

WATER ACTIONS - WORK PLAN FISCAL YEAR 2010

PASADENA GREEN CITY ACTION PLAN AND UNITED NATIONS URBAN ENVIRONMENTAL ACCORDS (UEA)

Urban Environmental Accords Over-arching Vision: To build an ecologically sustainable, economically dynamic, and socially equitable future for urban citizens.

Urban Environmental Accords Implementation Results: For all members of society to realize the right to a clean, healthy, and safe environment.

THEMATIC AREA – WATER					
VISION STATEMENT: Pasadena has a sustainable portfolio of water supply and water conservation solutions that protect the <i>ecological integrity of the drinking water source (UEA 19)</i> , that ensure <i>adequate access to safe drinking water (UEA 19)</i> and that support <i>sustainable urban watersheds (UEA 21)</i> and aquifers. ¹					
GOAL	METRICS/DATA	STRATEGY	STRATEGY LEAD DEPT. / SUPPORT	FY 2010 ACTIONS	ACTION LEAD DEPT. / SUPPORT
Goal 1: Water Reduction (UEA 19) - »By 2015 reduce the city's water usage 10% per capita below 2005 levels, and 20% by 2020 ²	Water in acre feet supplied by PWP to customer base. 2005 Baseline	Strategy 1.1: Prepare a Water Integrated Resource Plan Timeframe: FY 2010 Initiated	PWP	<ol style="list-style-type: none"> 1. Await actions determined by plan in addition to those listed below. 2. State Model Water Efficient Landscape Ordinance adopted. 3. Irrigation efficiencies program initiated. 4. Landscape water meters study initiated. 5. Gray water information developed. 6. Rainwater capture information available to customers. 7. Fixture Replacement Program developed. 8. Building Codes and New Development recommendations initiated 9. »Pursue implementation of Reclaimed Water System Project. (UEA 21) 	<ol style="list-style-type: none"> 1. PWP 2. P&D/PWP 3. PWP 4. PWP 5. PWP/P&D 6. PWP/P&D 7. P&D/PWP 8. PWP
Goal 2: Wastewater Treatment »By 2012 reduce untreated wastewater discharges by 10%. ³	Wastewater volume in acre feet treated at wastewater treatment facility.	Strategy 2.1: »Adopt municipal wastewater management guidelines (Pasadena Master Sewer Plan adopted in 2007).	PW	<ol style="list-style-type: none"> 1. See Reclaimed Water Project above 	
Goal 3: Local Water - By 2015, 16 local water wells are brought back into service.	Number of wells back in service. 2005 baseline – 16 wells out of service			<ol style="list-style-type: none"> 1. Continue Monk Hill Treatment Plant construction on 4 water wells. 2. Finalize Sunset Perchlorate Treatment Plant design and begin construction on 5 water wells. 	<ol style="list-style-type: none"> 1. PWP 2. PWP

¹ UEA Action 20 Protect the ecological integrity of the city's primary drinking water sources is a vision without a target or goal; primary water supplies are from the MWD which the City does not control. It may be appropriate to create a vision statement for water through the Water Integrated Resource Plan process and in concert with the Open Space and Conservation Element. policies and objectives.

² UEA Action 19 stipulation of 10% per capita reduction by 2015 and California State requirement of 20% by 2020.

³ UEA Action 21 Wastewater – “Adopt municipal wastewater management guidelines and reduce the volume of untreated wastewater discharges by 10% by 2012 through the expanded use of recycled water and the implementation of a sustainable urban watershed planning process that includes participants of all affected communities and is based on sound economic, social and environmental principles” – includes a vision, a goal, a strategy and an action. The goal within UEA 21 is not Pasadena specific and does not reflect local, regional, and state waste water treatment requirements.

THEMATIC AREA – URBAN DESIGN, TRANSPORTATION AND URBAN NATURE

VISION STATEMENT: Pasadena is a city with » *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 8).*⁴

GOAL	METRICS/DATA	STRATEGY	STRATEGY LEAD DEPT. / SUPPORT	FY 2010 ACTIONS	ACTION LEAD DEPT. / SUPPORT
Goal 1: Planning Documents - Ensure that new or amended planning documents contain objectives, policies and implementation measures that support vision statement. ⁵	One adopted plan	Strategy 1.1: Land Use Element - Include sustainability and UEA Actions in the Land Use Element update. ⁶ Timeframe: FY 2011 City Council Adoption	P&D	1. Initiate Land Use Element Update public outreach process 2. Evaluate land use alternatives proposed in the Land Use Element Update against sustainability goals (see also Climate Change table)	1. P&D 2. P&D
	One set of standards	Strategy 1.2: Sustainable Master Plan - Develop a menu of sustainability options for evaluation in all master plans and master plan amendments. Timeframe: FY 2010 Completed	P&D	1. Internal planning team to develop sustainability options.	1. P&D
	One adopted plan	Strategy 1.4: Open Space and Conservation Element - Include sustainability and UEA Actions in the Open Space and Conservation Element. ⁷ Timeframe: FY 2011 City Council Adoption	P&D	1. Community workshops held 2. Open Space Plan drafted & circulated for public comment	1. P&D 2. P&D
	One adopted plan	Strategy 1.5: Hahamongna Watershed Park Master Plan Amendments – Include sustainability measures in plan. Timeframe: FY 2011 City Council Adoption	PW	1. Await actions determined by plan.	1. PW

⁴ UEA Action 8 does not contain a measurable target, goal or timeline; does not reflect Pasadena's General Plan principles; nor is it in alignment with the city's other adopted plans, policies and regulations (include urban forest in language). UEA 8 is similar to US Conference of Mayors Climate Protection Agreement #2 – "Adopt and enforce land use policies that reduce sprawl, preserve open space, and create compact, walkable urban communities."

⁵ Initiative approved in 2006 Green City Action Plan - lacks specifics (target and measurable results).

⁶ Element update will include specific goals, strategies and actions. The Land Use Element should address UEA Action 12 - "Protect critical habitat corridors and other key habitat characteristics from unsustainable development."

⁷ Element update will include specific goals, strategies and actions. The Open Space Element should address UEA Action 10 – "Ensure that there is an accessible public or recreational open space within half a kilometer (.31 miles) of every resident by 2015" and UEA Action 12 - "Protect critical habitat corridors and other key habitat characteristics from unsustainable development"