



2011 Sustainability Report



Port of Vancouver USA

Annual Report
WE CAN! Task Force

2011 SUSTAINABILITY REPORT

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I. INTRODUCTION

PURPOSE OF REPORT

The purpose of this document is to describe the sustainability efforts of the Port of Vancouver (port, POV) for calendar year 2011 as part of the port's commitment to developing a sustainable port. This report includes a description of the port's approach towards sustainability, how sustainability management activities were undertaken during our formal sustainability efforts, and the progress made towards accomplishing our sustainability goals. The port is dedicated to sharing information about its sustainability priorities, goals, initiatives and performance. This Port of Vancouver 2011 Sustainability Report illustrates our commitment to good governance, transparency and responsibility to our community, employees, stakeholders and the environment.

PORT BACKGROUND

The Port of Vancouver was created in 1912 by the people of Vancouver. Back then, many businesses were located on the waterfront for easy access to the ships that plied the waters of the Columbia; but these were private businesses. Public ownership of the waterfront became imperative so that all citizens would reap the benefits of access to waterborne trade across the public shoreline. On April 6, 1912, a special election established the Port of Vancouver. There are now 75 port districts in the state of Washington with the Port of Vancouver being the third oldest and the third largest port in the state.



The port's marine trade and industrial business operations are growing. The port is currently underway on delivering the West Vancouver Freight Access Project, a dedicated dual rail carrier access unit train facility that will result in a tripling of rail service, with 40% reduction in mainline congestion and delays by 2017. The WVFA project will help unclog a bottleneck caused by trains coming into the port and

alleviates the stalling of national rail lines to the west coast. An important piece of the project, the loop track at Terminal 5, has already been delivered. The loop track project included the construction of seven and a half miles of new rail track, allowing the port to stage 100-plus car-long unit trains.



The port collaborated with other river ports and federal and state agencies to complete the Columbia River Channel Deepening Project. This 20-plus year project makes the port more accessible for larger ships with greater cargo capacity, creating an opportunity for new maritime business.

Each day, 2,300 people are directly employed by business at the port. The port has over 50 tenants, five marine terminals and 13 berths that handled nearly 5.6 million metric tons of cargo in 2011.

Three publicly-elected commissioners represent the interests of the population of the Port District. They work closely with port employees so that the port continues to provide economic benefit to our community by attracting new cargos, increasing cargo volume, innovating more efficient cargo handling practices, and keeping a vigilant eye on the environment of both the land and the river that serves it.

The port is dependent on a healthy environment, dedicated labor force, economic vitality, and sound leadership to ensure it remains a unique and vibrant center of trade.

II. SUSTAINABILITY AT THE PORT

WHAT SUSTAINABILITY MEANS TO US

The port is committed to the health of the economy, our community and environment. The concept of sustainability is not new to the port. While terms may evolve, our commitment to responsible resource use, protection of the environment, and making business decisions that recognize the balance between the decisions we make today and the consequences those decisions will have on the future have been in place for years.

While there are several definitions of sustainability, the simplest way of thinking about sustainability is to think of future generations, and make them a pledge that they will have all the freedoms and luxuries we had in our lifetimes. It means we find alternatives to using non-renewable resources, and find ways of doing the same things we do now without creating harmful effects to the environment. The Port of Vancouver strives to meet this definition through our short and long-term sustainability efforts.



We define sustainability through our values which give rise to our policies, our ethics and our port culture. They commit us to environmental stewardship, safe work environments, and socially-responsible behavior in our workplaces and our communities.

Mission Statement:

The Port of Vancouver provides economic benefit to our community through leadership, partnership and stewardship in marine and industrial development.

Sustainability ties into our core values. The port's mission statement is to provide economic benefit to our community through leadership, stewardship and partnership in marine and industrial development. Leadership means looking ahead for land and transportation opportunities and making sure our community's industry and waterfront property is protected for our future. Stewardship means taking care of the public's investment, being good stewards of our environment. Partnership is working with others

to ensure continued success and viability.

HISTORY OF THE PORT'S SUSTAINABILITY PROGRAM

In 2008, the port initiated the "We Can!" project. Through this project, the port inventoried previous sustainable efforts and accomplishments and began working toward measurable, consistent changes to improve upon the programs already in place and identify opportunities for future growth.

The port's effort began by forming a cross-departmental task force, the We Can! Task Force, to be the champions of the port's sustainability initiatives. Each department at the port designated an appointee to represent the unique needs and opportunities of their respective departments. The thirteen-member task force members developed the 2011 sustainability goals for the Port of Vancouver. The task force set goals with the following guidelines in mind. Goals must:

- Support the port's Mission Statement, Goals and Values
- Be Reasonable
- Be Achievable
- Have Measurable Benefits (where practical)
- Follow a Standardized Sustainability Framework

PROGRAM SCOPE

As a public port, our tenants, customers, users, and stakeholders are numerous. It was important for the port to define the scope and boundaries of the sustainability program. The port's program covers only those operations that the port has actual power of control over. Organizational boundaries are defined by operational control; therefore, facilities or operations meeting any of the following criteria were included:

- wholly owned and operated/controlled by the Port of Vancouver;
- the Port of Vancouver has full authority to introduce and implement operating policies (i.e., holds the operating license);
- the Port of Vancouver has full authority to implement operational and health, safety and environmental policies.



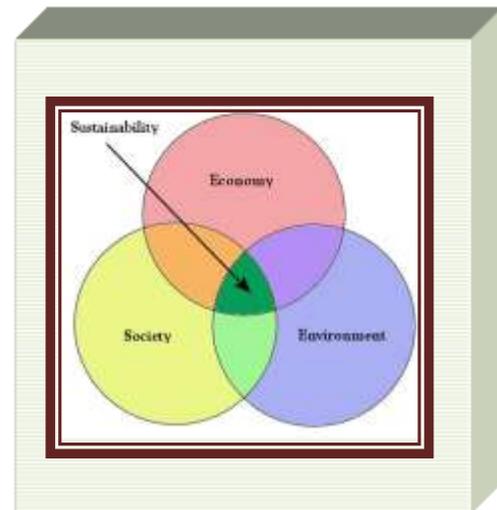
The port believes it is important to reach out to those outside of its organizational boundaries to encourage sustainability among its stakeholders and lead by example. In addition to speaking engagements, articles in numerous port publications to tenants, the port's voting district, employees and stakeholders from the environmental community also highlighted the port's sustainability efforts and project updates to encourage others to begin thinking sustainably.

SUSTAINABILITY REPORTING FRAMEWORK

The port's task force chose the globally recognized and respected Global Reporting Initiative's G3 Guidelines reporting framework to guide them through the process of goal setting and sustainability reporting.

The G3 framework divides sustainability into three dimensions of sustainability:

- Economic
- Environmental
- Social



GOALS, STRATEGIES AND TARGETS

In order to divide sustainability goals into achievable and measurable steps, strategies and targets were established for each goal.

- **Goals** - Identify the “big picture” of what the port is trying to achieve
 - **Strategies** - Actions the port can take to help reach the goal
 - ✓ **Targets** - Logical steps that can be taken by the end of the calendar year to achieve the strategy

After setting the goals, strategies and targets, the We Can! Task Force met quarterly during 2011 to track the progress of the 2011 targets.

RESULTS INDICATORS

The following Results Indicators symbolizing performance towards year-end targets have been selected to provide the reader with an easy-to-read format when viewing the Goals, Strategies and Targets tables in Section III of this report.



Target Exceeded



Target Achieved



Goal/Target Not Met



Target Carried Over to 2012

III. 2011 SUSTAINABILITY GOALS

ECONOMIC SUSTAINABILITY GOALS, STRATEGIES AND TARGETS



The Port of Vancouver is an economic engine to the southwest Washington region. The port provides economic stability to our region by producing revenue to our state and local services. The port’s strategy to ensure economic sustainability strives to provide longevity of economic diversity and funding through a sustainable, healthy mix of cargo, tenants and revenue generation. This section on economic sustainability goals has been divided into two distinct areas: Economic Performance and Indirect Economic Impact.

Economic Performance				
Goal	Strategies	2011 Targets	Indicator	Commentary
Secure funding to support port projects	Apply for available grants applicable to port projects	Apply for and actively pursue transportation funding from federal and state resources	★	Received the following grants/appropriations: FEMA Maritime Domain Awareness, FRA, FHWA/TIGER II, FMSIB, and WSDOT totaling over \$37 million.
	Maintain compliance with funding requirements	Ensure grant files are audit ready and no audit findings are realized	★	Grant files were ready for auditors. Auditors found no compliance issues.
	Deliver projects on time and on budget	Implement safe-guards to ensure change orders are less than 5% of total project budget.	★	Several procedures were implemented: review scope with project manager and engineer to ensure adequate resources are allocated for each task, include multiple departments earlier in the design process, hold lessons-learned meetings to evaluate what can be improved for future projects.

Indirect Economic Impacts				
Goal	Strategies	2011 Targets	Indicator	Commentary
Maximize efficient and productive uses of personnel time	Provide personnel with efficient use of technology in the workplace	Install new conference room communication/presentation systems	★	Conference rooms are now equipped with monitors for paper-free meetings. Upgraded communication systems for conference calls have also been installed to discourage unnecessary travel to meetings.
		Provide reliable and timely financial and management reports	★	Financial status of the port is presented to staff monthly at staff meetings. Financial reports are sent out to all port employees month-end.

Economic Sustainability Goals (cont.)

Indirect Economic Impacts (cont.)				
Goal	Strategies	2011 Targets	Indicator	Commentary
Maximize efficient and productive uses of personnel time (cont.)	Provide personnel with efficient use of technology in the workplace (cont.)	Present accounts receivable collection reports to electronically		To assist with maximum collection of accounts receivable, collection reports are now delivered electronically to directors and managers semi-monthly.
		Present Excel tip of the month at staff meeting		Excel tips are presented each month to administration staff at staff meetings to enhance Excel understanding, ease of use, and productivity.
		Timecard processing - provide an IT solution to track time (CMMS) into timesheets (Solomon)		The IT solution for the current manual system of tracking Maintenance Department's time is currently being developed. Anticipated system improvements scheduled for 2011-2012.
		Develop GPS Mapping Equipment Procedures and Implementation Program		Procedures were developed and implementation began in 2011. GPS equipment use has provided the POV with improved data and ease of use.
Maximize job and revenue generating activities	Maintain strong relationships with existing tenants and customers	Increase tenant participation at POV events and information provided to tenants.		Tenant breakfast, holiday open house, waterfront appreciation were planned and hosted by POV. All invitations were sent out via email, saving paper and postage. All events were well attended by large cross-section of tenants.
		Develop a WVFA Project Coordination Program with our tenants		Project Coordination Program was developed to include customers and tenants in project delivery considerations and keep them informed. Elements include regularly scheduled emailed project updates of current and future projects and project coordination meetings.
	Maintain transportation corridors essential to goods movement	Ensure POV/freight interests are incorporated into the Columbia River Crossing FEIS and ongoing project progression		Regularly participated in the discussions of freight movement through attendance of Coalition meetings. Port representative served as the Performance Measure Committee Chair.
		Complete an origin/destination truck study for port traffic		Completed study revealed 20-50% of total area truck traffic is port generated, Mill Plain is the most used port route to/from I-5, trucks change routes for time savings. Information will be used in planning efforts.
		Work with RTC/other partners to include freight/ POV projects into the 2011 Metropolitan Transportation Plan		POV representation on the RTC Board of Directors and on the Regional Transportation Advisory Committee to ensure port/freight interests were incorporated into final plan.

Economic Sustainability Goals (cont.)

Indirect Economic Impacts (cont.)				
Goal	Strategies	2011 Targets	Indicator	Commentary
Maximize job and revenue generating activities (cont.)	Maximize Marine and Industrial business	Continue to permit and develop Terminal 5 for project/wind cargo		Final development of cargo laydown areas completed the development of the 93 acres available at Terminal 5 in 2011.
		Communicate POV assets in trade publications		Publicity of POV assets (equipment, land, location, etc) where highlighted in multiple national and international trade publications (i.e. AdWords Campaign, Fortune Magazine Wrap) through new print campaigns.
		Create a platform for sustainable growth		Participated in AAPA Sustainable Marine and Industrial Development project along with other west coast ports to develop guidance for sustainable growth at port facilities.
		Develop and implement new project documentation and communication programs		Several steps have been taken to increase project documentation that is necessary for effective communication on project progress.
		Maximizing fill material procurement opportunities for Centennial Industrial Park		Sustainable approach has been developed for maximizing fill material utilization necessary for development of CIP. Fill material available from local projects is tested and screened prior to acceptance using a consistent protocol.
		Successfully deliver Farwest Steel purchase and sale transaction to deliver highest economic value to region		The sale of 20 acres to Farwest Steel was completed with safeguards in place to deliver productive, job-creating use of the property in perpetuity.

SOCIAL SUSTAINABILITY GOALS, STRATEGIES AND TARGETS



The social dimension of sustainability deals with the impacts the Port of Vancouver has on the social systems within which it operates. This section on the social and community goals, strategies and targets has been divided into six distinct areas: Employment, Health and Safety, Training and Education, Emergency Public Communications, Media and Communications, and Public Outreach.

Employment					
Goal	Strategies	2011 Targets	Indicator	Commentary	
Recruit and retain excellent employees	Provide an equal opportunity workplace	Develop and implement EEO4 reporting at POV (Application and applicant tracking)		Anticipated move to fully electronic process that will include an effective way to gather and report information is scheduled for 2012.	
	Ensure hiring of qualified employees that have the tools to be successful	Revise and replace employment application and process		While minor adjustments were made to the application processing, implementation of program revisions are anticipated for 2012.	
	Maintain employee satisfaction in the workplace	Enhance workplace flexibility opportunities			Options available to POV employees for workplace flexibility opportunities were expanded due to increased abilities to access POV servers remotely.
		Develop employee satisfaction survey that will solicit >50% feedback			Alternative methods of distribution and collection of surveys continues to prove successful. In 2011 the percent of employees participating was 71 percent.
		Hold "Take Your Child to Work Day" event for children of port employees			24 children of port employees enjoyed a day of activities: a presentation on how cargo moves, visit to tenant IMS Recycling, marine terminals, and wetlands to count critters and observe barn owl nest boxes, a BBQ, and a maintenance equipment hands-on demonstration.
	Track and implement annual and quarterly reviews	Develop and implement performance review process and forms			Development of the process, forms, and training was completed in 2010 with successful implementation at the beginning of 2011.
		Reduce late performance reviews			The number of late performance reviews was reduced by 8 percent compared to 2010 due to program improvements.

Social Sustainability Goals (cont.)

Health and Safety				
Goal	Strategies	2011 Targets	Indicator	Commentary
Maintain safe work environment	Ensure employees are safe in their work environment	Implement annual Material Safety Data Sheet (MSDS) audit for one key area/location		While MSDS records were maintained within regulation, the audit and inventory process was put on hold following a reorganization of responsibilities for staff. Audit scheduled for 2012.
		Improve quality and results of safety committee		Meaningful agendas and comprehensive meeting minutes were created as part of the improvement efforts. Also included broader communication with staff regarding committee activities.
		Develop and implement port rail safety program		The POV Rail Safety Program was successfully developed and implemented
Promote employee health	Ensure employees have access to health care and wellness information	Develop benefits committee to garner input and ideas for 2012 benefit renewal		Benefits committee was formed as a cross-departmental team to evaluate 2012 health insurance options. Committee was successful in facilitating the selection of a health care option that reduced POV costs while maintaining quality care to employees.
		Develop and implement corporate wellness goals for 2011		The POV medical provider developed wellness plan and incentives that are now used in place of POV wellness goals.

Training and Education				
Goal	Strategies	2011 Targets	Indicator	Commentary
Equip staff to meet current and future needs of the port	Provide Leadership Development Training to all supervisors	Develop and complete supervisor quarterly trainings		Developed training curriculum and performed quarterly trainings.
	Increase and support growth opportunities	Encourage departmental cross-training and educational opportunities		Employees are encouraged to cross-train with other staff and are taking advantage of the opportunity. The POV provides budget and time for training opportunities and also provides an educational assistance for higher education.

Emergency Public Communications				
Goal	Strategies	2011 Targets	Indicator	Commentary
Develop and maintain appropriate emergency notification and management plans	Develop a plan that outlines roles, responsibilities, and procedures for managing port's water system	Develop a Water System Emergency Response Plan for the port's drinking water system		Incorporated as a section of the port's Emergency Preparedness Plan the Water System Emergency response plan outlines roles, responsibilities and procedures for managing the response to a drinking water system-specific incident, including notification procedures to Port water users.

Social Sustainability Goals (cont.)

Media and Communications				
Goal	Strategies	2011 Targets	Indicator	Commentary
Communicate with the media electronically	On-line news releases and media communications	Provide news releases and media communications on-line and drive marketing and communications to website		Implementation occurred in 2011 with continued efforts expected as the website is redesigned in 2012 to better serve media and marketing needs.
Develop electronic public information templates	Use electronic means whenever possible to communicate updates regarding port projects, issues and policies	Develop electronic letterhead and forms for transition into Centennial		Centennial electronic letterhead was created and all other port forms were updated to include the Port of Vancouver Centennial logo to celebrate the port's 100th year of operation.
Develop and maintain an effective, interactive web site	Maintain web site as an effective means of stakeholder information	Increase use of website as POV library/focal point for marketing, outreach and communications		While the current website continues to be a useful tool for marketing, outreach, and communications, an audit noted the need for a major website overhaul to improve these functions. Website redesign will occur in 2012.

Public Outreach				
Goal	Strategies	2011 Targets	Indicator	Commentary
Develop relationships and open communications with key stakeholders	Communicate and participate regularly with organizations	Encourage port involvement in local schools through Junior Achievement and tours		12 port staff participated in Junior Achievement for local schools. Tours were also provided throughout the year to school groups.
		Deliver 2011 Speakers Bureau program based on POV key initiatives and community developments		Presentations on POV key initiatives and developments were provided for a variety of neighborhood meetings and other community events.
	Communicate development, transportation, mitigation, etc. projects to public	Expand promotional platform for VIP tours to attract new attendees		Increased tours to 8 per year, including 2 weekend and 2 evening tours. Also, lowered age to 6 yrs. to allow more families to attend.
		Transition from a yearly marketing and advertising planning process to a two-year planning process		Extending marketing and advertising plans provides the ability to evolve advertising campaigns to deepen relationships, build credibility while at the same time continue to increase awareness and generate business.
		Maintain database of public records requests. There were 30 requests in 2011.		Database was created and tracked. Thirty public records requests were filed and timely response was provided on all of them.

ENVIRONMENTAL SUSTAINABILITY GOALS, STRATEGIES AND TARGETS



The port's environmental values demonstrate our commitment to environmental sustainability:

- Integrated Decision Making
- Sustainability
- Pollution Prevention
- Compliance

When developing the goals and objectives for environmental sustainability, the port considered impacts to, land, air and water. This section on the environmental sustainability goals, strategies and targets has been divided into four distinct areas:

Biodiversity, Emissions-Effluents and Wastes, Materials, and Water,

Biodiversity					
Goal	Strategies	2011 Targets	Indicator	Commentary	
Protect and enhance natural environment	Develop Wetland Mitigation Bank	Begin construction of Wetland Mitigation Bank	★	Bank construction began in 2011 with grading to create and enhance wetlands and habitat features installation. Grading work created 25.5 acres of wetlands, enhanced 87.71 acres of wetlands, and enhanced 40.65 acres in the floodplain.	
	Ensure green spaces and landscaping are included in development projects	Measure money spent on green spaces/ landscaping in development projects	⬡	This goal was abandoned as unnecessary. Green spaces and landscaping are installed as part of development projects. Measuring money spent was not found to be a helpful exercise as it varies widely from year to year depending on number and types of projects occurring each year.	
	Monitor and protect wildlife on and around port property		Champion BPA avian strike avoidance on Parcel 6, coordinate efforts with Clark Public Utilities natural resource staff	★	Participated in BPA testing and input for avian power line strike avoidance equipment. CPU staff coordinated in the effort.
			Develop wildlife encounter procedures to guide staff in handling wildlife on POV property	★	Guidelines were developed by working with the resource agencies for effective and safe handling of wildlife encounters on developed POV property.

Environmental Sustainability Goals (cont.)

Emissions, Effluents, Waste					
Goal	Strategies	2011 Targets	Indicator	Commentary	
Decrease volume sent to landfill	Improve port recycling program	Implement composting when method becomes available to service the port		POV Administration buildings implemented composting in 2011; the compost service provider does not service the secured area of the port.	
		Coordinate recycling field trip to local transfer station so employees can see how the process works		A field trip was arranged and eight employees took the tour. In addition, photos of the trip and details were shared with the rest of the port staff through the employee newsletter.	
		Perform waste audit to measure recycling successes		A waste audit was performed, while total waste volume per employee increased slightly (by 0.08 gallons/day), the POV has a decrease of approximately 28 gallons/day since 2009. New collection signage and outreach was implemented 4th quarter to increase recycling percentages.	
	Minimize use of office supplies	Implement reusable/returnable envelopes for distribution of payroll items			POV continues to work toward the elimination of the need for envelopes entirely. Employee newsletters are now delivered electronically. However, paycheck envelope elimination has been deferred to 2012 to give POV additional time to seek viable alternatives.
			Implement technology to process time cards and leave of absence slips electronically		Time cards submittal was successfully converted to electronic format. Leave of absence slips are scheduled to be converted in 2012.
		Promote "born electronic - keep electronic" Native Format for sustainability and meta-data preservation		Presentations and emailed reminders to staff regarding the importance of keeping electronic media in electronic form for preservation of information and for reduced use of materials necessary for printing.	
		Create efficient management of office supply store room		Office supply store room was reorganized to create efficient use and ordering rotation.	
		Reuse/recycle materials from office equipment and electronics	Identify long-term management option for equipment upgrades		Computer equipment that has reached the end of its useful life is brought to POV tenant, IMS Electronics. IMS is a Washington Department of Ecology certified electronics recycling facility, ensuring environmentally safe recycling practices.
	Encourage POV employees to responsibly recycle electronics waste			POV sustainability team coordinated an electronics recycling collection day after the holidays to encourage recycling of old equipment. Fourteen employees participated in the event.	

Environmental Sustainability Goals (cont.)

Emissions, Effluents, Waste (cont.)				
Goal	Strategies	2011 Targets	Indicator	Commentary
Reduce stormwater pollutants entering MS4	Install treatment BMPs in areas with heavy contaminant loads	Evaluate effectiveness of Terminal 2 bioretention system renovations. Implement improvements as necessary.		The bioswale at Terminal 2 was upgraded to a bioretention system in 2010. Sampling results have been below permit benchmarks for 2011. Maintenance of the system was performed to optimize function.
		Construct new permanent street sweeper decant facility to replace temporary facility		This project has been delayed. Efforts to secure proper placement unaffected by other construction projects are ongoing.
Reduce total emissions to air	Reduce total greenhouse gas and diesel emissions	Reduce carbon footprint through sustainable purchasing practices		Purchasing office supplies is now done in batches to limit number of delivery trips from office supply provider.
		Work with Ecology to install emission control devices on applicable diesel equipment under the Clean Diesel Grant		After POV fleet reevaluation by Ecology following information of malfunctioning devices on other fleets, one of the POV cranes received an emission control device, reducing the diesel particulate emissions over 25%.
		Identify areas of unnecessary idling and partner with tenants to reduce excessive idling per POV anti-idling campaign.		Areas were evaluated routinely and three additional areas receiving anti-idling signage. Two tenants implemented the campaign on their leaseholds.
		Outreach to customers and tenants regarding emission reducing activities		Green Trucking Guides highlighting new technology that helps reduce emissions and increase fuel efficiency were distributed to truck drivers. Anti-idling flyers were also distributed.
	Support the development of renewable energy projects	Purchase renewable energy credits equivalent to 100% port-owned energy use		The port purchased 5,052 renewable energy certificates from wind energy sources, equivalent to 100% of the port energy use for 2011.

Energy				
Goal	Strategies	2011 Targets	Indicator	Commentary
Reduce Energy Use	Install energy efficient lighting	Complete energy conservation lighting upgrades in buildings with highest energy savings potential		Lighting was upgraded in Buildings 3309, 3205, and 2401, . The upgrades resulted in 442,027 Kilowatt hours saved, resulting in an annual savings of \$34,036 for the port and tenants.
		Evaluate building(s) for upgrade in 2012.		Buildings 2305, 3105, 2835, & 3201B&C have been evaluated for 2012 energy efficiency upgrades.
	Reduce inefficient use of lighting	Upgrade controllers in Terminal 4 lighting		Project was completed in first quarter 2011, resulting in energy savings from installation of accurate, efficient lighting timers.

Environmental Sustainability Goals (cont.)

Materials				
Goal	Strategies	2011 Targets	Indicator	Commentary
Purchase materials that are cost effective and environmentally preferred	Purchase environmentally preferred products	Increase percentage of recycled content in copy paper.		New copiers were leased in 2011 that handle paper with recycled content much better than older leased equipment. The port currently uses 50% recycled content paper in all copiers.
		Use environmentally preferred office supplies, when available		Environmentally friendly supplies are always ordered when available and cost efficient.
Reduce hazardous chemical usage	Reduce hazardous chemical used by port maintenance	Evaluate nonhazardous products to replace hazardous chemicals currently in use.		While the POV will continue its efforts to look for ways to use nonhazardous alternatives in the maintenance shop, all suitable replacement products have been evaluated in order to meet performance needs at this time.
		Measure amount of hazardous products replaced with nontoxic alternatives.		The POV has replaced approximately 23 gallons/year with nontoxic alternatives.
	Reduce toxic cleaners and products used by janitor	Measure amount of toxic products replaced with nontoxic alternatives.		The POV created new janitorial contract language requiring the use of non-toxic/environmentally preferred cleaning products for all products used by the janitorial contractor.

Water				
Goal	Strategies	2011 Targets	Indicator	Commentary
Reduce Impacts to Surface Water	Encourage tenant involvement and increase awareness of stormwater impacts	Implement Clean Water Challenge for tenant involvement in reducing stormwater impacts		The Clean Water Challenge was created in 2011 to raise the level of stormwater awareness and reward tenants who go above and beyond to reduce impacts from their operation on surface water. The port partnered with EPA's clean water campaign for the Columbia River.
Protect Port's Drinking Water System	Install spill protection and procedures to reduce fluid dumping in Wellhead Protection Area	Install additional security cameras along port way		Additional cameras were installed in key areas in 2011.
	Revamp Environmental Management System (EMS) for port's drinking water	Incorporate identified efficiencies into EMS plan and procedures.		Efficiencies to streamline EMS plan and procedures for the port's drinking water system were conducted in 2011 to ensure ongoing plan success.

OTHER SUSTAINABILITY SUCCESS STORIES

The port experienced other successes in sustainability that were not captured in the above goals. Some of these successes result from ongoing projects from previous years from which the port continues to gain benefit. In addition, other projects contributed to the port's sustainability efforts that were unplanned at the time of publication. Below are several examples of these successes.

- **Lighting System Upgrades:** As a result of the port's efforts to upgrade lighting systems throughout the port's property, the port has conserved approximately 1,512,027 kilowatt hours since tracking began in 2009, an annual average savings of over \$42,000 for port tenants and customers. This ongoing project will continue upgrading efforts and will work in collaboration with Clark Public Utilities.
- **TCE Treatment System:** Working with the Washington State Department of Ecology, the port continues cleanup solvent contamination left from a previous owner. The port has removed more than 660 pounds of volatile organic compounds. The port is using a groundwater pump and treat system which has helped decrease solvent concentrations by over 50 percent. The decrease has enabled the removal of treatment systems in the Fruit Valley neighborhood and frequent monitoring continues to track the cleanup progress.
- **Less Trash:** The port has seen an overall decrease over time of the amount of solid waste generated by port employees. Since 2008, the port has teamed with Waste Connections to perform annual waste audits. These audits show that from 2008 to 2011, the amount of waste generated per employee has decreased by 60%.
- **Air Emissions Reductions:** In 2011, the port teamed with the Washington Department of Ecology through their Clean Diesel Grant process to install an exhaust filter on the port's Grove crane in order to reduce the quantity of particulate matter (PM) in the emissions of the equipment's engine exhaust by up to 25%. With the crane operating on average of 600 hours per year, the reduction in PM due to this partnership with Ecology to protect regional air quality will amount to cleaner air for years to come.

IV. CONCLUSION

YEAR-END SUMMARY

The Port of Vancouver is looking towards the future; the future of generations to come and the future of the port as an important economic engine of our local community. By choosing to formalize sustainability efforts already underway at the port and develop a means for continuous improvement and identification of new opportunities through the development of the WE CAN! Task Force, the port is taking positive steps toward becoming a sustainable port. 2011 was the third year of the port's formal sustainability efforts. In 2011, the port:

- took stock of current sustainability actions
- continued to rely on a cross-departmental sustainability task force (the WE CAN! Task Force)
- set goals, identified strategies and began working toward year-end targets
- held quarterly task force meetings to track progress and identify challenges
- spoke to tenants, other Washington ports, employees about sustainability
- sent written information, newsletters about the port's sustainability efforts to stakeholders
- maintained a sustainability page on the port's website
- measured year-end progress toward 2011 targets

Overall, the third year of the formalized efforts was successful. The WE CAN! Task Force, together with the departments they represent, set 21 port sustainability goals, identified 38 strategies to achieve the goals and developed 73 year-end targets for 2011. Overall, the port met or exceeded 87% of its annual targets for 2011. Eleven, or 11%, of annual targets were postponed until 2012. The benefits to the port of achieving such a high percentage of the sustainability targets are apparent, with most targets resulting in a measurable or material benefit. An unexpected benefit of developing a formal sustainability program is the change in culture and behavior surrounding sustainable actions, with many inspired efforts beyond what was identified as annual goals.

NEXT STEPS

The port plans on continuing the effort started in 2008 into 2012 and beyond. The WE CAN Task Force will set new goals, strategies and targets for 2012 and continue to make progress for those targets that were deferred from 2011 into 2012. Sustainability efforts will be included into department goals for 2012. Integrating sustainability into every

aspect of the port's operation will promote the port's efforts to become a sustainable port.