

## Attachment 2

### City of San Jose Environmentally Preferable Procurement Policy Successes: FY 2008 - 2009

Project	Project Description	Benefits (eco or other)
<b>Information Technology</b>		
EPEAT Computer Equipment Purchases	In FY 0809, San Jose purchased over 1,000 monitors and almost 1,200 CPUs that qualify for the comprehensive EPEAT environmental standard.	PCs that qualify for the EPEAT standard have better environmental performance than conventional PCs. Over their lifetimes, these purchases will save: <ul style="list-style-type: none"> <li>- 879,680 kWh,</li> <li>- 1,572,600 kg in primary materials,</li> <li>- 169,139 kg in GHG emissions,</li> <li>- 3,633,509 kg in air emissions,</li> <li>- 7,600 kg in water emissions,</li> <li>- 85 kg in toxic materials,</li> <li>- 83 kg of lead,</li> <li>- 3,000 kg of hazardous waste, and</li> <li>- \$83,000 in operating costs</li> </ul>
Computer Packaging improvements	Bulk packaging is now required for orders of 8 PCs or more.	- The new packaging option has the potential to reduce packaging waste by 75%.
Information Technology energy improvements	Procured computer models with power supplies that run at an efficiency rating of 85% or higher, up from the previous 80%.	- Energy conservation, - Reduced greenhouse gas emissions
<b>Green Fleet Administrative Policy</b>		
Police Patrol Vehicles	Piloting the use of ten Chevy Impalas as Police Patrol units.	- Improved fuel economy, - reduction in exhaust emissions, - lower acquisition price, and - 5yr 100,000 mile warranty

Non-aerosol propellant cleaning system	Utilizing refillable aerosol cans with compressed air as a propellant to clean car parts.	Reduces products entering the waste stream by eliminating disposable aerosol cans, - Improved air quality
Hybrid Conversion	Convert a Toyota Prius Hybrid to a plug-in PHEV vehicle for use in the parking control program.	Increases battery capacity and increases fuel economy potential to 100 MPG
<b>Product Changes and Pilots</b>		
MWS LED Flashlights	MWS has transitioned to rechargeable LED Flashlights from the use of disposable batteries.	- Less hazardous waste production; energy conservation
Rechargeable Battery Pilot	Being conducted in the Aviation Departments to determine the performance and feasibility of their use in more City applications.	- Less hazardous waste generation and potential pollution to local landfills
LED Streetlights	The City (DOT) converted 125 low-pressure sodium streetlights to LED (Light Emitting Diode) luminaires with communication and control system for the CDBG Green Vision Project – LED Streetlights Conversion.	- Energy conservation, - Reduced City’s operation and maintenance costs, - Greenhouse gas emissions reductions, and - Less hazardous waste disposal
Green Mobility Sidewalk Project	1. The City used a “green” concrete mix that replaced most of the cement (a significant greenhouse gas producer) with recycled materials such as blast furnace slag and fly ash. 2. Permeable pavers utilized in park strips.	- The concrete mix saved 390 pounds of cement per cubic yard compared to a conventional mix. It will become San Jose’s new standard for curb, gutter, sidewalk and ramp construction, potentially saving substantial CO <sub>2</sub> emissions annually, - Pervious pavers allow stormwater from the sidewalk to percolate through, reducing runoff and providing water to street trees.
Tow Truck Contract	Incorporated green language into the Bid.	- Trucks now use GPS for more direct routing, - Vehicle idle times are limited, - Office required to use Energy Star compliant equipment, - Use of 30% recycled paper (min), and - Motion sensor lights required rather than lights that stay

		on at their facility.
911 Call Center Furniture bid	Environmental specifications were included in the furniture solicitation for the new 911 Call Center.	The new furniture includes: <ul style="list-style-type: none"> <li>- 30-35% Recycled Steel,</li> <li>- 100% Non VOC emitting finish on metal,</li> <li>- 100% PCW Recycled Fabric,</li> <li>- 100% Recycled Particle Board (Cellulose Content)/Low to no VOC emitting,</li> <li>- 100% PCW recycled packaging, and</li> <li>- 60% recycled laminate surface material and low to no VOC-emitting adhesive.</li> </ul>
Furniture specification for Happy Hollow Park and Zoo	Incorporated environmental requirements into furniture specification that addressed recycled content, pollution prevention, and end of life management.	<ul style="list-style-type: none"> <li>- Improved resource conservation,</li> <li>- Less pollution generated, and</li> <li>- Less waste generated.</li> </ul>
Local organic foods and the Senior Meal Program	The Senior Nutrition Program procures local organic foods from two vendors.	<ul style="list-style-type: none"> <li>- Less pollution is generated in the production and transportation of food,</li> <li>- Local organic foods offer health benefits and preserve local agriculture, and</li> <li>- Appreciation from the program's participants.</li> </ul>
Team San Jose	Now utilizes compostable takeout containers and procures local organic foods from the Salinas Valley and Watsonville.	<ul style="list-style-type: none"> <li>- Reduces solid waste from disposables,</li> <li>- Less pollution is generated in the production and transportation of food,</li> <li>- Local organic foods offer health benefits and preserve local agriculture, and</li> <li>- Competitive advantage for the Convention Center.</li> </ul>
Goats and sheep utilized for weed management	Utilized to manage invasive weeds on 600 acres of City lands, up from 4 acres in 2007. Grazing is now continuous at the Water Pollution Control Plant.	<ul style="list-style-type: none"> <li>- Reduces the municipal use of herbicides,</li> <li>- Diminishes related pollution of waterways,</li> <li>- Avoids the use of gas-powered mowers and fossil fuels.</li> </ul>
Owl nesting boxes and Bat nesting boxes	33 barn owl nesting boxes and 8 bat nesting boxes were installed in parks and gardens to control gophers and	<ul style="list-style-type: none"> <li>- Reduces chemical controls for gophers and insects in City parks.</li> </ul>

	insects.	
Chlorine-free kitchen and bathroom paper products	Transitioned to using chlorine-free paper products (office paper is Chlorine-free as well).	- Avoids the generation of dioxin as these paper products breakdown in the wastestream.
San Jose Janitorial Team	Has made numerous product substitutions in cleaners, supplies such as trash bags, pesticides, and anti-graffiti products.	Less pollution generated, Better health and safety for visitors, janitorial staff, and office workers.
Air Fresheners	Phased out the use of traditional air fresheners in favor of those without volatile organic compounds (VOCs).	Better air quality in City facilities, Better health and safety for City workers.
City Printing Services	The City Print Shop now offers 100% post-consumer waste (pcw) paper for print jobs.	- Can reduce energy use, the use of virgin resources, and the generation of greenhouse gases, wastewater and solid waste.
<b>Aviation Department</b>		
VALE Grant (Voluntary Airport Low Emission) “Green Vehicle” purchases	Purchased 15 new electric vehicles (EV’s) to replace existing high emission gasoline vehicles.	Removes high emission gasoline powered vehicles currently assigned to the Airport fleet, Fewer carbon emissions, - Lower operating costs.
Bus fleet conversion completed	Replaced the fleet’s last 14 diesel buses with buses that run on concentrated natural gas (CNG).	Avoids the air quality impacts associated with diesel buses: somewhat lower nitrous oxide (NO <sub>x</sub> ) and substantially fewer particulate emissions, Received a National Natural Gas Vehicle Achievement Award.
Airport RFP for Food, Beverage & Retail Concessions	Environmental implementation Guidelines developed for concession vendors.	- These guidelines help vendors identify environmentally preferable products such as takeout containers and janitorial products they can use as well as green practices to reduce their environmental impacts.
<b>Leading by Example</b>		
Salinas EP <sup>3</sup> presentation Spring 09	Gordon Johnson presented to Salinas City staff on San Jose’s EP <sup>3</sup> initiatives.	- Enhances San Jose’s leadership image in environmental procurement.
ABAG EP <sup>3</sup> Workshop March, 2009	Sam Liccardo spoke on the elected official’s panel.	- Enhances San Jose’s leadership image in environmental procurement.

ABAG EP <sup>3</sup> Workshop March, 2009	Procurement Manager Walter Rossmann presented on City EP <sup>3</sup> work.	- Enhances San Jose's leadership image in environmental procurement.
California Association of Professional Purchasing Officers - Presentation in January, 2009.	Procurement Manager Walter Rossmann presented on City EP <sup>3</sup> work.	- Resulted in several calls from various cities asking for more info on how San Jose implements EP <sup>3</sup> . Enhanced the City's leadership image.