

Implementing Sustainability Planning and Land Services (2010-2015)

Leaner & Greener

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Pierce County
Office of Sustainability

“A sustainable future is better than the alternative”



Chuck Kleeberg, Planning and Land Services



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2015 Pierce County Sustainability Goals

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Updated Pierce County Government Sustainability Goals



Air Quality: All areas of Pierce County are in compliance with federal air quality standards.



Employee Sustainability Training: When surveyed, 90% of Pierce County employees take sustainability into consideration in their jobs



Energy Efficiency: Reduce by 15%* electricity and natural gas use in County facilities over January 2010 levels. All new County facilities are built to a LEED Silver or better standard.



Green Purchasing and Recycling: At least 50% of office products purchased have recycled content. Reduce purchase and consumption of copier/printer paper by 15%. Increase recycling by 35% **. Reduce the amount of landfill waste by 30%.



Transportation: 50% of Pierce County's general use fleet to be hybrid/electric/alternative fuel vehicles. 25% of Pierce County employee commute trips will be public transit, carpool/vanpool, bicycle, walk, drive electric vehicles, telecommute or compressed work week.



Water Quality and Quantity: Reduce water use in our 43 owned buildings by 10%. On average Pierce County streams grade to a B- or better (Currently C).***

Expanded Goal*, Decreased Goal**, New Goal***

Planning and Land Services – Leaner & Greener

PALS will work as individuals, divisions, and a department through coordination, experimentation, and information sharing to achieve significant reductions in our environmental footprint and accomplish the goals of our Sustainability Plan. We will coordinate with the Auditor's Office, Assessor's and Facilities to address annex-wide issues.

Energy Efficiency

- Reduce PALS energy consumption by 20% kwh (over 2009 levels)
- Consolidate printers and scanners (discontinue individual use)
- Change cleaning crew hours to daytime – shut building down at night
- Purchase new energy efficient refrigerators/appliances w/energy savings \$
- Consolidate work space near windows where possible

Employee Sustainability Training

- All PALS employees will be familiar with the Sustainability Plan goals
- All PALS employees able to define sustainability and give 3 examples of sustainable practices in their job
- 50% employees trained in some 'sustainable' aspect of their job (green building programs, low impact development, etc)

Transportation

- Achieve 25% reduction in commute VMT
- Implement a telecommuting program
- Implement incentives for alternative transportation modes
- Expand web resources for customers
- 100% of new vehicles purchased will be hybrid, electric, or highly fuel efficient
- Divisions will work together to combine site visits
- Reduce gas usage by 20% and increase to 30mpg for field visits
- Upgrade kitchen/cafeteria facilities to reduce lunch trips

Air Quality

- Implement a No Idling Policy for employees and Annex campus
- Educate all PALS employees on Pierce County air quality issues: (wood smoke, ozone, diesel, greenhouse gases)
- Work with Facilities to discontinue use of gas powered leaf blowers, lawn mowers and other equipment at Annex

Water Quality / Quantity

- Discontinue purchasing of bottled water
- Purchase water filters / aerators for all tap faucets
- Switch to dual-flush toilets
- Switch to drip irrigation methods for landscaping
- Reduce impervious parking surfaces



Waste Reduction and Recycling

- Reduce paper usage by 75% per person
- Maximize tech resources (online, video/tele-conferencing) for reducing paper use and car trips
- Develop a permitting and question/answer system online and convert to utilizing web resources
- Fully implement imaging systems to complete review, permitting, and record keeping via computer
- Eliminate employee use of plastic utensils
- Implement recycling system for glass and food composting

Green Purchasing

- PALS will implement Pierce County's Environmental Purchasing Policy

Greenhouse Gas Reductions

- Establish a system for tracking and targeting CO2 reductions from all listed sectors

2010 Department Sustainability Snapshot Planning and Land Services

Department Size

- Employees: **86**

Employee Sustainability Education and Training

- % of employees have filled out the sustainability survey: **98%**
- % of employees who take sustainability into consideration in their jobs: **75%**
- General Sustainability Training: **Yes**
- Education on what creates greenhouse gases and strategies for reducing: **Yes**
- Wood stove educational training: **Yes**

Energy Efficiency

- Building EnergyStar Score: **Annex 89 (Energy Star)**
- % reduction in energy use in office building: **Annex -15%**
- Building Energy Cost per Sq Ft: **Annex \$0.66**

Green Purchasing and Recycling

- % of office products that have recycled content: **19.19%, Down 2.43% from 2009 total of 21.64%**
- % Reduction in Paper use: **17% reduction saved \$2,100.99**

Transportation

- Vehicles Operated by Department: **26**
- Hybrid/Electric vehicles: **5**
- Mileage Reimbursements: **1,554 miles**
- Gasoline use: **12,372 unleaded gallons, 324 diesel gallons, 12,696 total gallons of fuel, down from 18,705 gallons in 2009**
- Fleet MPG: **20.64 mpg, up from 14.11mpg**