

# **Sustainability Report FY 2007**

## **Washington State Department of Veteran's Affairs**

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These reports are conducted annually for the Fiscal Year (FY) that just ended (the FY runs from July 1st through June 30th) by the various agencies of the State of Washington in fulfillment of Executive Orders 05-01, 04-01, and 02-03.

# Green Buildings

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**Statewide Goals:**

- The requirements in E.O. 05-01 regarding green building are superseded by the High Performance Public Building bill (ESSB 5509). ESSB 5509 requires all construction or remodeling projects of any occupied or conditioned space larger than 5,000 square feet to conform to the LEED (Leadership in Energy and Environmental Design) Silver Standard (or equivalent) The legislation applies to remodeling projects costing more than 50% of the assessed value.

**Buildings (Remodeled or New Construction)**

Year (FY)	2003	2004	2005	2006	2007
Conventional Buildings	One Building				
LEED Silver					
LEED Gold or Higher			One building		
Total LEED Certified					
Total					
Units	X # of buildings <input type="checkbox"/> ft2				

Comments: Achieved Gold LEED Certification for the Washington Veterans Home 240-bed nursing facility in 2005

# Space

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**Statewide Goals:**

- No listed statewide goals

**Agency Goals:**

- Only those consistent with current requirements.

**Total Space Use**

Year (FY)	2003	2004	2005	2006	2007
Office Space	11,056	16,213	16,213	16,213	24,024
Non-Office Space	395,600	446,168	446,168	446,168	446,158
Total	406,656	462,381	462,381	462,381	470,182
Units	Xfeet2 <input type="checkbox"/> meters2 <input type="checkbox"/> miles2 <input type="checkbox"/> kilometers2				

Comments: Additional Central Office space has increased steadily and new non office space increased as well with our new building and a small increase from remodeling/expanding our powerhouse.

# Transportation

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## Statewide Goals:

- Reduce petroleum consumption by 20% from FY 2003 levels by FY 2009
- Use minimum 5% biodiesel for agency vehicles using diesel, and replace standard diesel with a 20% biodiesel blend by 2009.
- Replace pre-1996 light duty vehicles (those under 8,500 pounds gross vehicle weight) that are driven more than 2,000 miles a year by January 2008.)
- Give priority to fuel efficient / low emissions vehicles
- Freeze Four Wheel Drive (4WD) purchases (exempting those with fuel economy greater than 30 mpg or those purchased for law enforcement or emergency response purposes). All others must be approved by agency director.
- Request fuel efficient, low emission vehicles for employees from commercial vendors.
- For all agencies with a fleet of 100 or more light duty vehicles (vehicles with a gross vehicle weight of less than 8,500 pounds), submit a Fleet Management Plan. For agencies with less than 100 light duty vehicles, consider transferring vehicles to or contract with GA.
- Optional: Increase Employee Participation in Commute Trip Reduction (CTR) Programs

## Agency Goals:

- We are surplusng out older less efficient vehicles per our goal in 2006. It is hard to justify purchasing newer vehicles when a majority of our vehicles are utilized on a small campus and don't get a lot of mileage. The other vehicles that transport veterans to doctor and hospital appointments are the other end of the spectrum going long distances. They are large and don't return good fuel efficiency and are the only alternative for their intended use. It will be difficult for us to achieve better numbers since our mission to serve these veterans dictates the use of large vehicles.

## Barriers and Challenges:

- We will continue to expand both veterans programs and care of these folks. We are looking into building a new Home and that will increase our vehicle and fuel usage.

## Total Gasoline (non-diesel)

Year (FY)	2003	2004	2005	2006	2007
Ethanol					
Petroleum		15,038	15,118	15,352	19,233
Total		15,038	15,118	15,352	19,233
Units	X gallons <input type="checkbox"/> liters <input type="checkbox"/> \$				

## Diesel Fuel

Year (FY)	2003	2004	2005	2006	2007
Ultra Low Sulfur (Highway)				1,924	3,242
Off-Road					
Biodiesel					
Total				1,924	3,242
Units	X gallons <input type="checkbox"/> liters <input type="checkbox"/> \$				

Comments: 2006 numbers incomplete. DOT records were already archived

## Miles Driven

Year (FY)	2003	2004	2005	2006	2007
Personally Owned Vehicles				16,284	53,382
Agency Owned Vehicles				354,903	425,884
Motor Pool Managed Vehicles					
Total				371,187	479,266
Units	<input checked="" type="checkbox"/> miles <input type="checkbox"/> kilometers				

## Agency Owned Fuel Efficiency

Year (FY)	2003	2004	2005	2006	2007
Fuel Efficiency				20.5	19
Units	Miles per gallon (MPG)				

## Agency Owned Fleet Size

Year (FY)	2003	2004	2005	2006	2007
Amount		51	54	58	64
Units	# of Vehicles				

Comments: Various vehicles surplus out and were replaced. Note newer vehicles added recently.

## Pre-1996 Vehicles Remaining

Year (FY)	2003	2004	2005	2006	2007
Amount		26	26	26	26
Units	# of vehicles				

Comments: The same low use campus vehicles still remain.

## Vehicles Purchased

Year (FY)	2003	2004	2005	2006	2007
Conventional		1	2	2	8
> 30 MPG					1
4WD (note exception purchases)					
Total		1	2	2	9
Units	# of vehicles purchased				

## Additional Notes

Has your agency implemented Commute Trip Reduction Programs? What is the level of employee involvement?

- It is used predominantly at our facilities with very little participation. We have, for the most part, shift workers and CTR doesn't fit their needs.

If your agency has a fleet of 100 or more light duty vehicles (vehicles with a gross vehicle weight of less than 8,500 pounds), has it submitted a Fleet management Plan? For agencies with less than 100 light duty vehicles, has it considered transferring vehicles or contracting them to the GA?

- We are negotiating with GA to purchase our fleet and turn our transportation needs over to them.

# Paper

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## **Statewide Goals:**

- Purchase office paper with a minimum of 30% post consumer recycled content by Sept. 1, 2005. Include all white 8.5x11 paper. Provide justification for all purchases of virgin paper. If you have made changes in other paper purchases, please describe.
- Reduce use of office paper by 30% by Sept. 1, 2009, based on FY 2003 plans
- Increase the percentage of environmentally preferable paper (EPP) purchased to at least 50% by Sept. 1, 2006. (EPP is defined as 100% recycled content paper with a minimum of 50% post consumer waste.)
- Recycle 100% of used office paper
- Increase use of post consumer recycled janitorial paper products.

## **Agency Goals:**

- Institutionalize sustainability as an agency value
- Raise employee awareness of sustainability in the workplace and in their personal lives
- Minimize energy and water use
- Shift to clean energy for both facilities and vehicles
- Shift to non-toxic, recycled and remanufactured materials in purchasing and construction
- Expand markets for environmentally preferable products and services
- Reduce or eliminate waste as an inefficient or improper use of resources
- Investigate and adopt new methods for sustainable practices as they are developed and become available
- Become a model agency of environmental consciousness coupled with good business practices and outstanding performance

## **Agency Actions and Programs:**

- Continue, and increase the purchase of recycled and remanufactured, and non-toxic products.
- Contract for services with companies who use recycled, remanufactured and non-toxic chemicals.

## **Progress to Date:**

- WDVA continues to purchase recycled, remanufactured and non-toxic products. WDVA continues to seek companies who use recycled, remanufactured and non-toxic chemicals when feasible.

## **Barriers and Challenges:**

- WDVA is limited to the use of recycled goods due to the nature of our agency. We supply the needs of residents, many who are in need of basic food and medical supplies. The information being requested is currently not being tracked in the same measures. Another challenge is the format changed to this report from last year.

## **Success Factors:**

- WDVA is sustaining current levels.

### Paper Purchased (8.5 x 11)

Year (FY)	2003	2004	2005	2006	2007
Virgin					
30 -40% recycled					
100% recycled / EPP					1,677
Total					
Units	<input type="checkbox"/> sheets <input checked="" type="checkbox"/> reams <input type="checkbox"/> cases <input type="checkbox"/> tons				

### Paper Used (other than 8.5 x 11)

Year (FY)	2003	2004	2005	2006	2007
Virgin					
30-40%recycled					
100% recycled / EPP					
Total					
Units	<input type="checkbox"/> sheets <input type="checkbox"/> reams <input type="checkbox"/> cases <input type="checkbox"/> tons				

### Amount of Office Paper Recycled

Year (FY)	2003	2004	2005	2006	2007
Amount					41,445
Units	<input type="checkbox"/> pounds <input type="checkbox"/> kilograms <input type="checkbox"/> tons <input checked="" type="checkbox"/> gallons				

### Janitorial Paper

Year (FY)	2003	2004	2005	2006	2007
Non-recycled					
Containing recycled content					\$5,383.77
Total					
Units	<input type="checkbox"/> cases <input type="checkbox"/> tons <input checked="" type="checkbox"/> Other costs				

### Additional Notes

What steps is your agency taking to decrease paper usage or increase the proportion of recycled paper used?

- WDVA is looking at process improvements. The first step is looking at Purchasing process and looking at e-commerce versus paper flow as a possibility.

# Energy

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## Statewide Goals:

- Reduce energy purchases by 10% from FY 2003 by September 1st, 2009

## Agency Goals:

- With expanding programs and added buildings we can only try to reduce our per capita usage.

## Agency Actions and Programs:

- We have nothing formally in place until building systems have been analyzed and repairs effected.

## Progress to Date:

- We have entered into an ESCO agreement with GA and Quantum consultants to do an energy audit of our Retsil facility in hopes of gaining enough in savings to make projected repairs pay for themselves. Also planned is an agreement with a local sewage treatment plant to purchase digester gas currently being burned off as excess.

## Barriers and Challenges:

- More buildings and staff drive ever higher energy needs.

## Total Electricity

Year (FY)	2003	2004	2005	2006	2007
Conventionally Purchased			5,958,823	6,758,606	6,684,106
Green Electricity					
Self-Generated (ex: backup)					
Total					
Units	X kWh <input type="checkbox"/> BTU <input type="checkbox"/> \$				

## Natural Gas

Year (FY)	2003	2004	2005	2006	2007
Amount			645,401	733,410	731,164
Units	X therms <input type="checkbox"/> BTU <input type="checkbox"/> \$				

## Fuel Oil and Propane

Year (FY)	2003	2004	2005	2006	2007
Amount					
Units	<input type="checkbox"/> therms <input type="checkbox"/> BTU <input type="checkbox"/> \$				

Comments: This commodity is used to operate our emergency generators and as an emergency fuel for our heating boilers.

## Additional Notes

- We care for an elderly population whose health depends on their comfort. When it comes to the cold weather we must adjust the heat up accordingly.

# Water Use

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**Statewide Goals:**

- No statewide goals, but EO 02-03 calls for minimizing water use

**Water Used**

Year (FY)	2003	2004	2005	2006	2007
Amount					
Units	<input type="checkbox"/> gallons <input type="checkbox"/> ICCF (hundreds of cubic feet)				

Comments: This information has not been consolidated. One of our facilities operates its own water system and the three other locations are on a city or district water system.

# Waste and Recycling

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**Statewide Goals:**

- No statewide goals, but EO 02-03 calls for reducing or eliminating waste resulting from an inefficient or improper use of resources

**Waste Disposed**

Year (FY)	2003	2004	2005	2006	2007
Amount					
Units	<input type="checkbox"/> pounds <input type="checkbox"/> kilograms <input type="checkbox"/> tons				

Comments: This information has not been tracked

**Compost Collected/Composted**

Year (FY)	2003	2004	2005	2006	2007
Amount					
Units	<input type="checkbox"/> pounds <input type="checkbox"/> kilograms <input type="checkbox"/> tons				

Comments: No available data

**Non-Paper Material Recycled**

Year (FY)	2003	2004	2005	2006	2007
Amount					
Units	<input type="checkbox"/> pounds <input type="checkbox"/> kilograms <input type="checkbox"/> tons				

Comments: No available data

# Education and Outreach

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## Statewide Goals:

- Take steps to educate employees or clients about sustainable practices

## Agency Goals:

- To education, develop and implement stretch goals

## Agency Actions and Programs:

- Create a new Agency Team

## Progress to Date:

- Just regrouping with new staff members

## Barriers and Challenges:

- Retaining team members from year to year.

## Additional Notes

How is your agency educating its employees about sustainability and environmental policies?

- Employees will receive informational e-mail
- A link to the agency's internal and external websites will be developed to educate and inform employees, customers and other stakeholders
- Employees will be offered opportunities to view or attend informational seminars or webcasts
- Employees will be trained via conferences, seminars, or webcasts to enhance the knowledge, skills and abilities to further incorporate sustainable practices into their job requirements. Example: Procurement training online through Energy Star.
- Employees will be educated on how their personal choices affect the environment

How is your agency engaging the community in its sustainability efforts?

- WDVA is designing a cemetery to have low impact on water usage.
- We built a Green Building in Retsil and are experimenting with the use of LG screens instead of paper handouts for meeting.