

# Implementing Sustainability Risk Management (2010-2015)

## Leaner & Greener

April 2011



Pierce County  
Office of Sustainability

“The Risk Management Department is nurturing a culture that promotes the thoughtful use of resources that will create a sustainable quality of life for current and future generations, by utilizing our assets wisely.”



Mark Maenhout, Director of Risk Management



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# 2015 Pierce County Sustainability Goals

## Leaner & Greener

### 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\*\*\*

# Risk Management – Leaner & Greener

## Energy Efficiency

- Work with other departments to reduce energy use by 15% by 2015.
- Using advanced technology energy efficient appliances.
- Re-evaluation of printer inventory and printing practices.
- Providing information, forms, and materials electronically.
- Placing computers in a standby mode when not in use.
- Turning lights off when not in use.

## Transportation

- Sharing vehicles with other departments.
- Minimizing and/or combining trips to reduce mileage.
- Exploring telecommute options for the department.
- Transitioning 66% of our department's fleet toward more fuel efficient vehicles.
- Encouraging staff to use County fleet vehicles (fuel efficient) for business transportation, in lieu of personal vehicles.
- Reduce travel through conference calls and webex for meetings and training.
- Encourage staff to use public transit, carpool/vanpool, bicycle, walk, etc.. (Currently at 11%) we hope to increase this to 33%.



## Employee Sustainability Training

- Employees will continue to receive training regarding the Counties Sustainability Program.
- Assigned Office "Sustainability Facilitator" to improve departmental communications about sustainability.

## Air Quality

- Conducting air quality tests in various County facilities to ensure good indoor air quality.
- Minimizing driving vehicles to reduce emissions.
- Will undergo wood smoke training.
- Ensure we are doing everything we can to keep us in compliance with federal air quality standards.

## Green Purchasing and Recycling

- The department will increase our recycling efforts by 50%.
- 50% of office products will be made from recycled materials.
- Increasing the use of electronic documents to reduce paper use.
- Using products that are made from recycled materials.
- Double sided copying.
- Sharing equipment with other departments.
- Dramatically reduced the number of color copies

## Water Quality

- Coordinating drinking water testing at various county facilities.
- Utilize a filtration system on our municipal supplied drinking water to eliminate the need for bottled water.
- Wash vehicles in designated car washes that recycle and treat the water.

## Greenhouse Gas Reductions

- Limit driving vehicles except for essential trips.
- Adopted a no idling policy for vehicles used by our department.
- Continually evaluate business practices to reduce carbon footprint.

# 2010 Risk Management Department Sustainability Snapshot

## Department Size

- Employees: **8**

## Employee Sustainability Education and Training

- % of employees have filled out the sustainability survey: **100%**
- % of employees who take sustainability into consideration in their jobs: **100% yes**
- General Sustainability Training: **No**
- Education on what creates greenhouse gases and strategies for reducing: **No**
- Wood stove educational training: **No**

## Energy Efficiency

- Building EnergyStar Score: **955 Building 14 (Leased Building)**
- % reduction in energy use in office building: **-3%**
- Building Energy Cost per Sq Ft: **\$1.34**

## Green Purchasing and Recycling

- % of office products that have recycled content: **45.8%; up from 31.4% in 2009**
- % Reduction in Paper use: **15% reduction**

## Transportation

- Vehicles Operated by Department: **3**
- Hybrid/Electric vehicles: **0**
- Mileage Reimbursements: **0 miles**
- Gasoline use: **625 gallons, reduced by 19 gallons over 2009**
- Fleet MPG: **19.34 mpg**