated to be achieved by the target year
- "achieved" if the stated goal has been met





ENERGY

The City is saving energy; decreasing its reliance on coal; increasing its renewable, clean sources of energy such as wind and solar; and reducing greenhouse gas emissions.

GREEN CITY ACTION GOALS

UEA 1 — Renewable Energy

Increase the use of renewable energy to meet 10% of the City's peak electric load by 2012.



ACCOMPLISHMENTS

- In 2009 Pasadena**
- Adopted a new 20-year energy plan setting significantly higher targets for renewable energy (green power), greenhouse gas reductions, solar installations and energy efficiency.
 - Increased its state-qualifying renewable energy to 8%.
 - Completed a contract to purchase 6 megawatts (MW) of wind power.
 - Completed a contract to purchase 6.6 MW of energy generated from waste conversion at the Ameresco Chiquita Landfill.
 - Saved a total of 22,060 MWh of energy - 13,766 MWh in the commercial sector; 338 MWh in municipal buildings and 7,956 MWh in the residential sector.
 - Provided 16,000 energy efficient compact fluorescent light bulbs.

UEA 2 — Energy Efficiency

Reduce the City's peak electric load by 10% by 2012.



NEXT STEPS

- Reduced peak power demand by 5.42 MW annually through residential and business energy programs.
- Doubled the number of rebate assisted solar installations citywide from 26 to 52.
- Launched a Solar Installation Map on the PWP website showing approximate locations of solar installations in the City.
- Began construction on a "building-integrated" solar canopy for a new bus shelter at the Lake Avenue Metro Gold Line stop.
- Reduced energy and roof maintenance costs through the installation of "cool roof" coatings at City facilities. Cool roofs reflect damaging ultraviolet and infrared sunlight, reducing environmental impact.
- Prepared a Greenhouse Gas Emissions Inventory for the years 1990 and 2007, and projections of emissions for 2020.

UEA 3 — Climate Change

Reduce greenhouse gas emissions by 25% by 2030.



NEXT STEPS

- Reduce Pasadena's reliance on coal-fueled power and meet 15% of the City's electricity needs with green power by 2010 and 40% by 2020.
- Expand energy efficiency and load reduction programs.
- Install at least 19 MW of solar power systems by 2024.
- Cut greenhouse gas emissions 40% by 2020 through renewable energy purchases.
- Introduce a new energy reporting system for PWP customers that uses their energy profile to develop individual recommendations, offers and rebates.
- Initiate an energy efficiency lighting retrofit project to replace existing light bulbs with LED bulbs in 26 City facilities and 100 City street lamps, generating a reduction of 1,300 MWh a year and saving \$200,000 in annual energy costs.

WASTE REDUCTION

Through new and ongoing recycling programs and continued outreach and education to Pasadena residents and businesses the City continues to divert waste from landfills and increase its recycling rate.

GREEN CITY ACTION GOALS

UEA 4 — Zero Waste

Achieve zero waste to landfills and incinerators by 2040.



ACCOMPLISHMENTS

- In 2009 Pasadena**
- Reached a 21% reduction in per capita solid waste disposal from the FY05 baseline year.
 - Diverted 66% of the City's waste from landfills.
 - Placed 40 Big Belly Solar Compactors throughout the City. The environmentally sound trash containers compact the waste using solar power, resulting in fewer service pick-ups and reduced GHG emissions.
 - Collected over 68,000 pounds of electronic equipment for recycling at two electronic waste collection events.
 - Recycled over 31 million pounds of debris material from private and public construction projects in Pasadena.
 - Recycled 1,100 gallons of motor oil from residents through the curbside oil collection program.

UEA 5 — Manufacturer Waste

Reduce the use of a disposable, toxic or nonrenewable product category by at least 50% by 2012.



NEXT STEPS

- Distributed 350 sharps disposal containers to residents with medical conditions requiring self-injections to safely dispose of used medical "sharps" such as needles, syringes and lancets.
- Partnered with California cities for the preparation of a Master Environmental Assessment (MEA) to document single-use plastic and paper bags. The MEA will serve as the basis for Environmental Impact Reports required for the development of ordinances placing restrictions on single-use bags.
- Reduced municipal paper waste through the implementation of the Pay/Code direct deposit system to process vendor payments for Section 8 housing payments. Electronic payments are more secure, save money, and conserve resources by eliminating printing and mailing checks.

UEA 6 — Recycling

Implement "user-friendly" recycling and composting programs with the goal of reducing by 20% per capita solid waste disposal to landfills and incineration by 2012.



NEXT STEPS

- Complete a Zero Waste Strategic Plan with specific strategies to reduce waste by 75% by 2015 and 100% by 2040.
- Adopt a resolution supporting Extended Producer Responsibility, which advocates for manufacturers to take more responsibility for the product at the end of its life and to ensure the proper disposal and/or recycling of those products.
- Develop recommendations on programs to reduce single-use carryout bags and reduce use of polystyrene food take-out containers.
- Amend the Construction & Demolition Debris Ordinance to increase recycling requirements for construction projects.
- Partner with local tree trimming companies to provide free mulch to Pasadena residents.
- Reduce paper waste and improve efficiencies by implementing a new method of paying the City's bills with the Works™ "Card Shuffler."



URBAN DESIGN

The City is planning for its future with sustainability in mind, balancing infrastructure and resources with land use development, transportation, affordable housing, a healthy economy and improved quality of life.

GREEN CITY ACTION GOALS

UEA 7 — Green Building

Mandate a green building rating system standard that applies to all new municipal buildings.



UEA 8 — Urban Planning

Advance higher density, mixed use, walkable, bikeable and disabled-accessible neighborhoods which coordinate land use and transportation with open space systems for recreation and ecological restoration.



UEA 9 — Environmental Jobs

Create environmentally beneficial jobs in low-income neighborhoods.



URBAN NATURE

The City is increasing its open space, preserving critical wildlife habitat corridors and increasing recreational space for public use.

GREEN CITY ACTION GOALS

UEA 10 — Green Space Access

Ensure that there is an accessible public park or recreational open space within 1/2 kilometer of all residents by 2015.



UEA 11 — Tree Canopy

Conduct an inventory of existing canopy coverage in the City and then establish a goal to plant and maintain canopy coverage in not less than 50% of all available sidewalk planting sites.



UEA 12 — Habitat Protection

Protect critical habitat corridors and other key habitat characteristics from unsustainable development.



ACCOMPLISHMENTS

In 2009 Pasadena

- Launched a major update to the General Plan Land Use and Mobility Elements, which will likely include integrating sustainability and coordinating smart growth planning principles.
- Made significant progress on the update of the General Plan Open Space and Conservation Element, developing a draft vision statement and principles, and launching ongoing community outreach programs to engage City residents and community groups in the process of updating the element.
- Completed the Americans with Disabilities Transition Plan, which coordinates the updates to 13 individual existing plans for parks, parking structures, public libraries, community centers, fire stations and municipal buildings, to improve accessibility for people with disabilities.

NEXT STEPS

- Identify potential mitigation measures to offset any net growth in water use associated with new development. Develop recommendations for new and infill development requirements and contribution to water conservation goals.
- Bring forward recommendations on a fixture replacement program for water conservation.
- Adopt the Greenhouse Gas Inventory and Reduction Plan. The reduction plan will be used to develop greenhouse gas thresholds of significance for environmental review of new development and infrastructure projects as well as serve as a technical resource for the General Plan Land Use and Mobility Elements updates.
- Retain 100% of intersections identified by the ADA Commission with audio and tactile fixtures by 2015.

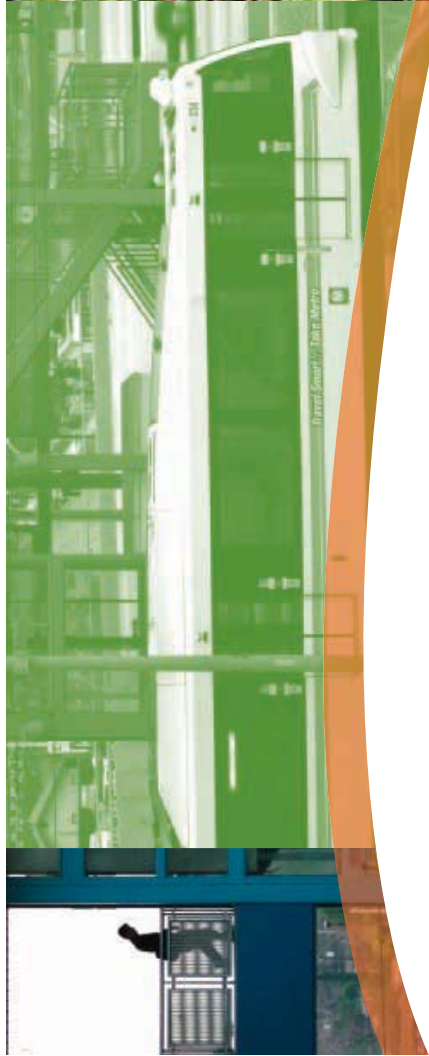
ACCOMPLISHMENTS

In 2009 Pasadena

- Acquired the 20.6-acre Annandale Canyon Estates property as permanent open space.
- Developed training for field staff to raise awareness about the Arroyo Seco and its unique characteristics and maintenance requirements.
- Secured \$351,600 in funding for habitat restoration in the Arroyo Seco.
- Restored four acres of habitat in the Arroyo Seco.
- Restored 2,120 linear feet of hiking trails in the Arroyo Seco.
- Began the Bird Sanctuary Renovation Project which will preserve an existing bird sanctuary built in 1935 as a bird resting spot in the Lower Arroyo.
- Initiated plans for native habitat restoration in the Lower Arroyo Seco.

NEXT STEPS

- Complete review of each streetscape plan area for consistency with the Master Street Tree Plan and Environmental Goals.
- Adopt revisions to the Tree Protection Ordinance to increase the protection of urban forest and to emphasize selection of climate-appropriate and native tree species.
- Adopt the Hahamonga Master Plan Addendum adding the 30-acre Hahamonga Annex to the Hahamonga Watershed Park Master Plan.
- Implement habitat restoration projects in the Lower Arroyo Seco.
- Install kiosks at major entrances to the Arroyo Seco with interpretative and user-friendly information including maps, trail guides, resources, recreational opportunities, and natural resources at each location.
- Design and develop trails for public access within the newly acquired Annandale Canyon Estates Open Space property.



TRANSPORTATION

Pasadena continues to develop an integrated multimodal transportation system, expanding greener transit alternatives that provide choices and accessibility for everyone living and working in the City.

GREEN CITY ACTION GOALS

UEA 13 — Public Transportation
Expand affordable public transportation coverage to within 1/2 kilometer of all City residents by 2015.



UEA 14 — Clean Vehicles
Phase down sulfur levels in diesel and gasoline fuels, use advanced emission controls on all public fleets to reduce particulate matter and smog-forming emissions from those fleets by 50% by 2012.



UEA 15 — Traffic Congestion
Implement a policy to reduce the percentage of commute trips by single occupancy vehicles by 10% by 2012.



ACCOMPLISHMENTS

In 2009 Pasadena

- Launched the update of the General Plan Mobility Element, enhancing the discussion of how roadways will be designed to safely accommodate all users, including bicyclists, pedestrians, transit riders, motorists, children, seniors and disabled persons, and the role of the transportation network, in achieving the City's sustainability goals including how traffic and local greenhouse gas emissions can be reduced.
- Launched the update of the Bicycle Master Plan, which includes goals to increase opportunities for bicycle recreation and commuting, improve bicycle safety and parking, and creating a network of bikeways for every neighborhood.
- Adopted a resolution urging LA County MTA to expedite funding for the Gold Line Extension Project to begin construction in 2010.
- Completed construction of a compressed natural gas (CNG) fueling station which will serve the City's fleet of 21 Public Works vehicles and 2 public transportation buses.
- Increased the City's electric vehicle fleet from 13 to 20 vehicles.
- In partnership with the Pasadena Rotary, Metro Gold Line's Memorial Park Station, to help orient newcomers to Pasadena and provide directions to visitors and residents looking for dining, shopping, entertainment or other features within walking range of the station. Another kiosk is located at Del Mar Station, and more are in the planning stages.
- Installed the first electric vehicle charging station for a multi-family residential complex at the Westgate Apartments, a green building project.
- Retrofitted 28 diesel fleet vehicles with particulate traps to reduce smog forming emissions from those vehicles, with a goal to retrofit 100% of all diesel fleet by 2012.

NEXT STEPS

- Complete a Travel Demand Model to evaluate the transportation system network and modal alternatives; provide information on traffic generated on City streets; and support the updates of the General Plan Land Use and Mobility Elements.
- Complete the Bicycle Master Plan.
- Develop a program for managing traffic speeds on major streets.
- Install 20 additional electric vehicle chargers throughout the City.
- Increase frequency of the ARTS (Area Rapid Transit System) bus service to the Gold Line.
- Evaluate the feasibility of a streetcar system for the City which would connect key commerce districts and encourage non-auto travel.
- Enhance pedestrian safety by replacing existing pedestrian signal heads citywide with countdown pedestrian signals. Countdown pedestrian signals provide pedestrians with an indication of how much time is left when crossing the street.

ENVIRONMENTAL HEALTH

The City is improving human health and well-being by adopting green cleaning practices, reducing toxic products, restricting smoking and lowering emissions of City fleet vehicles.

GREEN CITY ACTION GOALS

UEA 16 — Toxics Reduction

Every year identify one product, chemical or compound that is used within the City that represents the greatest risk to human health and reduce or eliminate its use by the municipal government.



UEA 17 — Organic Foods
Support the public health and environmental benefits of locally grown organic foods. Ensure that 20% of all City facilities (including schools) serve locally grown and organic food by 2012.



UEA 18 — Air Quality

Establish an Air Quality Index (AQI) to measure the level of air pollution and set the goal of reducing by 10% by 2012 the number of days categorized in the AQI range as "unhealthy" or "hazardous."



ACCOMPLISHMENTS

In 2009 Pasadena

- Approved a new law to protect residents from tobacco-related secondhand smoke in outdoor public areas and events.
- Developed a toxins inventory of chemicals, compounds, and products used within municipal operations and developed hazards assessment criteria to determine which products should be replaced with less toxic alternatives or phased out.
- Approved an incentive payment for gardeners who use low-emission, low noise leaf blowers, and provided enhanced training, outreach and enforcement of the City's leaf blower ordinance to reduce the environmental impacts from leaf blowers.
- Adopted an ordinance requiring all major Rose Bowl events to use non-polluting buses for their contracted shuttle services.

ACCOMPLISHMENTS

- Completed the installation, testing and certification of Phase II Enhanced Vapor Recovery (EVR) System at four City-owned unleaded fuel dispensing sites, mitigating emissions at those sites. The EVR equipment is designed to collect gasoline vapors that would otherwise escape into the air during fuel deliveries and vehicle refueling.
- Hosted a public roundtable discussion on organic and locally grown food with representatives from Pasadena Unified School District, Aveson Charter School, Pasadena Farmers Market and the Center for Food & Justice. The roundtable provided participants with a forum to strategize on opportunities to expand the use of locally grown and organic food in school cafeterias.

NEXT STEPS

- Develop criteria for selecting safer "greener" alternatives to toxic products used within municipal operations.
- Initiate electronic data entry of hazardous materials at City facilities in accordance with new California State reporting parameters.
- Document Integrated Pest Management (IPM) practices.
- Retrofit 100% of diesel vehicles in the City fleet with air particulate traps.
- Identify sensitive receptor sites as part of the General Plan Update.
- Gather and analyze Air Quality Management District data for gas turbine emissions in the City.



WATER

The City is implementing ordinances and programs which encourage residents, businesses and institutions to modify their everyday habits to conserve water.

GREEN CITY ACTION GOALS

UEA 19 — Potable Water Conservation
Reduce per capita water consumption by 10% by 2015.



Likely

UEA 20 — Water Source Protection
Protect the ecological integrity of the City's primary drinking water sources.



Likely

UEA 21 — Wastewater Reduction
Adopt municipal wastewater management guidelines; reduce the volume of untreated wastewater discharges by 10% by 2012.



Likely

ACCOMPLISHMENTS

In 2009 Pasadena

- Reduced per capita water use to 175 gallons daily, reaching a 12% reduction in FY09 from the FY05 baseline year of 199 gallons daily per capita water use.
- Adopted a Comprehensive Water Conservation Plan which sets goals for reducing citywide water use by 10%, 20% and 30% in years 2015 and 2020 respectively and details six major strategies for achieving water use reduction.
- Adopted a Water-Waste Prohibition and Water Storage Plan Ordinance.
- Enacted Level 1 Water Storage Measures, including a three-day watering limit from April through October and a one day watering limit from November through March.
- Adopted a budget for the construction of the first phase of a recycled water distribution system for landscape irrigation, designed to conserve millions of gallons of drinking water every year.
- Incorporated new technology into municipal facilities to reduce water usage.
- Allocated \$35,000 for affordable housing toilet retrofits.
- Increased distribution of high efficiency showerheads and shower timers.
- Provided a new water savings rebate for synthetic turf.
- Increased the rebate for qualifying weather-based irrigation controllers to \$160 - about half the cost of most models.
- Established a Citywide irrigation crew to prioritize and address irrigation problems.
- Installed weather based automatic irrigation controllers at City parks and landscaped areas.
- Renovated City landscaped areas with water conserving drip irrigation systems.
- Reduced irrigation schedules at all City sports fields and other turf areas and eliminated irrigation during the winter months.
- Developed and adopted a Water-Waste Management Plan to meet the City's future water demands in a sustainable manner.
- Implemented phase one of the citywide recycled water system project and extend pipeline from Glendale to bring recycled water from the Los Angeles/Glendale Water Reclamation Plant to irrigate Brookside Park & Golf Course and the Rose Bowl, saving enough drinking water to serve 2,000 Pasadena homes for a year.
- Adopt a Graywater Ordinance to guide the installation of commercial and residential graywater systems in the City.
- Provide water use audits to assist customers in identifying potential water use savings.
- Develop budget-based water rates to encourage conservation among large water users.
- Adopt and implement the State Landscape Efficient Water Ordinance Model.

Awards & Outreach

AWARDS

Los Angeles County Green Leadership Award for the City's Online Green Training Program for innovative initiatives that encourage sustainability.
Savvy Award
National Award for the City's Online Green Training Program for Communication & Marketing Tools in the Digital Interactive Issue Specific Website Category, recognizing outstanding local government achievements in communications, public-sector marketing and citizen-government relationships.

Los Angeles Chapter of the American Planning Association Awards
Special Awards of Merit for Innovation in Community Planning for the City's Online Green Training Program and the Green City Action Plan - the City's blueprint for environmental stewardship.

The Conference of Mayors City Liability Award
Special Award of Merit for Pasadena's Online Green Training Program.

Los Angeles County Metropolitan Transportation Authority (METRO) Diamond Awards
Award for Outstanding Marketing Program for the City's Prishtare Program logo, new marketing materials and intranet web pages.

2009 California Municipal Utilities Association Community Service/Resource Efficiency Award
Award for the City's Energy Efficiency Partnering Program.

National Arbor Day Foundation and the National Association of State Foresters Tree Line USA Award
Award granted to the City for the seventh straight year in recognition of the public utilities protection and enhancement of the urban forest.

OUTREACH

Energy Efficiency Workshops
PWP partnered with the cities of Burbank and Glendale to present a series of free energy efficiency workshops for businesses to learn about the most recent innovations in Energy Management Systems.
Going Solar Workshops
PWP hosted ten solar workshops for over 400 residential and commercial customers covering solar topics and provided solar training for PV installers, building officials, and utility personnel.

Energy Efficiency Partnerships
PWP partnered with Pasadena Unified School District to reserve rebate funds for a plan to install new energy efficient equipment at 15 sites citywide, which when completed is estimated to save 3,000 MWh of energy annually and reduce demand by 1 MW.

Water Smart Workshops February-July 2009

PWP hosted a series of free Lawn and Garden Workshops for homeowners and gardeners to learn how to keep trees and shrubs healthy and create water smart gardens, install efficient irrigations and landscape with drought-tolerant plants.

Water Awareness Month — May 2009

Celebrating Water Awareness Month, PWP held a month long raffle, awarding one lucky customer every day with a brand-new smart sprinkler controller worth \$400. The devices save hundreds of gallons of water each year.

Public Power Day — October 2009

Celebrating Public Power Week, PWP held a tour of the power plant for over 150 Pasadena Unified School District students.

Low-Income Water Conservation Outreach — August through October 2009

Students from John Muir High School went door-to-door handing out water conservation educational materials, self-directed water use surveys and rebate and grant information to 500 single-family households in low and moderate income neighborhoods.

Hazardous Waste Collection Event

Pasadena Public Works in partnership with Los Angeles County hosted a hazardous waste collection event for residents. Over 44,919 gallons of hazardous waste was collected.

E-Waste Collection Events

Pasadena Public Works in partnership with E-Recycling hosted two electronic waste collection events and collected over 68,000 pounds of e-waste.

Composting Workshops

The City in Partnership with the Los Angeles County Department of Public Works hosted two compost workshops to educate the public on backyard composting, worm composting, grass recycling, water-wise gardening, and fire-wise gardening.

Outstanding Recycler Awards — November 2009

The City annually recognizes individual and organizations that make outstanding efforts to reduce the amount of waste disposed in landfills through innovative and comprehensive source reduction, reuse, and recycling techniques.

Oil Recycling Events

The City worked with Kragens, Pep Boys and Auto-Zone auto parts stores to host four Used Oil/Filter Exchange events.

Open Space & Conservation Community Fair — February 2009

Pasadena Planning & Development hosted an Open Space and Conservation Community Fair for the public to share their vision for the future of Pasadena's natural resources.

General Plan Update — Ongoing

Planning & Development and Transportation staff developed an extensive public participation and outreach program for the General Plan Update, including a speaker series, community workshops and an interactive website.

Bike Week — May 2009

The Department of Transportation hosted Bike Week Pasadena which featured a presentation on living a car-free life, a screening of the documentary "Contested Streets," bike salons, mini-workshops on shopping by bike and the All-Pasadena City Bike Ride.

Electric Vehicles

Selected to participate as part of a nationwide one-year field trial, the City received 7 BMW MINI-ES which emit 90 percent less carbon than a regular gas-powered mini and are 40 percent cheaper to fuel. As participants, City employees will drive the electric cars for a year and report back to BMW about the cars' functionality, reliability and performance.

Lawnmower Exchange Program — April 2009

Pasadena Public Health & the Department of Public Works co-sponsored a program of the South Coast Air Quality Management District providing residents the opportunity to exchange their gas lawn mowers for cordless, rechargeable, electric lawn mowers at greatly reduced prices.

Arroyo Discovery Days — Spring 2009

Public Works Parks & Natural Resources Division hosted a series of free events to help residents explore the past, present and future of the Arroyo Seco, featuring presentations and interpretative walks by environmental educators and historians.

Arroyo Seco Stream Restoration Project

The City premiered the documentary "A River's Journey to Rebirth," about the recent restoration of the Central Arroyo Seco stream, on 55 KPMX, the City of Pasadena's cable television channel, and on the City's website. The restoration included stream bank stabilization, erosion control, invasive species removal and measures to reduce the amount of pollution flowing into the stream.

Arbor Day — April 2009

Public Works Parks & Natural Resources Division hosted this event, where amateur arborists and budding botanists volunteered along with the City's Public Works crew and planted over 30 trees on Lake Avenue.

Greening the Earth Day — April 25, 2009

The City in partnership with the Armory Center for the Arts hosted this free family event which featured exhibits on everything green, entertainment, bicycle tours and arts activities.

Green Building Outreach — 2009

Green Building tours and presentations to a wide variety of groups and agencies were held throughout the year.



PASADENA
PLANNING & DEVELOPMENT
DEPARTMENT

www.cityofpasadena.net/greencity

626-744-7546

ACKNOWLEDGEMENTS

Many thanks to all who helped in the development of the 2009 Annual Report.

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