



Washington State Parks Sustainability Progress Report 2006 (07/2005 - 06/2006)
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This is a only a suggested template for your progress reports. **Please use whatever format with which your agency is most comfortable, but be sure you include everything specified in Executive Order 05-01.** If you decide to use this template, please fill in all of the yellow cells, which are required by **E.O. 05-01**, as well as the boxes to elaborate on your Goals, Progress to Date, Barriers and Challenges, Success Factors, and Documented Savings. The blue cells have formulas which will automatically calculate values as you enter your agency's information. Report data for Fiscal Year (FY) 2006, the period July 1, 2005 to June 30, 2006. FY 2003 is for period July 1, 2002 to June 30, 2003.

| | Required Actions | In Compliance | | | Goals | Progress to Date | Barriers & Challenges | Success Factors | Documented Savings |
|-----------|--|---|---|-------------------------------------|---|---|--|---|--------------------|
| I | Green Buildings | | | | | | | | |
| 1 | The requirements in E.O. 05-01 regarding green building are superseded by the High Performance Public Building bill (ESSB 5509).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. | | ESSB 5509 GA Website on Green Building RCW 39.35D High Performance Public Buildings | | The State Parks' 2003 Sustainability Plan calls for the agency to: "achieve LEED Silver standards for all new construction and renovation" by 2013. | Agency staff are exploring select LEED technologies and expect to use green roofs and other sustainable practices in FY 07 when possible. | Agency would like to extend LEED standards to park facilities under 5,000 square feet (currently LEED standards only apply to structures above this square footage). Limited funds in applying LEED standards to these maintenance and/or remodeling projects (these technologies are sometimes more costly than traditional / existing technologies). | Select building standards in use incorporate sustainable building (LEED) practices for buildings under 5,000 sq.ft. Training began in 2006 with NW region staff to incorporate green (LEED) building standards. | |
| | | # of Applicable Buildings Built or Remodeled in FY 2006 | # LEED Silver Standard Certified | 0 | | | | | |
| II | Reduce Petroleum Use by 20% by 2009 | | ES fastrack source FY 2006 | ES fastrack source FY 2003 | | | | | |
| 1 | Reduce gallons of gasoline purchased (for vehicles) | AFRS - ES costs | \$919,000 | \$825,134 | | | | | |
| | | Gallons of Gasoline Purchased | 346,793 gallons | NA | | | | | |
| | | | FY 2006 | FY 2003 | | | | | |
| | Miles Driven by Vehicle Ownership | DOT card | 15,078 | | | | | | |
| | | Voyager | 126,438 | | | | | | |
| | | POV | 22,471 | | | | | | |
| | | Agency Owned | | | | | | | |
| | | Motor Pool | 1230 | NA | | | | | |
| | Total Miles Driven - NOTE: only two State Motor Pool vehicles tracked | | Miles Driven | | | | | | |
| | | | FY 2006 Source State Motor Pool | Estimated Baseline 03 plan reported | | | | | |
| | | 2 vehicles | 849 | NA | | Agency's inventory system, Fastrack, Voyager and DOT reports are the sources of data reported. The agency added 86 new | Fuel and mileage are not tracked, so estimates of fuel use in this report do not reflect the real fuel use. Fuel and vehicle maintenance costs totaled \$93,000 in FY06, a 33% increase from | | |
| | Increase Employee Participation in Commute Trip Reduction (CTR) | | Commute Trip Reduction Plan Developed (if so, please describe in boxes at right) | | | | | | |

| | Required Actions | In Compliance | | | Goals | Progress to Date | Barriers & Challenges | Success Factors | Documented Savings |
|---|--|---------------|---|-----------------------------------|---|---|---|---|--------------------|
| I | Green Buildings | | | | | | | | |
| | Programs | | Agency has no CTR program currently. | | Shift to clean energy for both facilities and vehicles (agency exploring performance measures that include reducing petroleum use by 2009). | Law Enforcement (LE) bikes to fleet in FY06 and purchased 20 new vehicles; Hybrids or GEMs (Global Electric Motorcars) made up 25% of new vehicles. | FY05. Voyager card totaled \$341,384 and DOT gas use was \$36,300. Gallons reported for FY 06 are an estimated average cost per gallon (\$2.65 into \$919,000 = 346,793 gallons). | Bikes, hybrids, electric vehicles, and other alternative fuel vehicles are used in parks. | |
| 2 | OE - 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 deputy director. | | # of 4WD Vehicles Purchased | # Approved or Exempt | Shift to clean energy for both facilities and vehicles (agency seeking to achieve EO and agency's goal to limit use of 4WD vehicles as noted in Sustainability Plan and agency policy). | In FY 06 the Deputy Director approved the purchase of four 4-wheel drive SUV's for law enforcement use - none were hybrids (NOTE: hybrid SUV were purchased for non-law enforcement use in the agency). | Funds are limited for new vehicles (especially true for hybrid vehicles which are more costly than traditional technology vehicles). | Hybrid SUV are well marked as "State Parks" vehicles, thus advertising to the public the agency's commitment to good stewardship. | |
| | | Y | 4 | 4 | | | | | |
| 3 | Give priority to fuel efficient/low emission vehicles | | # of vehicles purchased (1) with fuel economy of at least 30 mpg and (2) meeting EPA Federal Emission Standards | | Shift to clean energy for both facilities and vehicles (agency seeking to achieve EO and agency's goal to increase the number of alternative fuel vehicles in the agency's fleet as noted in Sustainability Plan and agency policy). | Four GEMs and nine hybrids vehicles purchased FY 06 | Funds limited for new vehicles, especially alternative fuel models with high "up front" costs. | see above | |
| | | Y | 13 | NA | | | | | |
| | | | Average mpg of Fleet | | | | | | |
| | | Y | NA | NA | | | | | |
| 4 | 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.) | | # of pre-1996 Vehicles in Fleet 6/06 | FY06 replacements new& used 28 | Shift to clean energy for both facilities and vehicles (agency working towards achieving EO and agency's goal of replacing all pre-1996 light duty vehicles from agency's fleet by 2008 as noted in the agency's Sustainability Plan) . | State Parks Fleet Manager has made a concerted effort to reduce pre-1996 light duty vehicles (yet many still exist in the park system). | Funding/staffing is not currently available for efficient fleet management. Light duty p/u trucks are the workhorse of State Park field operations and there are limited alternatives available at this time. | The fleet manager estimates less than 50% of the agency's statewide fleet is older than 1996. | |
| | | N | 64 | 28 | | | | | |
| 5 | Use minimum 5% biodiesel for agency vehicles, and replace standard diesel with a 20% biodiesel blend by 2009. | | Gallons of Diesel Purchase | Gallons of 5% biodiesel purchased | Gallons of 20% diesel purchased | | | | |

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| I | Green Buildings | | | | | | | | | | |
| | | NA | NA | NA | NA | | | Shift to clean energy for both facilities and vehicles (agency working towards achieving EO and agency's goal of increasing the use of alternative fuels as noted in the agency's Sustainability Plan). | One park is currently testing biodiesel, however, no data available on this pilot project. | Limited access to biodiesel and funds required to modify equipment to accept this fuel. | |
| 6 | 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. | | Estimated # of Vehicles in Fleet | Fleet Management Plan Submitted | Contract Transferred to GA | | | Shift to clean energy for both facilities and vehicles (agency working towards achieving a fleet management plan by 2013 as noted in the agency's Sustainability Plan). | | Inadequate agency funds to staff a full time fleet manager; budget limitations hamper fleet improvements. | |
| | | N | 600 | N | N | | | | | | |
| 7 | Request fuel efficient, low emission vehicles for employees from commercial vendors. | | | | | | | Shift to clean energy for both facilities and vehicles (agency working towards adhering to OSP statewide vehicle contracts as noted in the agency's Sustainability Plan). | | | |
| | | N | | This is a 6.A., OSP authority. | | | | | | | |
| III | Reduce Lifecycle Impacts of Paper Products | | | | | | | | | | |
| 1 | Purchase office paper with a minimum of 30% post consumer recycled content. Report includes 8.5x11 paper in separate column from other paper. | | Reams of Paper Purchased | | | | | Follow the agency's Paper Directive 04-02 which requires a minimum 30% recycled PC content statewide. Long-term goal is to reduce use of office paper by 30% from baseline in 2003. | Paper Directive followed and headquarters, region, and park offices are using 100% recycled chlorine-free paper. The agency spent over \$15,520 in FY06 at Central Stores for paper products. Justifications for use of virgin paper - Agency purchasing officer required to use this product. | None (excepting need to use a limited number of virgin reams). | FY06 the agency use of paper from Central Stores shows a 17% decrease in paper purchased from the two prior fiscal years. 96% of all paper purchases (all size and colors) were for products that had post-consumer recycled paper fiber content. |
| | | Y | Virgin paper | 30 -100% Recycled 8.5x11 | 30-100% recycled color and other sizes | % of Paper Purchases with Some Recycled Content | | | | | |
| | | | 214 | 4476 | 379 | 96% | | | | | |
| 2 | Reduce use of office paper by 30% based on FY 2003 plans | | Reams Purchased for \$13,700 FY 2006 | Est. Reams Purchased \$16,765 in FY 05 | Reduction from FY 05 | | | | | | |
| | | Y | 4855 | 6096 | 18% | | | Agency progress is good with an 18% reduction in | | | |
| 3 | Increase the percentage of environmentally preferable paper | | | | | | | | | | |

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| I | Green Buildings | | | | | | | | | |
| | Environmentally preferable paper (EPP) purchased to at least 50%. (EPP is defined as 100% recycled content paper with a minimum of 50% post consumer waste.) | Total reams FY 06 was 5,069 only 214 was not recycled Y | Reams of 100% Recycled Paper Purchased (8.5x11) 4476 | 100% Recycled Paper as a Percent of Total Paper Purchases 86% | | Expand markets for environmentally preferable products and services (agency working towards 30% reduction in paper use by 2007). | paper use from the prior year. Paper Directive 04-02 has helped to encourage staff to conserve paper. In FY07 sustainability team members will provide support to staff and develop other educational tools to regarding recycling and paper use. | There is a need to better train agency staff in sustainability technologies and monitoring/reporting techniques. | Paper Directive 02-04 has helped agency reduce use of paper and to use the required recycled content papers. | Over \$3,000 saved in FY06 due to less paper use. |
| | 4 Recycle 100% of used office paper (tracked only at HQ in Olympia). | | Accomplished (vender reported 17,600 gallons converted below to pounds). 43856 | | | Reduce or eliminate waste through recycling programs and other means (as required in the EO, agency's sustainability plan, and policy, agency will increase recycling at parks and develop ways to track recycling accomplishments). | HQ recycled 43,856 pounds of waste paper (per Pacific Disposal records - the agency's recycling agent). Also, 96% of parks have programs to recycle paper. | Tracking of recycled paper is only done at HQ, however, many regions and parks also recycle when possible. Staff time to track recycling data is not available or funded at this time. | | |
| | 5 Increase use of post-consumer recycled janitorial paper products before 2013. | | | Cases of Janitorial Paper Products Purchased 469 | Cases of Products with Recycled Content Purchased 23 | % of Janitorial Paper Products with Recycled Content 5% | Expand markets for environmentally preferable products and services (agency working to the use of recycled janitorial products and other EPP as identified in the State Parks' Sustainability Plan). | 5% of all janitorial paper purchased in FY 06 was 100% Recycled toilet tissue. | The cost of new dispensers to accommodate recycled paper products is a barrier to many parks changing to EPP tissues products. | |
| IV | Achieve gains in energy and water conservation | | | | | | | | | |
| | 1 Reduce energy purchases by 10% from FY 2003. | | | | | | | | | |

| Required Actions | | In Compliance | | | | Goals | Progress to Date | Barriers & Challenges | Success Factors | Documented Savings | |
|------------------|--|---------------|---|--------------------------|--|------------|---|--|---|---|--|
| 1 | Green Buildings | | | | | | | | | | |
| | | | FY 2006 Energy Purchases | FY 2005 Energy Purchases | % Reduction in Energy Purchases | Units Used | Minimize energy and water use (agency working to reduce the purchase of energy as identified in the EO, State Parks' Sustainability Plan and policy). | Over 30 parks have been audited by PSE (Puget Sound Energy), and three have made upgrades and are saving. Other parks plan to take action on audits in 2007. | Total use appears to have declined while overall costs increased. No data available at this time to make direct year-to-year comparisons. Agency lacks funds and staff to undertake monitoring and accounting activities. | Audits by PSE (Puget Sound Energy) have been helpful. 93% of the field believe that they are saving energy through sustainable practices. See attached "Success Stories". | PSE rebates to three parks brought over \$15,000 to the agency which was used to offset the cost of upgrades in lighting at agency facilities. |
| | | N | \$3,311,152 | \$3,130,048 | -6% | NA | | | | | |
| | Establish on-site programs promoting energy conservation (for example, prohibit personal appliances). | | Energy Conservation Program Developed | | | | Minimize energy and water use (agency working to promote energy conservation measures as identified in the State Parks' Sustainability Plan and policy). Integrated Sustainability Plan (ISP) checklist will be used by agency as a tracking and planning tool. | Agency sustainability Policy and Integrated Sustainability Plan (ISP) checklist (developed as a tracking and planning tool). | Limitations in staff time and funds hampers the promotion of more on-site energy conservation activities. | Energy audits have been conducted in some parks and steps have begun to institute energy conservation measures. | |
| | | N | (If so, please describe in boxes at right). | | | | | | | | |
| | Use renewable resources (describe any onsite projects or purchases of green power) | | % Green Power Purchased (Green Tags) | | | | Shift to clean energy for both facilities and vehicles (agency working to expand green energy use as noted in the Sustainability Plan). | Two parks (Sucia and Hope Island) use only solar power. | Limitations in funds (and staff time, but to a lesser extent) and availability of green power sources hampers the acquisition of renewable energy. | | |
| | | | FY 2006 | FY 2003 | | | | | | | |
| | | N | 0 | 0 | | | | | | | |
| 2 | Report total energy use annually to GA. | | Total Energy Use FY 06 | Total Energy Use FY 05 | EC total Utilities - Total Energy Use Biennium 03-05 | | Minimize energy and water use (agency working towards refining an energy auditing system to track energy conservation measures called for in the Sustainability Plan and policy). | | Limitations in staff time makes it challenging to create an effective energy auditing system. | | |
| | | Y | \$3,311,152 | \$3,130,048 | \$5,721,837 | | | | | | |
| 3 | Reduce water use by 10% from FY 2003. | | FY 2005 | FY 2003 | % Reduction | | | | | | |

| Required Actions | | In Compliance | | | | | Goals | Progress to Date | Barriers & Challenges | Success Factors | Documented Savings |
|------------------|--|---------------|---|------------|--------------|------------|--|--|---|---|---|
| I | Green Buildings | | | | | | | | | | |
| | | | water used | water used | in water use | Units Used | Minimize energy and water use (agency working towards reductions in water use as noted in the Sustainability Plan and policy) | Approximately 85% of parks believe that they have initiated water conservation measures. | Most parks have on-site water systems (wells) which make the tracking of water consumption difficult. | | |
| | | N | na | na | na | na | | | | | |
| 4 | Establish on-site programs promoting water conservation | | | | | | Minimize energy and water use (agency working towards reductions in water use as noted in the Sustainability Plan and policy). | Renovation and new construction use select green building practices to advance water conservation measures. | Time (staff) and money (cost of replacement and/or high tech equipment) are the principal hurdles to greater application of water conservation technologies. | A number of parks use waterless and composting toilets; also rainwater collection system in use (e.g., Hope Island Park). | |
| | | N | | | | | | | | | |
| V | Reduce use of products with persistent, toxic chemicals. E.O. 04-01 | | | | | | | | | | |
| 1 | Adopt measures to reduce use of equipment, supplies and other products that contain persistent, toxic chemicals. | | | | | | Shift to non-toxic recycled and remanufactured materials (agency working to reduce the use of products with toxic chemicals as directed in EO and agency's Sustainability Plan and policy). | Limited (somewhat difficult to measure however). | This effort would benefit from additional management direction to staff that they need to adopt the use of low toxic materials in the park system. | | |
| | Link to E.O. 04-01 | Y | Ongoing education and technical support to park and field staff on EO, laws and GA contracts to use for florescent bulb and ballast to recycling. | | | | | | | | |
| 2 | Reduce Litter and promote recycling | | | | | | | | | | |
| | Establish and improve agency wide litter and recycling program. | | | | | | Reduce or eliminate waste through recycling programs and other means (agency working to educate staff and public about agency recycling program and waste reduction goal as noted in Sustainability Plan). | The Ecology Interagency agreement for FY 06 funded the removal of over 89,000 pounds of waste, including: 1 motor home; 3 dozen tires; 7 car hulks, and 6 appliances. Funds also helped Fort Worden start worm composting center, and a new recycling center for Birch Bay and Camano Island (both made of recycled plastic). Lake Chelan received funding to build a recycling center. | This effort is underway, however, as with most sustainability activities staff time and funding limits more rapid establishment of an agency wide litter and recycling program. | Agency receives funds from Interagency agreement with Ecology for help with agency Litter and Recycling program. | Proactive recycling programs fostered within the agency by technical support from sustainability coordinator and sustainability team members has reduced waste and garbage in many parks. |
| | | Y | | | | | | | | | |
| VI | Communications and Education | | | | | | | | | | |
| 1 | Take steps to educate employees or clients | | | | | | | | | | |

| | Required Actions | In Compliance | Goals | Progress to Date | Barriers & Challenges | Success Factors | Documented Savings |
|---|----------------------------|---------------|---|--|---|---|---|
| I | Green Buildings Clients | | | | | | |
| | | Y | Please Describe Steps Taken to Educate Employees and Clients and Increase Awareness in Boxes at Right | Reduce or eliminate waste through recycling programs and other means agency working to educate staff to sustainable practices and emerging technologies as noted in the Sustainability Plan and policy). | A number of communication tools were developed and used during the past year to promote sustainability activities: fact sheets, agency policy, an Integrated Sustainability Plan (ISP), and sustainability display posters. | Additional funds would help to expand educational efforts (e.g., annual, regional overview trainings on sustainability; targeted sustainable practices trainings as needed on subjects such as energy audits or starting a recycling program in your park). | Dept. of Ecology litter funds used for signs, labels and posters related to recycling program. 200 CD's with new Sustainability Policy and ISP went to all parks, regions and headquarters service centers. |

State Parks Executive Summary

Annual Sustainability Progress Report 2006



This report provides an annual update of Washington State Parks' (Agency) progress towards achieving sustainability targets outlined in Executive Orders and agency plans and policy. In brief, during the past 12 months the agency has demonstrated:

- A 25% increase in the use of alternative fuel vehicles from 2005; this increase is, in part, due to the purchase of new bicycles for use in the field and the purchase of hybrid vehicles for use at headquarters and regional offices.
- An increase in recycling efforts (14%) in parks undertaking these activities.
- A 15% increase in field staff requests to learn more about sustainable practices.
- Parks reported a 2% increase in sustainability educational programs in past year.
- Parks reported a 3% decrease in water conservation activities from 2005.

To support sustainable practices the agency will pursue the following goals in FY 06/07:

- 1 Institutionalize sustainability;
- 2 Raise employee awareness of sustainable practices in the work place;
- 3 Minimize energy and water use;
- 4 Shift to clean energy for both facilities and vehicles;
- 5 Shift to non-toxic recycled and remanufactured materials in purchasing, construction, renovation and regular maintenance procedures, where possible and available;
- 6 Expand markets for environmentally preferable products and services, through purchasing practices, recycling programs and other means;
- 7 Reduce or eliminate waste through recycling programs and other means, and
- 8 Preservation and protection of natural, cultural and recreational resources.



The 2006 Sustainability Plan Update (separate WORD document) reflects the long range goals, actions, and potential performance measures the agency will apply to achieve its sustainability goals and comply with its policy direction. This 2006 Progress Report (EXCEL workbook) points out sustainability advancements and challenges experienced by staff during FY06. Also enclosed is a supporting document entitled "Success Stories 2006."

The Agency's new Sustainability Policy was signed by the Director on September 1, 2006. The Policy establishes a permanent standing Sustainability Team, and requires each park, region, and agency service center to develop an Integrated Sustainability Plan (ISP) incorporating sustainability into their operations before July 1, 2009. An ISP identifies particular practices that will be undertaken to support the agency's goals. The Sustainability Team will manage the development, training, and use of ISP, which are subtitled "A Foundation for Change."

State Parks Sustainable Practices 2006

"Success Stories" 2006 as Reported by Park Managers & Staff



Birch Bay - The park has been recycling waste materials for 20 years, including: motor oil, aluminum, plastic, glass, cardboard, paper and batteries. Interpretive signs, and targeted programs to reduce the park's waste stream are part of educational programs. Staff are reducing the use of pesticides and fertilizers, as well as working to control noxious weeds with a Integrated Pest Management plan. The park has benefited from a partnership with the local noxious weed board, who released 600 bugs to attack spotted knapweed in the park this past summer. Staff use 2 Gators and 2 bicycles inside the park.

Camano Island - The park's new recycling program for visitors was started in 2006 and includes educational signage. Water conservation goal achieved by not irrigating. Staff have started purchasing EPP products. Parks goal is to use products that meet park needs and are also environmentally safe.

Fort Casey - Park uses electric vehicle and exploring the possibility of adding a solar charging station. In partnership with local Friends group, the park recycles and promotes environmental education relating to saving energy and practicing stewardship.

South Whidbey - In 2006 the park received a PSE energy conservation rebate grant of \$800 for completing upgrades recommended in Energy Audit. Park uses reminder signs in the shower stall to make sure the water is completely shut off when not in use. Staff use an electric golf cart and 2 bicycles inside the park.

"Success Stories" 2006 as Reported by Park Managers & Staff



Rockport - The park installed new efficient windows as well as a new efficient heating systems in 2006. Staff limits watering of lawns, use small in-park vehicles, and recycles aluminum cans.

Cape Disappointment - Satellite park, **Leadbetter**, is a designated Centennial 2013 Model Stewardship Park because of its potential, not its number of visitors. Leadbetter has a toilet, and trails with interpretive signs for pack-it-in and pack-it-out.

Dash Point - Jr. Ranger program provides educational events for visitors to park. Park conserves water by not irrigating. To lower impact on environment, park uses a diesel Gator and bikes inside of the park.

Belfair - Park provides, an interpretive program each Saturday which sometimes will focus on recycling and water conservation. Staff plan to remove old lighting and convert to more energy efficient products in 2007. All staff are encouraged to use alternative vehicles. Park uses primarily recycled paper products.

Fort Ebey - Fluorescent lighting is in use throughout the park. Staff uses one Gator inside the park. Park buys durable and reusable products, environmentally friendly cleaning products, and recycled content materials when possible. Staff conserves paper by printing on both sides.

"Success Stories" 2006 as Reported by Park Managers & Staff



Saint Edwards - VendingMisers installed (free from PSE) on all vending machines in 2006. Park cut water use significantly in 2006, by repairing broken pipes and following a water conservation program. Staff use 3 bikes inside the park. Park staff recycle and have started a worm bin composting project. With help from local friend groups, the park started a native plant pilot project in 2006.

Federation Forest - The first stage of upgrades per Puget Sound Energy (PSE) Energy Audit was changing lighting in the Interpretive Center building. With support from PSE and agency's sustainability coordinator, interruptive signs concerning energy savings in the park are being developed. More lighting upgrades to facilities will be done in 2007. Parks native plants project provides sustainable practices demonstration. Park uses low water consumption toilets and faucets. Staff use Gator and a diesel tracker. Paper use was reduced by recycling 95% in office over past two years. Staff recycles newspaper, aluminum and plastic.

Kitsap Memorial - Parks day-use restroom doors are left open to circulate air rather than running fans; and lights are not used in the summer. Park uses energy-efficient lighting, limits watering of landscaping, and whenever possible buys EPP products. The park recycles aluminum, miscellaneous paper products, newspaper, cardboard, plastics, bottles, and scrap metals.

Kopachuck - Junior Ranger program and interpretive activities sometimes include sustainable practices. To save energy, park added insulation to buildings and changed to efficient florescent lighting. Park is saving water by using low flow toilets/showers and limiting watering of grounds. Staff use small in-park vehicles and bicycles. Staff use some EPP products available through Central Stores. Park recycles aluminum, plastic bottles, glass, cardboard boxes, office paper, and florescent tubes. Additional recycling is done at the park residence, including composting kitchen waste.

"Success Stories" 2006 as Reported by Park Managers & Staff



Millersylvania - Low flow showers are used in all restrooms and a low flow water tower was installed at the RV dump station in 2006. Staff also installed underground water pipes to eliminate leaks. Small in-park gas powered golf cart, bicycles, and a Segway are used in-park. Staff have installed energy efficient light bulbs in some buildings, however, recommendations from 2004 PSE's Energy Audit are planned for FY07 and FY08. In 2006 park started buying EPP products. Staff are developing a recycling program that could eliminate 30% of park's garbage disposal by recycling: aluminum, glass, cardboard/paper, and plastic. New recycling program is in early stages of development, with a pilot recycling program started in 2006 for day-use areas and campground. Starting this past summer 2006, aluminum cans and glass recycling bins have been available to guests. Park staff are working with the agency's sustainability coordinator and Pacific Disposal to develop a successful recycling program plan to implement in FY 07 at park.

Lake Sammamish - Park has interpretive programs which mention sustainability issues. With partial funding from PSE energy rebate grant program, staff replaced all light fixtures, in the park, office, and agency's Maintenance Shop, with energy efficient bulbs and ballasts. In the past two years staff have dug up and repaired 100% of the water fountain supply lines, ending many underground leaks. Park staff use 2 Gators, 1 electric cart, and 2 bicycles inside the park. Staff purchase paper products with a high post-consumer waste content and recycles office and shop materials. Park considering public recycling stations in the park for FY07. Park staff currently recycles cardboard, office paper, plastic, aluminum, and construction waste. A large dump site clean-up at (satellite park) Bridal Trail was completed in 2006 using matching grant funds from Ecology's "Litter and it Will Hurt" program.

Fort Worden - Club Cars are used vs. full size trucks in park. Fort Worden has had an active recycling program for over five years. In 2006 a new pilot waste food composting program was started. Park has low flow toilets and showheads in use. Fair Trade & Organic coffee selected for Food Services. The Rothschild House, managed by Fort Worden, is one of five agency Model Stewardship Park facilities.

"Success Stories" 2006 as Reported by Park Managers & Staff



Hope Island (satellite to **Jarrell Cove**) - Staff often talk to visitors about the (roof-top) solar electric system, the rainwater catchment system, and the garden on Hope Island. The park's restroom lighting is powered by solar photocells and is programmed to turn lights on when it is dark. Staff installed a drip irrigation system that provides water to parks garden. Two bicycles are used by ranger and staff. The park provides 100% recycled T.P. in restrooms and staff use recycled paper products in office. This island park also recycles cans, plastic, glass, mixed paper, and used motor oil.

Lake Easton - Park staff use a electric club car, a Gator and two bicycles inside the park. Environmentally Preferred Products (EPP) are used depending on the effectiveness of the products. The park recycles, aluminum cans only, but have plan to expand in 2007.