

**Monrovia Environmental Accords - Energy**

Update - Jan. 2008

Concentration Area		Action #	Action	Baseline	City Department	Fiscal Year	Proposed Projects Project Description	Priority 1-2-3
Energy	1	<b>Renewable Energy -</b> <i>Adopt and implement a policy to increase the use of renewable energy to meet ten percent of the city's peak electric load by 2015.</i>	<b>City Inventory:</b> One solar street light located at City Hall Parking area.		Public Works	FY 07-08	<b>Informational Research with Utility Companies</b>	1
							Obtain assistance from local utility companies for their recommendations to meet this goal.	
							<b>Mid-Year Update</b> Public Works is working with Southern California Edison and the Intergy Corporation. They have selected Monrovia to become a Model City and City Council passed a resolution in December 2007 to participate. SCE and Intergy will conduct an energy audit of all City Facilities. The audit has already begun and will result in a complete baseline of actual renewable energy use and an energy master plan of how the City can increase its use of renewable energy.	

**Monrovia Environmental Accords - Energy**

Update - Jan. 2008

Concentration Area		Action #	Action	Baseline	City Department	Fiscal Year	Proposed Projects Project Description	Priority 1-2-3			
Energy	2	Energy Efficiency - Adopt and implement a policy to reduce the city's peak electric load by ten percent within seven years through energy efficiency, shifting the timing of energy demands, and conservation measures.	<p>City employees currently work 4/10 and 9/80 work schedules.</p> <p>HVAC units are being replaced during capital improvement projects with more energy efficient units.</p> <p>City utilizes Honeywell Light Building Solutions system which provides remote reading and information logged into a consolidated energy management system.</p> <p>Administrative Policy for telecommuting.</p> <p>Title 24 requires lighting and energy use in new projects or remodels.</p> <p>Title 24 AB Switches and motion sensors are installed in City Hall and the office portion of Community Services. These systems are included in the Corporate Yard and Fire #1 renovation.</p>	Public Works	FY 07-08	<p><b>Streetlight Energy Efficiency</b></p> <p><b>Description:</b> The City owns and maintains over 1300 streetlights. Through new technology it is possible to reduce energy costs by 25% Staff will research and determine what systems will be best suited for our systems.</p>	1				
						Mid-Year Update					
				Public Works is working with Southern California Edison and the Entergy Corporation. They have selected Monrovia to become a Model City and City Council passed a resolution in December 2007 to participate. SCE and Intergy will conduct an energy use audit of all City Facilities. The audit will result in a complete baseline of actual renewable energy use and an energy master plan of how the City can increase its use of renewable energy. The energy efficient lighting in Old Town will result in an monetary rebate according to SCE.							
				Public Works	FY 07-08	<p><b>Energy Saving Lighting Solutions</b></p> <p><b>Description:</b> As light bulbs burn out replacements will be with the new energy saving compact fluorescent bulbs. Also, explore</p>	1				
						Mid-Year Update					
				Compact Florescent Lights (CFL) are being replaced wherever possible as bulbs burn out. Model City Program may result in energy rebates from SCE or other sources. One such area where CFL's are being used is in the City Council Chambers.							
				Admin., PW & CD	FY 07-08	<p><b>T5 Bulb Replacement Project</b></p> <p><b>Description:</b> Staff to explore the use of T5 bulbs for new facility remodel projects (ex. City Hall and Library)</p>	1				
						Mid-Year Update					
				<p>City hall remodel has not yet begun. Management will recommend the use of T5 lighting, the most energy efficient bulb on the market. The new Library will use T5's as part of the LEED program. T5 bulbs were placed in the temporary Library Facility and they are also being designed into the new Library under construction.</p> <p>T8 bulbs were placed in the renovated Fire Station 101 and the Corporate Yard Administrative Offices. These lights are more efficient than the T12 bulbs previously used.</p>							
				Admin., PW & CD	FY 07-08	<p><b>Green Build Energy Efficient Buildings</b></p> <p><b>Description:</b> City will promote Green Builds and material choices (ex. City Hall and Library) Staff to explore the used of solar tubes and natural lighting in all new projects or remodels.</p>	1				

**Monrovia Environmental Accords - Energy**

**Update - Jan. 2008**

Concentration Area		Action #	Action	Baseline	City Department	Fiscal Year	Project Description	Proposed Projects	Priority 1-2-3
					<b>Mid-Year Update</b>				
					<p>Community Development has a draft ordinance that will require new construction or redevelopment of buildings 5,000 square feet or more of new gross floor area to use the LEED (Leadership in Energy and Environmental Design) Green Building Rating System. The ordinance requires that a LEED checklist and supporting documentation be used to determine minimum LEED certified level. The check list is composed of different types of materials and how its used to meet LEED requirements. The Ordinance is complete in draft form and is being reviewed by CD Staff and will submitted to the Planning Commission for their consideration in 2008. Additionally, the feasibility of an incentive based LEED certified program is being researched.</p> <p>Public Works is working with Community Development's draft Green Build Ordinance to make recommendations for the use of solar tubes in upcoming City Projects and re-models.</p> <p>The City has begun a regular Going Green column in Monrovia Today and will be devoting an entire page to it and related articles in each issue.</p>				
					Public Works	FY 07-08	<b>Voltage Regulators for Street Lights</b> <b>Description:</b> City will study if the use of energy efficient voltage regulators for street lights are applicable SCE rebates.		1
					<b>Mid-Year Update</b>				
					<p>The Model City program will provide an energy master plan. Additionally, SCE has determined rebates are available though use of voltage regulators.</p>				
					All Departments	FY 07-08	<b>City Energy Conservation Competition</b> <b>Description:</b> Educational program coupled with a department competition to reduce energy consumption.		1
					<b>Mid-Year Update</b>				
					<p>Community Development staff is meeting with the utility companies (Edison, Gas Co) for future schedule workshops for Commercial and residential. Workshops may begin in mid March thru September 2008.</p> <p>Fire Department is researching ways to evaluate department performance and developing a friendly inter-departmental competition to conserve energy.</p> <p>The Police Department is developing training memos at scheduled intervals providing information on ways to conserve energy in the workplace. Recognition and awards program for conservation efforts will be made at these scheduled intervals.</p>				

**Monrovia Environmental Accords - Energy**

Update - Jan. 2008

Concentration Area		Action #	Action	Baseline	City Department	Fiscal Year	Proposed Projects Project Description	Priority 1-2-3
					All Departments	FY 07-08	<b>Energy Saving Equipment Purchases</b> <b>Description:</b> All new computers, office equipment and appliances purchased would require Energy Star designation.	1
<b>Mid-Year Update</b>								
City-wide, any new electronic equipment purchased is Energy Star designation.								
The City's purchasing policy will be amended to include energy conservation and green products. (ex. printers, copiers, and computers, appliances).								
					Human Resources	FY 07-08	<b>Examine Alternative Work Schedule / Telecommuting Policy</b> <b>Description:</b> City to explore expanding alternative work schedules and telecommuting.	1
<b>Mid-Year Update</b>								
No action on this project at this time.								
					Community Development	TBD	<b>Public Incentives for Energy Conservation</b> <b>Description:</b> Develop a public incentives program for energy conservation through for LEEDS/Green Building or similar program.	3
<b>Mid-Year Update</b>								
Researching feasibility of LEED certified incentive program. Considering monetary incentives for each LEEDs level (Gold, Silver, Platinum), expedited plan review at no extra cost, Economic Development Discount Rate, Energy Star Appliance, and/or use of Solar Energy.								

**Monrovia Environmental Accords - Energy**

Update - Jan. 2008

Concentration Area		Action #	Action	Baseline	City Department	Fiscal Year	Proposed Projects Project Description	Priority 1-2-3
Energy	3	<b>Greenhouse Gas Emission -</b> <i>Adopt a citywide greenhouse gas reduction plan that reduces the jurisdiction's emissions by twenty-five percent by 2030, and which includes a system for accounting and auditing greenhouse gas emissions.</i>	<b>City Vehicle Inventory:</b> Community Services - 1 EV-RAV4 Police Department - 1 Segway  Paper Savings: Human Resources - Eliminate use of paper by oral panels and using laptops.  Admin Services - Employee Newsletters are presently emailed.	Admin. Services, Public Works, Community Development, Fire & Police	FY 07-08	<b>LEV/ULEV/SULEV Vehicle Purchase Policy</b> <b>Description:</b> City to develop Administrative Policy to incorporate LEV, ULEV, or SULEV and alternative fuel vehicles into its fleet purchasing, replacement and retrofit program.	1	
						<b>Mid-Year Update</b>  Public Works Staff has met with members of the Green Team to initiate a Purchasing Administrative Policy to lower greenhouse gas by purchasing hybrid or alternative fuel vehicles. The City of South Pasadena has a purchasing policy which interests the Green Team as a possible example for implementation.  The Police and Fire departments are also planning LEV, ULEV, or SULEV or alternative fuel vehicles for upcoming non-emergency vehicle replacements and is evaluating feasibility for alternative fuels for all future vehicle replacements.		

# Monrovia Environmental Accords - Energy

Update - Jan. 2008

Concentration Area	Action #	Action	Baseline	City Department	Fiscal Year	Project Description	Proposed Projects	Priority 1-2-3
--------------------	----------	--------	----------	-----------------	-------------	---------------------	-------------------	----------------

**Monrovia Environmental Accords - Waste Reduction**

Update - Jan. 2008

Concentration Area		Action #	Action	Baseline	City Department	Fiscal Year	Proposed Projects	Priority		
Area	#	Action	Baseline	City Department	Fiscal Year	Project Description	Priority	1-2-3		
Waste Diversion	4	<b>Waste Diversion</b> <i>Establish a policy to achieve seventy-five percent diversion to waste disposal methods by 2015.</i>	City's 2005 Annual Report to CIWMB reported 52% diversion rate.  Current city programs include: C&D recycling, residential and commercial recycling, recycling of landscaping materials in city parks, residential composting, public education and outreach on waste minimization and recycling.	Public Works & Admin. Services	FY 07-08	<b>Increase City Facility Diversion to 50%</b> <b>Description:</b> Explore opportunities to increase the diversion rate of City Facilities and projects to 50% within 7 years. (15% each year)	1			
				<b>Mid-Year Update</b>						
				Exploring various options to include City facility recycling. At Public Works administrative offices using blue recycling containers. Staff is currently working on recycling services for City Hall facility.						
				Fire Station 2 now has a vermicomposting (worm composting) bin for food compost.						
				Staff has made more information available via City Website to reduce the number of printed brochures distributed.						
Staff is currently researching several waste disposal, recycling and composting options to increase city facilities diversion.										
Departments to phase out Styrofoam and other items that are not readily recycled.										
Admin. Services	FY 07-08	<b>Bi-monthly utility billing</b> <b>Description:</b> Reduce paper and energy waste by converting from monthly to bi-monthly billing cycle for all residents. Recognize efficiencies with respect to energy consumption and paper waste savings to be determined.	1							
<b>Mid-Year Update</b>										
Finance will look at bi-monthly billing once new system features have been fully implemented (Start of FY08-09).										

**Monrovia Environmental Accords - Waste Reduction**

Update - Jan. 2008

Concentration Area		Action #	Baseline	City Department	Fiscal Year	Proposed Projects Project Description	Priority 1-2-3
				Admin. Services, PIO	FY 07-08	<b>Electronic payment program</b> <b>Description:</b> Implement an Automated Clearing House (ACH) program for making electronic payments to vendors instead of cutting manual checks and to accept electronic payments from customers for services billed through our accounts receivable system.	1
Mid-Year Update							
Utility Billing customers already have the choice to use ACH program. Additionally, web-based payments for UB customers will be implemented in the next several months. Accounts Receivable should shortly follow, most likely at the beginning of FY 08-09. Accounts Payable electronic transfers to vendors depends on the willingness for the business and some Munis function.							
				Public Works	FY 07-08	<b>Old Town Contract Expires 2008</b> <b>Description:</b> Evaluate new contract options, including increased recycling services for Old Town businesses.	1
Mid-Year Update							
Staff currently researching contract options for the Old Town franchised area.							

**Monrovia Environmental Accords - Waste Reduction**

Update - Jan. 2008

Concentration Area		Action #	Baseline	City Department	Fiscal Year	Proposed Projects	Priority
Area	#	Action	Baseline	City Department	Fiscal Year	Project Description	1-2-3
Waste Diversion	5	<b>Manufacturer Responsibility -</b> <i>Adopt a Municipal Code Ordinance that reduces the use of a disposable, toxic, or non-renewable product category by at least fifty percent by 2015.</i>	The City participates in Funding Factory program to recycle toner and ink jet cartridges.	Public Works, Human Resources	FY 07-08	<b>Materials Elimination Study</b> <b>Description:</b> Comprehensive study to determine types of materials that may be considered for elimination (eg. plastic bags, Styrofoam, fertilizers).	2
				<b>Mid-Year Update</b>			
				No action on this item. Departments have begun phase-out of non-renewable products such as Styrofoam.			
				Public Works	TBD	<b>Promote Manufacture Responsibility (EDR) or Take It Back Programs</b> <b>Description:</b> Instead of establishing battery recycling program or tube take back program - Work with local businesses to take back products which are toxic they sell for recycling - promote those stores in environmental outreach material.	3
				<b>Mid-Year Update</b>			
Anticipated to begin work on project in FY 08-09.							

**Monrovia Environmental Accords - Waste Reduction**

Update - Jan. 2008

Concentration Area		Action #	Baseline	City Department	Fiscal Year	Proposed Projects	Priority	
Area	#	Action	Baseline	City Department	Fiscal Year	Project Description	1-2-3	
Waste Diversion	6	<p><b>Consumer Responsibility -</b>                      Implement a "user friendly" recycling and composting programs, with the goal of reducing by twenty percent per capita solid waste disposal by 2015.</p>	<p>The city currently hosts an annual composting workshops w/ LA County.</p>	Public Works	TBD	<p><b>Library Park Play Equipment</b>                      Description: Replacement of old play equipment with new products made of recycled materials. This project is listed as No.1 on the Parks Capital Projects List.</p>	2	
			<p>City subsidizes compost bins sales to residents.</p>	<p><b>Mid-Year Update</b></p>				
			<p>Christmas tree recycling program.</p>	<p>Parks Staff will seek Community Svcs Commission recommendation for new play apparatus at Library Park. Environmental Services staff prepared and submitted a Tire Derived Grant to the CIWMB requesting \$26,375 (partial funding) for playground surfacing made of recycled tires and tire stops for the Public Works Corporate Yard. Once apparatus design is complete, staff will seek City Council approval.</p>				
			<p>Promotes environmental education through a Department of Conservation grant to fund an annual Calendar Contest.</p>	Comm. Services	FY 07-09	<p><b>Paper Waste Reduction</b>                      Description: Community Service staff will place Recycle containers throughout the CS facilities and at Special Events.</p>	1	
		<p>The city provides public outreach through its website, quarterly newsletter and at various community special events.</p>	<p><b>Mid-Year Update</b></p>					
		<p>The solid waste contractor currently provides a recycling container for commingled recycling.</p>	<p>Determining physical locations, and some placement of containers has been enacted.</p>					
		<p>2005 City diversion rate = 52%.</p>						

Monrovia Environmental Accords - Urban Design

Update - Jan. 2008

Concentration Area	Action #	Action	Baseline	City Department	Fiscal Year	Proposed Projects Project Description	Priority 1-2-3		
Urban Design	7	Green Building - Adopt a policy that mandates a green building rating system standard that applies to all new developments.	Community Development - Green building educational/information brochure.	Comm. Development	FY 07-08	<b>Green Build Educational Workshops</b> <b>Description:</b> Educational program to increase awareness and knowledge of Green Building Practices.	1		
				<b>Mid-Year Update</b> CD Staff has meet with the utility companies (Edison & Gas Co) to develop workshops for commercial and residential Green Building. Potential workshops to begin mid-March through September 2008.					
				Public Works	FY 07-08	<b>Low Impact Development (LID) Standards</b> <b>Description:</b> Related to NPDES and SUSMP Development requirements, LID to increase infiltration and, increase ability to manage pollutant of concern and reduce stormwater run-off	1		
				<b>Mid-Year Update</b> PW Staff will determine development requirements once new NPDES permit is issued. LID is currently suggested as a Best Management Practice in Public Works standard conditions for both construction and post-construction pollution mitigation.					

Monrovia Environmental Accords - Urban Design

Update - Jan. 2008

Concentration Area		Action #	Action	Baseline	City Department	Fiscal Year	Proposed Projects Project Description	Priority 1-2-3		
Urban Design	8	Urban Planning - Adopt urban planning principles and practices that 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.	<p>City has 5.8 miles of type II and III bikeways.</p> <p>The City is developing a Hillside Wilderness Preserve and Hillside Recreation Management Plan.</p> <p>City has approximately 1366 acres of Hillside Wilderness Preserve and Hillside Recreation areas.</p> <p>Colorado Commons, a mixed use development, is in close proximity to Old Town.</p>	Community Services Department		<p><b>Wilderness Preserve Management Plan</b></p> <p><b>Description:</b> Review recreation of Wilderness Preserve Management Plan and Hillside Recreational area.</p>	1			
				<b>Mid-Year Update</b>						
				Environmental Consultant (LSA Associates, Inc.) is working on Hillside Management Study. Once completed, the conservation and open space element will be updated (2009). Physical inventory of Hillside Rec (100%) and Hillside Wilderness Preserve (20%) complete. Once Hillside Recreation & Hillside Wilderness Preserve Management Plan is completed, will review and implement recommendations.						
				Administration, Community Development and Public Works	FY 07-08	<p><b>Transit Village Master Plan Development</b></p> <p><b>Description:</b> Develop a multi-use planned re-development including transit station, shopping complex, green belt and new City Park.</p>	1			
				<b>Mid-Year Update</b>						
				Land Use element to be adopted in January 2008 establishing Land Use Standards for Station Square Transit Village.						

Monrovia Environmental Accords - Urban Design

Update - Jan. 2008

Concentration Area		Action #	Action	Baseline	City Department	Fiscal Year	Proposed Projects Project Description	Priority 1-2-3		
Urban Design	9	Community - <i>Adopt a policy or implement a program that creates environmentally beneficial jobs throughout the community.</i>	<p><b>City Related Positions:</b> Canyon Park Staff, Environmental Services Staff, Downtown Caretaker, Park Maintenance and Volunteer Staff.</p> <p><b>City Related Programs:</b> (MAPP), Monrovia Garden Club, Dev. Of Env. Policy and University of Monrovia.</p> <p><b>Projects with Urban Design Element:</b> Live/Work units at Colorado Commons, Community Services Groups.</p>	Community Development	FY 07-08	<p><b>Additional Live/Work Units</b> <b>Description:</b> New development or redevelopment to encourage multi-use design efforts.</p>	1			
				<b>Mid-Year Update</b>						
				The General Plan is being changed to facilitate mixed-use development in three major transportation corridors, including a transit village, to provide sustainable, jobs, homes and transportation alternatives in appropriate locations, discouraging urban sprawl and encouraging pedestrians and users of public transportation. One mixed-use residential/commercial complex will open in Old Town within three months and a second, similar development will begin construction in mid-2008. Work on Station Square may also begin in 2008.						
				City Council	FY 07-08	<p><b>YES Program</b> <b>Description:</b> Summer youth employment program (YES)</p>	1			
<b>Mid-Year Update</b>										
More than 30 youths participated successfully in the program in 2007, its first year, and a similar if not larger number are anticipated in 2008. The HR Department will continue to coordinate, publicize and strive to enhance the YES Summer youth employment program.										

Monrovia Environmental Accords - Urban Nature

Update - Jan. 2008

Concentration Area		Action #	Action	Baseline	City Department	Fiscal Year	Proposed Projects Project Description	Priority 1-2-3			
Urban Nature	10		<b>Parks -</b> Ensure that there is accessible public parks, trails or recreational open space within half-a-mile of every city resident by 2015.	<b>City Park Inventory:</b> 7 city parks, Wilderness Preserve, Hillside Recreation Area, Trails off Sawpit and Santa Anita Washes  <b>MUSD:</b> 6 schools North of the 210 Fwy 2 schools South of the 210 Fwy  <b>Los Angeles County Parks:</b> Pamela Park and Peck Road Water Conservation Park  2005 Joint Use Agreement with MUSD	Community Services, Public Works	TBD	<b>River Trail System</b> <b>Description:</b> Research and develop recreational trail along Santa Anita Wash.	3			
					Mid-Year Update						
					No action has been taken at this time.						
					Community Services	TBD	<b>Joint Use Agreements with MUSD</b> <b>Description:</b> Develop agreement for green space use of MUSD	3			
					Mid-Year Update						
There is an existing agreement and no further action is needed at this time.											

Concentration Area		Action #	Action	Baseline	City Department	Fiscal Year	Project Description	Priority 1-2-3		
Urban Nature	11	<b>Habitat Restoration</b> Conduct an inventory of existing canopy coverage in the city; and, then establish a goal based on ecological and community considerations to plant and maintain canopy coverage in not less than fifty percent of all available sidewalk planting sites.	8555 existing city trees in inventory with a potential for 2,000 additional trees to be planted.  100 trees planted annually  Ultimate Action Goal will require 1,000 trees to be planted in City Parkways.	Public Works	FY 07-08	<b>The Great Clean Air Tree Planting Project</b> <b>Description:</b> Applied for AQMD Grant to provide for 150 tree plantings within City Parkways along Peck Road and El Norte.	1			
				<b>Mid-Year Update</b>						
				Project completed by volunteers on Make a Difference Day Event held on October 27, 2007.						
				Public Works, Community Development	TBD	<b>Underground Inventory</b> <b>Description:</b> Work with SCE in coordination with their Development plan for underground utilities. As utility lines are put underground, allow for larger tree canopy growth and more shade.	3			
				<b>Mid-Year Update</b>						
				Construction began January 2008 for undergrounding of SCE poles on Mountain Avenue from Huntington to Lemon Avenues. After completion, a street improvement will incorporate new street tree planting.						

Concentration Area		Action #	Action	Baseline	City Department	Fiscal Year	Proposed Projects	Priority 1-2-3		
Urban Nature	12	Wildlife - <i>Adopt a Municipal Code Ordinance, in compliance with local, state and federal laws and regulations, which protects critical habitat corridors and other key habitat characteristics (e.g. water features, and shelter for wildlife and use of native species, etc.) from unsustainable development.</i>	Management Plan Development  Wilderness Preserve and Hillside Recreation Area Ordinance 2000-06 Ordinance 2000-07  MMC, Chapter 6.30 - Feeding Wildlife Prohibited  MMC, Chapter 17.20.040 - Oak Tree Preservation	Community Services	FY 07-08	<b>Implement Hillside Wilderness Management Plan</b> <b>Description:</b> Community Services to implement the Master Plan for the Hillside Wilderness Preserve (HWP) and Hillside Recreation area.	3			
				<b>Mid-Year Update</b>						
				Municipal Code Ordinance in place, 100% of Hillside Recreation Area physical inventory complete, 20% of Hillside Wilderness Management Plan.						
				Public Works	TBD	<b>Review Native Species Tree Ordinance</b> <b>Description:</b> Review Native Species Tree Ordinance to expand the native species of trees that are protected.	3			
				<b>Mid-Year Update</b>						
				No activity at this time						

Monrovia Environmental Accords - Transportation

Update - Jan. 2008

Concentration Area	Action #	Action	Baseline	City Department	Fiscal Year	Proposed Projects Project Description	Priority 1-2-3			
Transportation	13	Public Transportation - Develop and implement a policy which expands affordable public transportation coverage within a quarter-mile of all city residents in ten years.	<p><b>Current Programs:</b> Dial-A-Ride, Downtown Trolley, Foothill Transit (4 lines on fixed routes) and Metro Buses (2 lines on a fixed routes).</p> <p><b>Note: Monrovia Meets Action #13 requirements</b></p>	Admin & Community Development	FY 07-08	<p><b>Gold Line Extension</b> <b>Description:</b> Extension of Gold Line through Monrovia to Claremont</p>	3			
				<b>Mid-Year Update</b>						
				Working regionally and nationally to accomplish this goal. Latest public relations campaign involved postcards to Secretary of Transportation seeking support.						
				Admin & Community Development	FY 07-08	<p><b>Seamless Multi-Modal System</b> <b>Description:</b> Prepare Trolley and Foothill Transit Study. Consider bus transfer station at Station Square.</p>	3			
				<b>Mid-Year Update</b>						
				The draft report has been completed by the consultant. Staff will incorporate additional data and analysis and will present final study to the City Council in early 2008.						
				Community Development & Public Works	TBD	<p><b>Bike Plan Feasibility Study</b> <b>Description:</b> Consider a feasibility study of installing Type 1 Bike Routes to City Transit Centers such as the metrolink station.</p>	3			
				<b>Mid-Year Update</b>						
				The Draft circulation Element will be reviewed by the City Council in January 2008, which incorporates strategies for improving mobility for bicycles. This could be used as the framework for future studies.						

Monrovia Environmental Accords - Transportation

Update - Jan. 2008

Concentration Area	Action #	Action	Baseline	City Department	Fiscal Year	Proposed Projects Project Description	Priority 1-2-3					
Transportation	14	Clean Vehicles - Implement Projects that phase down sulfur emission in diesel and gasoline fuels by fifty percent concurrent with using advanced emission controls on all buses, taxis, and public fleets to reduce particulate matter and smog-forming emissions from those fleets by fifty percent by 2015.	Clean Air Vehicle Inventory: Canyon Park's electric vehicle Police Department's Segway	Admin, Community Development, Community Services, Police, Fire, Public Works	FY 07-08	<b>LEV/SLEV Vehicle Purchase Policy</b>	1					
						<b>Description:</b> Develop within the Environmental Policy a fleet purchasing and replacement program to incorporate LEV or SLEV and alternative fuel vehicles into its fleet. Consider retrofit of large fleet and equipment.						
						<b>Mid-Year Update</b>						
						Public Works Staff has met with members of the Green Team to initiate a Purchasing Administrative Policy to lower greenhouse gas by purchasing hybrid or alternative fuel vehicles.						
						The Police and Fire departments are also considering the purchase of LEV, ULEV, or SULEV or alternative fuel vehicles for upcoming non-emergency vehicle replacements and is evaluating feasibility for alternative fuels for all future vehicle replacements.						
						Community Development	TBD	<b>Foothill Transit Conversion Project</b>	3			
						<b>Description:</b> Foothill Transit to begin converting fleet to CNG.						
						<b>Mid-Year Update</b>						
						The City does not have jurisdiction over Foothill Transit, however, Foothill transit has converted several of their fleet to CNG.						
						All Departments	FY 07-08	<b>Purchase of electric vehicle</b>	1			
<b>Description:</b> Purchase electric golf cart, with a deck to carry supplies, to be used for trips between City Hall facilities.												
<b>Mid-Year Update</b>												
Green Team Members have discussed and are research possible funding/grant options for a small electric vehicle/cart.												
The Police Department has purchased a T3 Personal Mobility Vehicle to transport one police officer on patrols of the Old Town area and the shopping centers around Monrovia. The T3 is an all electric powered three wheeled vehicle that is quiet, renewable electric powered and compact enough to fit into small places.												

Monrovia Environmental Accords - Transportation

Update - Jan. 2008

Concentration Area		Action #	Action	Baseline	City Department	Fiscal Year	Proposed Projects Project Description	Priority 1-2-3			
Transportation	15	<b>Reduce Congestion</b> <i>Implement a policy to reduce the percentage of commute trips by single occupancy vehicles by ten percent by 2015.</i>	<p>The city currently has a Ride-Share program that offers carpool coupons to employees. Monrovia is top 10% of LA County cities in participation and average is 1.7 riders per vehicle.</p> <p>Bus passes are offered at a discounted price for senior citizens and students.</p> <p>The City has a Park and Ride lot near the intersection of Duarte and Myrtle adjacent to the 210 Freeway.</p> <p>The City is in planning stages for the Gold Line Extension.</p> <p>The City offers modified works schedules of 4/10 and 9/80.</p> <p>Telecommuting Policy</p>	Human Resources	FY 07-08	<p><b>Expand Alternative Work Schedule / Telecommuting Policy</b></p> <p><b>Description:</b> City to explore expanding alternative work schedules and telecommuting.</p>	1				
				<b>Mid-Year Update</b>							
				No action taken at this time.							
				Police	FY 07-08	<p><b>Encourage Rideshare Partnership with other Jurisdictions</b></p> <p><b>Description:</b> Develop rideshare / vanpool partnership Project with Arcadia Police Department for transporting prisoners to court each weekday.</p>	1				
				<b>Mid-Year Update</b>							
				Discussions to take place to determine feasibility of partnership.							
				Police	FY 07-08	<p><b>Court Rideshare Project</b></p> <p><b>Description:</b> Reduce number of single occupancy trips by City vehicles to Court or meetings by multiple off-duty police officers required to be present in court by coordinating carpools for each court day.</p>	1				
				<b>Mid-Year Update</b>							
				In an effort to reduce the number of commute trips by single occupant vehicles, police personnel are encouraged whenever practical to use a Department vehicle for officers to carpool to required court appearances.							

Monrovia Environmental Accords - Environmental Health Update - Jan. 2008

Concentration Area	Action #	Action	Baseline	Proposed Projects			Priority 1-2-3	
				City Department	Fiscal Year	Description		
Environmental Health	16	<b>Toxic Reduction</b> <i>Annually, identify one product, chemical, or compound that is used within the city (with a focus on specific areas used by children and youth) that represents a risk to human health and reduce or eliminate its use by the municipal government.</i>	Currently the City requests MSDS for any product used by City staff.  Streets, Parks and Facilities Divisions use limited pesticides and herbicides.  Water is treated for VOC's	Community Services	FY 07-08	<b>Multi-use balloons</b> <b>Description:</b> Community Service staff will investigate using multi-use Mylar balloons instead of one-time balloons.	1	
				<b>Mid-Year Update</b>				
				Staff is still investigating reusable Mylar balloons.				
				Public Works	FY 07-08	<b>Expand Curbside Contract to Include Sharps and Prescription Drugs</b> <b>Description:</b> Expand existing HHW door-to-door collection program to include sharps and prescription medication disposal.	1	
				<b>Mid-Year Update</b>				
				Project Canceled: Staff has chosen not to initiate this proposed project due to costs and health and safety issues. Sharps and Prescription Drugs are accepted at LA County HHW/E-Waste Collection events. City staff is providing this information to residents through counter cards at City Hall and the Public Works Lobby.				
				Public Works	TBD	<b>Explore Alternative Water Treatment Plant Methods</b> <b>Description:</b> Investigate less toxic water treatment alternatives such as reverse osmosis.	3	
				<b>Mid-Year Update</b>				
				Staff is monitoring water quality and will proceed with alternative treatment methods as necessary.				
				Public Works, Comm. Services	TBD	<b>Coordinated Swimming Pool Treatment</b> <b>Description:</b> Work with MUSD, YMCA and small businesses to manage local pools and ensure healthy pool maintenance.	3	
<b>Mid-Year Update</b>								
Staff is investigating options for carcinogen free pool maintenance.								

Monrovia Environmental Accords - Environmental Health Update - Jan. 2008

Concentration Area		Action #	Baseline	City Department	Fiscal Year	Proposed Projects Description	Priority 1-2-3			
Environmental Health	17	<b>Promote Wellness - Promote wellness and fitness when planning or redesigning city facilities.</b>	<p>City parks are measured for walking/fitness units.</p> <p>Station Square's Master Plan contains fitness opportunities.</p> <p>City currently sponsors Weight Watchers and fitness contests for city employees.</p> <p>City has a Master Trails and Bike Plan and a MOU with the US Forest Service.</p> <p>City offers employees YMCA memberships and discounts at 24 Hour Fitness gyms.</p>	Community Services, Public Works	FY 07-08	<p><b>Post Exercise Facts at Parks &amp; Advertise</b></p> <p><b>Description:</b> Community Service staff will post exercise facts about our current parks (i.e. 3 times around the park equals one mile and how many calories would be burned per mile). Create brochure or flyer to promote fitness loops at local parks.</p>	1			
				<b>Mid-Year Update</b>						
				Physical inventory of locations, and fact sheets completed. The information is currently available at the Community Center.						
				Community Services, Public Works	TBD	<p><b>Workout fitness courses</b></p> <p><b>Description:</b> Community Service will establish workout courses at three of the six parks, utilizing where possible existing structures (i.e. push ups using park benches).</p>	2			
				<b>Mid-Year Update</b>						
				Physical inventory of locations, and fact sheets completed. The information is currently available at the Community Center.						
				Fire Dept & Human Resources	FY 07-08	<p><b>Fitness Evaluations for City Employees</b></p> <p><b>Description:</b> Make fitness evaluations available to city employees.</p>	1			
				<b>Mid-Year Update</b>						
				Human Resources will partner with the Santa Anita Family YMCA, Huntington Memorial Hospital, and other providers to make fitness evaluations and wellness programs available to all city employees.						
				Fire Department completed for FY 07-08 FEMS grant application to purchase new GYM equipment for the department.						
				Human Resources	FY 07-08	<p><b>Expand GYM Memberships</b></p> <p><b>Description:</b> Contract with World GYM to provide corporate membership.</p>	1			
				<b>Mid-Year Update</b>						
				HR will work with Santa Anita Family YMCA, 24-Hour Fitness and other providers to provide corporate memberships to all city employees.						
				Human Resources & Public Works	TBD	<p><b>City Fitness Area</b></p> <p><b>Description:</b> Set aside city facility space for fitness area or gym for employees.</p>	3			
<b>Mid-Year Update</b>										
No activity at this time.										

Monrovia Environmental Accords - Water

Update - Jan. 2008

Concentration Area	Action #	Action	Baseline	City Department	Fiscal Year	Project Description	Priority 1-2-3
Water	18	<p><b>Water Demand</b>                      Adopt and implement policies to reduce per capita water demand by ten percent by 2015 and thirty-five percent by 2030.</p>	<p>The average current water use per capita is 125 acre feet/day - Revise text to: <b>"According to the 2005 Urban Water Management Plan, the average current water use per capita is 178 gallons per day. The plan may be viewed at <a href="http://www.ci.monrovia.ca.us">www.ci.monrovia.ca.us</a> and follow the links to City Government&gt;Departments&gt;Public Works&gt;Utilities.</b></p> <p>City participates in the Upper San Gabriel Water District's "Be Water Wise" program (includes landscaping classes and low-flow toilet exchanges)</p> <p>The City of Monrovia distributes water conservation educational and toilet leak kits.</p> <p>Cal-Sense Irrigation is used at Recreation, Rotary, Library Parks, Old Town Monrovia and Olive Avenue Park.</p>	Admin. Services & Public Works	TBD	<p><b>Provide rebates to encourage water conservation.</b></p> <p><b>Description:</b> Provide water rebates to our residents to encourage water conservation. Funding/reimbursement may be available through grants or through Upper San Gabriel Valley Municipal Water District funds. We are still researching available resources at this time.</p>	3
						<p><b>Mid-Year Update</b>                      Presently Upper San Gabriel Valley Metropolitan Water District (USGVMWD) offers rebates. USGVMWD is working with city staff to help increase awareness of their rebate options.</p>	
				Public Works	FY 07-08	<p><b>Cal-Sense Irrigation</b></p> <p><b>Description:</b> Work with Public Works to install a Cal-Sense irrigation system at Monrovia Canyon Park and Connect Huntington Drive median with Cypress and Myrtle medians for Cal-Sense Irrigation system</p>	2
						<p><b>Mid-Year Update</b>                      Utilities Division will make a mid-year adjustment to fund Cal-Sense System at designated areas.</p>	
				Community Services & Public Works	TBD	<p><b>Restroom Sensors</b></p> <p><b>Description:</b> Community Services will investigate the use of restroom sensors for sinks, toilets, and paper towel dispensers (remembering that emergency sites need to have water available at all time.</p>	3
						<p><b>Mid-Year Update</b>                      No action at this time.</p>	

**Monrovia Environmental Accords - Water**

Update - Jan. 2008

Concentration Area	Action #	Action	Baseline	City Department	Fiscal Year	Project Description	Priority 1-2-3
				Fire Department	FY 08-09	<b>Demonstration Garden</b> <b>Description:</b> Community Services will coordinate the possibility of developing a drought tolerance & erosion control demonstration garden near the Nature Center. This will require the cooperation of the Monrovia Fire Department, the Monrovia Garden Club and Canyon Park.	3
				Public Works & Community Development	FY 07-08	<b>Low Impact Development Program</b> <b>Description:</b> Future requirement of the LA County Stormwater Permit to make sure all future development utilizes various methods to decrease the impacts of water runoff through vegetation and other mechanism to keep water on-site.	1
<b>Mid-Year Update</b> Staff will determine development requirements once new NPDES permit is issued. LID is currently suggested as a Best Management Practice in Public Works standard conditions for both construction and post-construction pollution mitigation.							
				Public Works & Community Services	ongoing	<b>Explore MWD Conservation Grants</b> <b>Description:</b> Monrovia is a member of the Upper San Gabriel Valley Water District and a retailer of MWD, Staff will explore if MWD Conservation Grants are available.	3
<b>Mid-Year Update</b> Awaiting information on when 2008 programs and grants will be made available to Member Agencies.							

Monrovia Environmental Accords - Water

Update - Jan. 2008

Concentration Area	Action #	Action	Baseline	City Department	Fiscal Year	Project Description	Priority 1-2-3	
Water	19	<b>Water Demand</b> Protect the ecological integrity of the city's primary drinking water sources (i.e., water ways and associated ecosystems).	City upholds federal, state and county standards to protect ground water sources.	Public Works	ongoing	<b>Nitrates Monitoring/Treatment</b> <b>Description:</b> The City will monitor, track and develop a treatment process for nitrates.	1	
			City is member of the San Gabriel Watermaster program (tests water quality, tracks plumes and secures funding for clean-up.)	<b>Mid-Year Update</b> Currently, nitrate levels are being monitored and tracked. No action is necessary at this time.				
			City supports MTBE ban.	Public Works	ongoing	<b>Secondary Contaminates List Monitoring Program</b> <b>Description:</b> The City will monitor and track newly listed contaminants. A reserve fund for future contaminate treatment will be explored.	3	
			Installed two new towers at VOC processing plant in 2006 ( now able to treat a total of 4,000 gallon/minute or 5.7 million gallons daily)	<b>Mid-Year Update</b> Currently, monitoring is being conducted. No action is necessary at this time.				
			Backflow testing program.					
			Parks Division minimizes the amount of herbicide spraying in city parks.					

**Monrovia Environmental Accords - Water**

Update - Jan. 2008

Concentration Area	Action #	Action	Baseline	City Department	Fiscal Year	Project Description	Priority 1-2-3			
<b>Water</b>	20	<b>Wastewater</b> - Adopt municipal wastewater management guidelines and reduce the volume of untreated wastewater discharges by ten percent by 2015.	<p>In 2006, the State Water Board established additional waste discharge requirements and now requires online sewer overflow reporting:</p> <ul style="list-style-type: none"> <li>- Jan 1, 2007, overflows are now being reported online.</li> <li>- Nov. 2007 the Sewer System Management development plan will be completed.</li> </ul> <p>NPDES guidelines for discharge into a stormwater system are in place and enforced.</p> <p>The City Sewer Improvement Plan includes changing the Norumbega Septic System to a sewer system in FY 2007/09.</p>	Public Works	FY 08-09	<p><b>Sewer Master Plan</b></p> <p><b>Description:</b> Conduct a City wide survey and analysis of sewer system to Develop System Master Plan</p>	2			
				Public Works	FY 07-08	<p><b>Fat, Oil and Grease (FOG) Program</b></p> <p><b>Description:</b> The city will implement a fat, oil and grease program which includes an educational component.</p>	1			
				<b>Mid-Year Update</b>						
				Staff has begun researching options for FOG program expansion. Plans for this program are detailed in the City's Sewer System Management Plan (SSMP) Development Plan and Schedule, approved by City Council in October 2007. Staff is currently working on specific program elements for the City's SSMP.						
				Public Works & Fire Department	FY 07-08	<p><b>Increase NPDES Enforcement &amp; Public Education Outreach</b></p> <p><b>Description:</b> The City of Monrovia Fire Department will increase the number NPDES inspections conducted annually by incorporating Stormwater inspections as part of current inspections. Increase public education and outreach efforts of Stormwater campaign.</p>	1			
				<b>Mid-Year Update</b>						
				Environmental Services Section and Fire Department have continued discussions for the Fire Department's Hazardous materials position duties under NPDES inspections. The position is currently scheduled to be filled at the beginning of FY 08-09.						

**Monrovia Environmental Accords - Water**

Update - Jan. 2008

Concentration Area	Action #	Action	Baseline	City Department	Fiscal Year	Project Description	Priority 1-2-3
<b>Water</b>	21	<b>Groundwater -</b> Increase groundwater infiltration by five percent by 2020.	Long-term cyclic storage account.	Public Works	TBD	<b>Use of Pervious Concrete</b>	3
						<b>Description:</b> City projects would require the use of pervious concrete in city projects such as Library construction, park projects, paths, trails, and parking lots when feasible.	
						<b>Mid-Year Update</b>	
The use of pervious concrete is recommended, where practical, to new development and redevelopment projects.							