

Seattle Parks and Recreation PDD Sustainability Accomplishments: '04 and '05/'06

		Top 10 Goals:	Measurable objective(s) in each goal area:	'04 achievement	'05/'06 achievement	Comments
Fiscal	1	Minimize operations and maintenance costs	Objectives: 1) 'Smart roof design' – translucent elements, no reverse pitch, significant overhangs and pitch of 4:12 for sloped roofs (2":4' when low-sloped roofs are unavoidable) 2) No uniform surface 'tagging targets' over 2 square feet, anti-graffiti film on high-target sites 3) 'Easy mow turf' design: No steep grades or need for hand-mower	Smart Roofs: 90% Graffiti reduction: 87% Easy mow turf: 72%	Smart Roofs: 80% Graffiti reduction: 90% Easy mow turf: 86%	'Smart Roof' declines are due to the 3 Community Center expansion projects, where there are constraints when adding onto existing buildings.
	2	Revenue generation	Objective: Enhance capacity to generate revenue via ongoing tenants, intermittent rentals, on-site vendors or other community partnerships	55%	68%	Guidance to PM's and design teams have helped achieve this objective
	3	Engaging new users	Objective: Diversify program scope and intensify facility usage patterns by engaging at least one proximal, historically-underserved community or stakeholder group to provide guidance on facility features and design	85%	76%	Many recent projects have been in neighborhoods w/ fewer underserved residents. Non-English outreach is being refined.
Social	4	Enhance health, safety and comfort of park users and building occupants	Objectives: 1) Follow Crime Prevention through Environmental Design (CPTED) Guidelines 2) Improve indoor air quality via operable windows, natural ventilation strategy and/or exceeding ASHRAE Standard 62-1999 for ventilation 3) Achieve daylight factor of 2 in 75% of regularly occupied spaces and direct site lines to exterior glazing for 90% of regularly occupied spaces	CPTED: 92% Natural ventilation: 65% Daylighting: 90%	CPTED: 82% Natural ventilation: 67% Daylighting: 95%	Actual CPTED implementation may not be declining, though lack of formally-adopted CPTED design guidelines has limited PM's ability to rate their accomplishments.
	5	Improve site and facility aesthetics	Objectives: Include public art, respond to neighborhood context and promotes social capital development Integrated/applied public art elements, increased/improved gathering spaces, design elements that compliment and accentuate neighborhood history and character	78%	80%	This continues to be an area we are excelling.
Environmental	6	Improve multimodal access	Objective: Minimize vehicle trips generated while increasing pedestrian, bicycle and transit and ADA modes of access	100%	100%	Though we are universally addressing this, more design guidance would allow more significant achievements.
	7	Improve habitat and ecological function	'04/'05 Objective: Increase the extent, health and diversity of native vegetation and ecosystem types '05/'06 Objectives: Increase the extent and diversity of native vegetation and ecosystem types Restored linear feet of shoreline Natural areas created or preserved	83%	80% Shoreline: 2,411 ft Natural areas: 3,606 sq. ft.	Numbers slightly lower because many of this year's projects were urban hardscapes (Occidental, Boren Pike/Pine, etc).

8	Improve quality and quantity of storm water	<p>'04/'05 Objective: Develop a storm water flow regime that more closely mimics pre-development conditions</p> <p>'05/'06 Objectives: Increase storm water infiltration/groundwater recharge Square feet of impervious surfaces removed</p>	60%	Increased recharge: 82% Sq. ft of impervious removed: 510,720	SPU's ICS grant program has help our performance in stormwater management.
9	Minimize waste, emissions and resource extraction	<p>'04/'05 Objectives:</p> <ol style="list-style-type: none"> 1) Adaptive re-use of >30% of existing facility elements 2) >50% of construction debris diverted from landfill <p>'05/'06 Objectives:</p> <ol style="list-style-type: none"> 1) Adaptive re-use existing facility elements 2) >70% of construction debris diverted from landfill 3) Use of HDPE instead of PVC for drain lines 	Adaptive re-use goals (30%) and landfill diversion (50%) goals fully achieved	Adaptive re-use 74% Diversion: 74% Non-PVC drainlines: 34%	The specifics of this goal were clarified and updated for '05/'06, so we have a new baseline.
10	Improve efficiency of energy and water use	<p>'04/'05 Objectives: Minimize energy and water use</p> <ol style="list-style-type: none"> 1) Install Maxi-Com compatible irrigation system, high efficiency spray heads and drip where appropriate 2) Displace potable water w/ rainwater capture and re-use 3) Use high-efficiency furnace and boilers <p>'05/'06 Objectives:</p> <ol style="list-style-type: none"> 1) Use of high-efficiency (>85%) furnace and boilers 2) Increase capacity to capture and re-use rainwater 	Irrigation: 78% 85% High-efficiency boilers: 85%	Irrigation: 82% 85% High-efficiency boilers: 76% Planned or built rainwater harvest capacity: 284,000 gallons	Improvements in Maxi-com and boiler program are being developed that will provide better guidance to PM's Rainwater harvest is an emerging focus.