

**COUNTY OF SACRAMENTO
PROTECTING THE ENVIRONMENT INITIATIVES**

Dept./Submitter	Initiative	Category
All Departments	Purchase only hybrid sedans for pool vehicles	Energy Savings
EMD/Val Siebal	Not only use 30% recycled paper content, but also recycle paper, cans bottles and aluminum; recycle printer cartridges and e-waste; collects expended batteries for proper disposal.	Recycling
EMD/Val Siebal	All documents are imaged and website accessible to the public.	Energy Savings
EMD/Val Siebal	Several staff take alternative transportation, including cycling	Energy Savings
Revenue Recovery	Turn on only one-half of all available lights; installed window blinds and sun lights to keep out the heat in summer and let in natural light and heat in winter.	Energy Savings
Revenue Recovery	Donate funds from recycling bottles and cans to various charities, including SPCA	Recycling
SCAS	<u>Jet Fuel Pipeline and Tank Farm Installation</u> – By installing the Jet Fuel Pipeline at Sacramento International Airport, between 25 and 30 daily diesel powered tanker truck deliveries of jet fuel have been eliminated. By doing so it has eliminated more than 6,000 pounds of NOx emissions annually and earned the Sacramento County Airport System an Environmental Recognition Award for 2006 from the Sacramento Environmental Commission.	Energy Savings Reduced Emissions
SCAS	<u>Jet Bridge Modification for 400 Hz Power and Preconditioned Air</u> – This program eliminates the need for aircraft parked at a gate to utilize the onboard Auxiliary Power Unit for electronics systems and air conditioning. By eliminating the use of the APU, this eliminates the burning 34 gallons of jet fuel per hour of operation for a Boeing 737. If 100 aircraft per day eliminated the use of the APU, there would be an annual NOx reduction of 10 tons per year.	Reduced fuel demand. Reduced carbon emissions.
SCAS	<u>Inherently Low Emission Airport Vehicle (ILEAV) Pilot Program Location</u> – Sacramento International Airport was a demonstration airport for the FAA	Reduced carbon emissions. Ozone friendly

	<p>ILEAV Pilot Program which gave airports an opportunity to deploy low emission technology and to evaluate performance in the airport environment. The total budget of the program was \$3,790,097. This program included not only the conversion of airline ground service equipment to electrical power, but also included the replacement of 20 diesel powered busses with Compressed Natural Gas (CNG) busses. All busses at Sacramento International Airport are now CNG powered. This program showed appreciable reductions in emissions of NO_x, HC, Ozone, CO, PM₁₀ and SO₂.</p>	Reduced fossil fuel demand.
Planning & Community Development	<p><u>Swainson's Hawk Ordinance</u> Sacramento County's Swainson's Hawk Mitigation Program is one option applicants may use to mitigate for impacts to Swainson's Hawk foraging habitat. When impacting Swainson's Hawk habitat, the applicant has the option to either pay a fee or provide a title or easement for suitable Swainson's hawk habitat on a per acre basis.</p> <ul style="list-style-type: none"> • Projects less than 40 acres have the option of fee payment or to provide title or easement • Fee payment is \$16,000 per acre for land acquisition • Projects greater than 40 acres must provide a title or easement • All projects pay \$500 administration fee • All projects must pay operations and maintenance fee: <ul style="list-style-type: none"> ○ \$2375 per acre for projects using fee option ○ No greater than \$3500 per acre for projects delivering title/easement 	Environmental Protection
Planning & Community Development	<p><u>Wetlands Trust Fund</u> Sacramento County's General Plan calls for no-net loss of wetlands in the County. When wetlands impacted by a project are not covered by a U.S. Army Corps of Engineers' Section 404 Permit, the applicant may pay a fee to the County's Wetland Trust Fund. The \$35,000 per acre fee for unmitigated/uncompensated wetland impacts is deposited into the trust fund and used by the County to purchase easements suitable for wetland mitigation.</p>	Environmental Protection
Planning & Community Development	<p><u>South Sacramento Habitat Conservation Plan (SSHCP)</u> The SSHCP is a regional tool designed to address growth, habitat preservation, and regulatory compliance</p>	Environmental Protection

	by consolidating wetland and endangered species interests and addressing them in a coordinated, predictable manner. The SSHCP provides mitigation costs and constraints up front, promotes large scale conservation, and protects agricultural lands and operations. The Study Area encompasses 365,000 acres in south Sacramento County and includes the unincorporated County and the Cities of Rancho Cordova, Elk Grove, and Galt. The SSHCP covers 41 species of plants and animals including 12 that are listed as threatened or endangered. Through the SSHCP, the potential impacts to sensitive species are authorized in exchange for well designed preserves.	
Planning & Community Development	<u>American River Parkway Plan (ARPP)</u> The American River Parkway is an open space greenbelt which extends approximately 29 miles from Folsom Dam at the northeast to the American River's confluence with the Sacramento River at the southwest. The ARPP provides a guide to land use decisions affecting the Parkway, specifically addressing the Parkway's preservation, use, development, and administration. The ARPP was written to ensure the preservation of the natural environment while providing limited developments to facilitate human enjoyment. The 1985 ARPP was updated in 2006 and is currently with the County's Department of Environmental Review and Assessment for preparation of an environmental document	Environmental Protection
DGS Fleet Services Division	Use reusable oil filters on a good portion of the heavy fleet	Recycling
DGS Fleet Services Division	Use remanufactured oil that is as good or better than virgin oil because it goes through the cracking process and is not just filtered and refreshed with more additives	Recycling
DGS Fleet Services Division	Use recycled antifreeze; recycle used antifreeze	Recycling
DGS Fleet Services Division	Use hot water type parts washers instead of solvent-based parts washers. Water is then filtered and only filter material needs disposal.	Environmental Protection
DGS Fleet Services Division/Waste management and Recycling Department	Fleet Services maintains 107 Liquid Natural Gas Waste Management collection trucks.	Energy Savings; environmental protection
County Facilities	Building temperatures kept to the County set standard of 68 in winter/80 in summer.	Energy Savings
County Facilities	Solar water heating in Main Jail	Energy Savings
County Facilities	Sun screens on windows at the Courthouse	Energy Savings

County Facilities	Heat reflective roofing materials	Energy Savings
County Facilities	Purchase remanufactured paint for use in some County facilities	Environmental Protection
County Facilities	Scrap metal 132 tons; used vehicle batteries, 4,244 each; large size used vehicle tires, 4,846 each	Recycling
County Facilities	Automated lighting controls throughout interior and exterior of	Energy Savings
County Facilities	Refrigerant recovery and recycling program (mi	Minimize ozone depletion
County Facilities	Recycle batteries (NiCad, alkaline, nickel, lithium, lead acid), computer components, mercury switches, magnetic and PCB ballasts	Recycling