

W. J. a.

TO: Board of County Commissioners

DEPARTMENT: Public Works, Waste Management Division

PRESENTED BY: Patti Hansen, Division Manager x3761
Sarah Grimm, Waste Reduction Specialist x4339

AGENDA ITEM TITLE: ORDER IN THE MATTER OF AWARDING THREE WASTE DIVERSION OPPORTUNITY GRANTS TOTALLING \$168,476 TO ST. VINCENT DE PAUL (\$20,000) FOR STRYFOAM RECYCLING EQUIPMENT, TO BRING RECYCLING (\$98,000) TO IMPLEMENT A BUSINESS WASTE PREVENTION ASSISTANCE PROGRAM, AND TO RESOURCE INNOVATIONS GROUP (\$50,476) TO ESTABLISH CLIMATE MASTERS PROGRAMS AT OSU EXTENSION AND LCC, AND AUTHORIZING THE COUNTY ADMINISTRATOR TO SIGN THE CONTRACTS.

I. MOTION

MOVE APPROVAL OF AWARDING THREE WASTE DIVERSION OPPORTUNITY GRANTS TOTALLING \$168,476 TO ST. VINCENT DE PAUL (\$20,000) FOR STRYFOAM RECYCLING EQUIPMENT, TO BRING RECYCLING (\$98,000) TO IMPLEMENT A BUSINESS WASTE PREVENTION ASSISTANCE PROGRAM, AND TO RESOURCE INNOVATIONS GROUP (\$50,476) TO ESTABLISH CLIMATE MASTERS PROGRAMS AT OSU EXTENSION AND LCC, AND AUTHORIZING THE COUNTY ADMINISTRATOR TO SIGN THE CONTRACTS.

II. AGENDA ITEM SUMMARY

Waste Management staff proposes to use Waste Diversion Opportunity funds to support three nonprofit agencies who have presented proposals that would enhance recycling opportunities and provide much needed waste prevention education and assistance to businesses in Lane County.

III. BACKGROUND/IMPLICATIONS OF ACTION

A. Board Action and Other History

In September 2007, the Board of Commissioners approved the development of a Waste Diversion Opportunity Program. Board Order 07-6-13-6 established fees

and provided direction on how those fees are to be used and accessed: **“used for projects approved by the Board that are designed to divert or prevent waste material from entering the landfill, including but not limited to, research and development. For example, funds could be used from this fund to assist a large manufacturer with a new waste diversion project, or assistance with the purchase of equipment to make a particular waste recyclable or reusable.”**

In March of 2008 the Board approved the allocation of \$25,000 of these waste diversion opportunity funds to conduct a food waste to energy pilot study. And in January of 2009, the Board approved use of these funds for a \$134,500 grant to NextStep Recycling for the purchase of equipment, supplies and promotion for a new computer reuse and recycling location in Springfield.

At the May 2009 meeting of the Resource Recovery Advisory Committee, Julie Daniel, executive director of BRING Recycling, presented a proposal and requested funds to develop a third-party resource efficiency certification program that would provide benchmarks and give technical assistance to businesses in achieving those benchmarks. RRAC committee members were duly impressed with the need for a business waste prevention program and with the experience and research BRING could lend to such a project.

At the June 2009 meeting of the Resource Recovery Advisory Committee, Sarah Mazze, Climate Masters Program coordinator for the Resource Innovations Group, a nonprofit affiliated with University of Oregon’s Climate Leaders Initiative, described how successful the two Climate Masters programs were. Now that their pilots have proven successful, it is time to find permanent homes for them in the community. OSU Extension is very interested in adding the Climate Masters at Home class to their services and Lane Community College’s growing Sustainable Business Development Department is ready to adopt the Climate Masters at Work program. Resource Innovations Group is seeking funding to administer the transition and provide first year funding for teacher salaries at each location.

In July 2009, NextStep Recycling, the only consistent local collector/recycler of EPS foam, issued a press release informing the community that they will not be accepting that material after August 1. As a result of community response, the county convened a meeting of local recyclers in order to identify possible ways to connect locally generated materials with end-use markets. The result of that meeting clarified that St. Vincent de Paul is both interested and in the best position to provide this recycling opportunity to residents of Lane County communities. St. Vincent de Paul is requesting funds to purchase the \$20,000 EPS compaction equipment.

The 2009 Oregon legislature passed Senate Bill 942 authorizing and directing the University of Oregon, after consultation with the Oregon State University Extension Service, to (a) Implement the Oregon Climate Corps through the University of

Oregon Institute for a Sustainable Environment Climate Masters program to help Oregon residents, businesses and other entities increase their understanding of climate change, to reduce greenhouse gas emissions and to address the climate change challenges that Oregon faces. (see attached for full text)

B. Policy Issues

The Lane County Solid Waste Management Plan (SWMP), adopted by Ordinance 10-02, provides a roadmap of priorities and guidance for managing the County's Solid Waste Management system. SWMP section 2.4.2 emphasizes the importance of strong County commitment to waste prevention and recycling and the need to increase Lane County's resource recovery in order to conserve limited, long-term capacity of the Short Mt. Landfill as well as to meet state requirements of (SB) 3744, codified as ORS 459.010.

Further, section 1.5.1 and all of Chapter 4 details the priority of waste prevention education and outreach to citizens and businesses as strategic action recommendations.

C. Board Goals

Lane County Strategic Plan page 13

- *Maintain a healthy environment with regard to air quality, water quality, waste management, land use and parks.*

Lane County's Strategic Plan, in its discussion of strategies for resources and planning, emphasizes that "Lane County has placed as its highest priority public health and safety services with a strategic eye towards prevention services...." (Lane County Strategic Plan, 2001 – 2005, page ii). Waste Prevention and Recycling are preventative actions that result in prevention of air pollution, conservation of energy resources, protection of local water systems and increases in marketable commodities, and reduced costs for businesses all leading toward a healthier local economy.

A first tier recommendation outlined in the SMWP goals for recycling is to target EPS Styrofoam specifically. With the purchase of equipment, St. Vincent de Paul will be able to provide the opportunity to recycle this material to the broad base of our community that so clamors for a solution to Styrofoam.

A first tier recommendation for achieving Lane County's SMWP goals (Ordinance

No. 10-02) for waste prevention is to: "Target broader, countywide audience with waste prevention education campaigns."

The topic of waste is heavily represented in the curriculum for the Climate Master program. (at <http://climlead.uoregon.edu/pdfs/CMhandbookeugene.pdf>) and would target both the residential audiences as well the business community. The Resource Efficiency Certification program that BRING proposes would broaden the availability of waste prevention education and technical assistance to the smaller mom-and-pop businesses that do not have the time or financial capability to attend an LCC Business Development course.

D. Financial and/or Resource Considerations

The three projects proposed total funding of \$168,476 from the Waste Diversion Opportunity Fund. The projects are as follows:

- **\$20,000** to St. Vincent De Paul for Styrofoam compactor equipment.

St. Vincent de Paul EPS foam Recycling Budget			
EPS baling equipment			\$20,000
Total Request			\$20,000

- * **\$98,000** to Bring Recycling to implement a business waste prevention assistance program.

Bring Business Efficiency Program Budget			
Program development			\$5,000
Branding & materials development			\$10,000
Tracking software development			\$5,000
Start costs:		*	\$20,000
Wages, taxes & benefits			\$45,000
Mileage			\$1,500
Supplies			\$1,500
Advertising & special promotions			\$10,000

Awards				\$3,000
Results tracking & reporting system				\$2,000
Professional development				\$1,000
Administration				\$14,000
Operating costs:		*		\$78,000

* \$50,476 to Resource Innovations Group to establish Climate Masters programs at OSU Extension and LCC.

Climate Masters Total Budget 2009-2010

Project Area	Expenses	Revenue
CLI Personnel and Benefits		
Program Director \$60,000 @ .2 FTE	\$12,000	
Program Director OPE (30%)	\$3,600	
Subcontract with OSU Extension in Lane County (see below)	\$19,138	
Subcontract with LCC Business Development Center (see below)	\$17,850	
Fees		\$7,500
Sponsorships		\$2,500
Subtotal	\$52,588	\$10,000
Administrative Overhead (15%)	\$7,888	
Project Total	\$60,476	\$10,000
Total Request	\$50,476	

OSU Extension Budget for Climate Masters at Home		
	Expenses	Revenue
Personnel		
Contracted staff (no benefits)	\$13,139	
Supplies, equipment, and materials	\$2,050	
Fees (30 people*\$75)		\$2,250
Other Sponsorships		\$2,500
Subtotal	\$15,189	\$4,750
Administrative Overhead (26%)	\$3,949	
Project Total	\$19,138	\$4,750

LCC Business Development Center Budget for Climate Masters at Work

	Expenses	Revenue
Personnel		
Instructor (\$65/hr including benefits for 250 hours)		
Supplies, equipment, and materials	\$16,250	

Travel costs (initial visits to businesses for consultations at \$.55/mile)	\$1,050	
Participant Fees (15 people*\$350)	\$550	
Project Total		\$5,250
	\$17,850	\$5,250

The ending balance of the Waste Diversion Opportunity fund for 08/09 is \$543,987.00. Second payment to NextStep Recycling will be disbursed in August 2009 for \$60,525.00 and final payment of \$13,400 will occur upon receipt of project completion report in December 2009.

As of July 1, 2009, additional funds will not be accrued to this fund. The requested amount of \$168,476.00 in this board agenda memo leaves a remaining balance of \$301,586.00 for future funding of waste diversion opportunity projects.

E. Analysis

Styrofoam

While it is of inconsequential weight or volume to the overall solid waste generated in Lane County, this material generates passionate reactions by citizens. Lane County has intermittently participated in providing an opportunity to recycle EPS foam for nearly 10 years now. Citizens now look to the county to provide solution to this bulky material that everybody loves to hate.

This material is technically recyclable, but due to its light weight (over 90% air) this rarely translates into an opportunity to recycle the material for communities outside the immediate area of end-use facilities (the closest being Tibron, in California's Bay Area and Pacific Land Clearing in Portland, Oregon)

St. Vincent de Paul has the capability to provide community collection of this material because they have empty trucks that travel to the same neighborhood as the California based end user.

SVDP proposes to purchase an EPS compression machine that shreds it and compresses the material without the polluting air emissions that result from other equipment choices (which uses heat to compress).

As soon as SVDP has purchased the machine and ensured it is running correctly, they will accept EPS foam from the general public and from businesses. Households can bring the foam to any of their eight drive-through donation sites in Eugene, Springfield and Florence; or to an Attended Collection Center (including the one at the Glenwood Transfer Station). Businesses can deliver it directly to the recycling facility. There will be a small processing charge for accepting foam, probably no more than the \$3 per 20-gallon bag Next Step was charging.

Climate Masters Waste Prevention

The Climate Leadership Initiative (CLI), has developed a highly successful community education program modeled after Master Gardeners and Master Recyclers program. There is significant demand and community interest, yet as a research and development organization, CLI is not well-suited to run such a program on an ongoing basis. In order for the local program to achieve stability, the programs must transition to a home at an enduring institution.

CLI, having formed a nonprofit, Resource Innovations Group, requests funds of \$50,476 to support an effective transition of the Climate Masters at Work program to the Lane Community College Business Development Center and to transition the Climate Masters at Home program to Oregon State University Extension Office in Lane County. Due to the significant emphasis that their curriculum and technical assistance programs place on waste prevention and recycling, we feel it is a good fit for the Waste Diversion Opportunity funds.

Both the Lane Community College Business Development Center (LCC BDC) and the OSU extension office are well prepared to absorb these programs, for details of the transition plans, please see page 2 of the Climate Masters Proposal.

Business Resource Efficiency Certification Program.

Unlike most other communities of similar size, Lane County lacks a targeted assistance or promotion program aimed at commercially generated waste. Waste composition studies have shown that more than half the waste from urban populations come from businesses and commercial entities.

Lane County has attempted to reach this sector with only moderate success. A third party certification program that offers businesses promotion value as well as money saving resource efficiency assistance, is the type of program predominantly offered by local governments throughout Oregon that have better recovery rates than Lane County. Programs in Jackson and Marion Counties, City of Gresham, and City of Portland provide a model format that is cost effective and targets the vast majority of small and medium businesses that cannot afford private consultants or training classes that are now available for a fee.

BRING Recycling has been at the forefront of waste prevention and recycling education in our community since the 1970's. Their commitment to the community is well-known, as is their commitment to the environment. They have proposed a program modeled after other programs that have been successful for many several years (see attached proposal).

While it is not the sole subject, both this and the Climate Masters programs direct significant attention on waste prevention and recycling and have capacity to reach

hundreds annually. Use of Waste Diversion Opportunity funds to give jump-start to these programs not only provides valuable education services to citizens, but is a powerful preventative action to protect Lane County's environment and economy.

F. ALTERNATIVES/OPTIONS

1. Board may choose to award these grants as described herein.
2. Board may choose to direct staff to work with grantees to modify the proposals as directed by the Board.
3. Board may choose not to award these grants.

IV. TIMING/IMPLEMENTATION

Staff is recommending dispersing the above specified Waste Diversion Opportunity funds as early in September 2009. The Waste Management Division will have an expenditure process to account for the accountability of the funds dispersed. Upon Board approval, staff will prepare grant contract documents immediately.

V. RECOMMENDATION

Waste Management Staff recommends approval of the order to allocate funds to BRING Recycling and Resource Innovations Group, Climate Leadership Initiative for the purpose of expanding waste prevention education and assistance to the community and to St. Vincent de Paul for the purpose of accepting and recycling EPS foam.

VI. FOLLOW-UP

Following Board approval, WMD will provide oversight of these grants and report allocation and progress to the Board as requested.

VII. ATTACHMENTS

Board Order
St. Vincent de Paul Request for Funds Proposal
Climate Masters Request for Funds Proposal
BRING Recycling Request for Funds Proposal

BEFORE THE BOARD OF COUNTY COMMISSIONERS OF LANE COUNTY, OREGON

ORDER NO.) ORDER IN THE MATTER OF AWARDING THREE WASTE
) DIVERSION OPPORTUNITY GRANTS TOTALLING \$168,476
) TO ST. VINCENT DE PAUL (\$20,000) FOR STRYFOFOAM
) RECYCLING EQUIPMENT, TO BRING RECYCLING (\$98,000)
) TO IMPLEMENT A BUSINESS WASTE PREVENTION
) ASSISTANCE PROGRAM, AND TO RESOURCE INNOVATIONS
) GROUP (\$50,476) TO ESTABLISH CLIMATE MASTERS PROGRAMS
) AT OSU EXTENSION AND LCC, AND AUTHORIZING THE COUNTY
) ADMINISTRATOR TO SIGN THE CONTRACTS.

WHEREAS, the Waste Diversion Opportunity fees were developed to provide funding for projects that will divert or prevent waste material from entering the landfill, and

WHEREAS, The ending balance of the Waste Diversion Opportunity fund for fiscal year 08/09 is \$543,987.00, and

WHEREAS, Lane County Solid Waste Management Plan specifically identifies waste prevention programs and EPS block foam recycling programs among the strategic actions to pursue.

WHEREAS, All three above mentioned non profit agencies have proposed to use above noted funds for projects that would assist businesses and citizens in Lane County reduce waste and recycle, and help Lane County reach solid waste management goals and priorities, and

WHEREAS, All three above mentioned non profit agencies are well established and are proposing projects that have a high likelihood of success and permanence in our community

NOW, THEREFORE, IT IS HEREBY ORDERED that three Waste Diversion Opportunity Grants totaling \$168,476 be awarded to St. Vincent de Paul (\$20,000 for Styrofoam recycling equipment, to BRING Recycling (\$98,000 to implement a business waste prevention program, and to Resource Innovations Group (\$50,476 to establish Climate Masters programs at OSU Extension Office and LCC and authorize the County Administrator to sign the contracts

Dated this ____ day of _____ 2009.

Approved as to Form
Date 8-14-09 Lane County



Office of Legal Counsel

Pete Sorenson, Chair
Lane County Board of Commissioners



Extension Service Lane County

Oregon State University, 950 W 13th Avenue, Eugene, Oregon 97402-3913
Phone 541-682-4243 | Fax 541-682-2377 | <http://extension.oregonstate.edu/lane/>

August 11, 2009

Bill Dwyer, Springfield Commissioner
Bill Fleenor, West Lane Commissioner
Rob Handy, North Eugene Commissioner
Pete Sorenson, South Eugene Commissioner
Faye Stewart, East Lane Commissioner

Gentlemen:

I am pleased to learn that you are considering funding for the *Climate Masters at Home* program. With greenhouse gas levels nearing all-time highs in our planet's history, the Oregon State University Extension Service can play a critical role in advancing climate change education for Lane County residents.

Working in partnership with the University of Oregon's Climate Leadership Initiative, Extension is committed to helping Lane County residents "Go Green with Orange." Our goals in delivering the *Climate Masters at Home* program are to provide research-based education that increases understanding about the causes and effects of climate change, help participants learn and adopt behaviors that can reduce carbon emissions, and facilitate stewardship projects that extend classroom learning into the larger community.

I look forward to the partnership that this project can help build between the University of Oregon and Oregon State University, as well as the benefits it can provide to Lane County residents. Working together, we have an opportunity to do some groundbreaking work that can be replicated across Oregon and our nation. I hope you will consider funding this important project and giving Lane County residents the tools they need to help make a difference for future generations.

Sincerely,

A handwritten signature in black ink that reads "Steve Dodrill". The signature is written in a cursive, slightly slanted style.

Steve Dodrill, Staff Chair
Oregon State University Extension Service—Lane County

August 6, 2009

Lane County Waste Management and Lane County Commissioners-

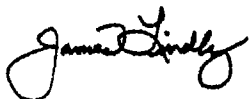
This is a letter of support for the request from The Resource Innovations Group's Climate Leadership Initiative for funding to support the continuation of the Climate Masters at Work Program for Lane County businesses and organizations.

Last year the Lane Community College Business Development Center (BDC) partnered with the Climate Leadership Initiative to offer the Climate Masters at Work Program, and helped with the instruction, coaching, and implementation of solutions to help companies lessen their carbon footprint, increase profitability, and become more sustainable. We felt that the program was a huge success and are looking forward to our partnership in 2009/2010. The program we are involved in for business, and the program geared towards households that OSU Extension Service will be involved in will need this crucial financial support for the coming school year. We are planning at the BDC to work with LCC's Northwest Energy Education Institute in the next year to develop a way to offer this important service to businesses on a sustainable and self supportive manner through LCC at our new near-future downtown location.

This sustainability program for those in business closely aligns with LCC's and the Climate Leadership Initiative's vision and mission to provide leadership in this important area. We envision a number of ways that we can build upon this partnership and incorporate the curriculum and information in the instruction and coaching of entrepreneurs here at the BDC. We feel that it is important to get this information to entrepreneurs as early as possible since they make major investment in assets (i.e. buildings, vehicles, waste management equipment, etc), that will be used and depreciated over many years. Having the knowledge to assess financial and environmental impacts can help them make the right long-term decision, for the local economy and the environment.

Thank you in advance for your support of this important program and initiative!

Sincerely,

A handwritten signature in black ink that reads "James Lindly". The signature is written in a cursive style with a large, stylized initial "J".

James Lindly
Director - Business Development Center and Employee Training
Lane Community College



ST. VINCENT de PAUL SOCIETY

OF LANE COUNTY, INC

Social Services – (541) 689-6747
Stores – (541) 345-0595
Office – (541) 687-5820
Fax – (541) 683-9423

705 S. Seneca
P.O. Box 24608
Eugene, Oregon 97402

August 3, 2009

Lane County Board of Commissioners
125 E. 8th Avenue
Eugene, OR 97401

Dear Commissioners:

St. Vincent de Paul (SVDP) is the largest human services nonprofit in Lane County. The agency serves over 50,000 people every year by providing affordable housing, emergency services, rent and utility assistance, and vocational rehabilitation programs. SVDP is also an internationally recognized leader in the field of waste-based business development. We employ over 300 people and recycle 100 tons of mattresses, textiles, appliances, window glass, and other products every day. SVDP's mattress recycling business was one of the first in the country and remains the largest such program in North America. We have a long track record of serving Lane County, having provided reusables recycling since 1986, appliance and propane tank recycling services since 1990, and mattress recycling since 2005.

It has come to our attention that there is no longer a service for recycling EPS foam (commonly known as Styrofoam) in Lane County. We are requesting \$20,000 from Lane County to purchase an EPS recycling machine so we can offer this service to households and businesses. We have located a used EPS shredder/compactor for sale in Northern California. The machine will process between 300-500 pounds of EPS foam per hour for recycling. It shreds it and compresses it into logs that can be resold to the foam industry. We have already identified one buyer, Timbron International, which produces molding and other building products. The company from which we will purchase the machine has also offered to help us identify buyers. We are confident we can sell the product once it has been compacted.

Once we have acquired the machine it will be located at our Prairie Road facility, which already has appropriate zoning and electrical capacity. As soon as we have installed the machine we will begin accepting EPS foam from the general public and from businesses. Households can bring the foam to any of our eight drive-through donation sites in Eugene, Springfield and Florence; or to an Attended Collection Center (including the one at the Glenwood Transfer Station). Businesses can deliver it directly to the recycling facility. There will be a small processing charge for accepting foam.

Thank you for your consideration. Please contact me at 687-5820 if you have any further questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Terrence R. McDonald".

Terrence R. McDonald
Executive Director

Climate Master Program Need

The Climate Master programs, based on other successful Master programs, behavioral change and education research, was developed by the University of Oregon Climate Leadership Initiative (CLI) as a model climate change outreach program that could be replicated in other communities, with the goal of increasing climate literacy and increasing resource and energy efficiency on the household and business level. Based on the astounding program results (see below or http://climlead.uoregon.edu/publicationspress/CMResults_5.7.08.pdf), the ongoing interest, and to prepare the community for local targets for reducing greenhouse gas emissions, we would like to see the Climate Masters at Home and Climate Masters at Work programs continue in Lane County. Moreover, as there are several communities around the state and nation that now seek to replicate the Climate Master program and OR SB942 authorizes the Climate Master program for climate change education in Oregon, an ongoing program in Lane County will serve as a model for effectively educating the public about their role in climate change nation-wide.

However, CLI is not well-suited to run such programs on an ongoing basis, as we are primarily a research institution. In order for the local program to achieve long-term stability, the programs must transition to a home at an enduring institution, which will require temporary increased financial support.

CLI requests \$49,843 to support running both the Climate Masters at Work and Climate Masters at Home programs in Lane County and their effective transitions Lane Community College Business Development Center and Oregon State University Extension Office in Lane County respectively.

Program Description

The Climate Masters at Home program consists of 30 hours of actionable education for community members on strategies for reducing resource and energy use, and therefore greenhouse gas emissions, in their homes and yards, through consumption and waste, and in their transportation choices. Participants also learn how to effectively motivate others to change their behaviors, as all Climate Masters owe 30 hours of volunteer education and outreach. A recent report concluded that consumption and waste makes up 36.7% of US GHG emissions, when including not just emissions from landfills, but also all of the upstream emissions.¹ With this in mind, approximately half of our training focuses on waste prevention and embodied emissions, in the consumption and waste of goods and food for one's home, yard and workplace.

The Climate Leadership Initiative has run three of these trainings in Lane County that have all reached maximum capacity and we have a standing 30-person wait list. Participants have reached thousands of community members through direct contact in household consultations, tabling at events, support groups, as well as public speaking, articles in newsletters, letters to the editor, and informal diffusion through conversations with friends and family. Climate Masters have reported that after taking the training that co-workers and family members start asking for pats on the back for all of their climate positive behavior, like purchases avoided.

Our program evaluation showed changes in participants' consumption patterns, with participants reducing their use of disposable items and cutting their GHG emissions by 2 tons/person and their electricity use by 12%. Perhaps even more significantly, many participants in the training program also reported adding a "climate filter" to their daily decision making that led them towards behaviors that reduced their greenhouse gas emissions. As such, many report that they took actions to decrease their consumption as a result of the class. When asked to describe what they're taking with them from the class, nearly every participant mentioned reducing consumption. One participant described it as such: "Everything I consume

¹ Brenda Platt and Eric Lombardi, "Stop Trashing the Climate." BioCycle August 2008, Vol. 49, No. 8, p. 24

– food, purchases- I stop and think a little bit more thoughtfully. Do I really need this? Is it a want or a need? How will I get rid of it when I'm through with it? I ask all of those questions now.”

This change in thinking is an outcome with the potential for lasting change across the board. Indeed, many participants reported applying what they'd learned in the program at their workplace.

When CLI began receiving requests for business consultations, and because of the massive opportunities for resource and energy efficiency and conservation in the business sector, CLI initiated the Climate Masters at Work program in 2008. In partnership with Lane Community College Business Development Center (LANE BDC), CLI has trained 27 Lane County residents from businesses, nonprofit and government positions at 9Wood in Springfield, Golden Temple, Market of Choice, Oregon Community Credit Union, Sweet Life, City of Florence planning department, Essex Construction, Cascade Manor Retirement Center, Saint Vincent DePauls, West Wind Forest Products, and Navistar (formerly at Monaco Coach), amongst others.

The CM at Work program consists of a 25-hour, low-cost training program for small and mid-sized businesses, that includes an additional six hours of one-on-one consultations. The training focuses on resource and energy efficiency and use of renewable energy in facilities, packaging, materials selection, transportation and other topics that will reduce emissions while strengthening businesses' economic standing. Participants “pay” in part for this training by investing an equal amount of time implementing the lessons learned in their own workplace by compiling a greenhouse gas emissions inventory, developing and implementing a plan for cutting those emissions through resource and energy efficiency, and for some, showcasing their efforts by conducting outreach about their lessons learned. The outreach may include speaking at events, writing articles, or working with businesses along their supply chain to increase efficiency and reduce emissions. The volunteer component expands the program impact through peer-to-peer education while promoting participants' own work.

Participants in this program also have reported shifting their thinking to encompass a broader understanding of the impact of wasted resources and energy in their own operations and throughout their supply chain. As a result of our training, Market of Choice is now diverting 5 tons of organic waste a month from the landfill to Rexius for composting at their Delta Oaks store and is planning to start with a second store soon. Eurasian Autohaus owner, George Rode, has been talking to his parts suppliers about cutting down the unnecessary packaging they use. Glory Bee and Golden Temple networked inside and outside of the class to arrange a bucket reuse program, while others in the most recent training are working on a strategy for diverting sawdust from the landfill.

Program Transitions

CLI has been working closely with Lane BDC and Oregon State University Extension's Lane County office (OSU Extension) over the last year towards the goal of transitioning the CM at Work and CM at Home programs to those institutions, respectively.

Lane BDC has been running the follow-up component of the program for the first two CM at Work sessions and is highly committed to continuing to run the program in its entirety. Climate Masters at Work matches LCC's focus on sustainability and the program will be a perfect fit for the Lane BDC when they are housed with LCC's Northwest Energy Education Institute (NEEI) in the new downtown location. NEEI offers both standard and custom learning opportunities throughout the Northwest for practicing professionals in the energy industry, including an energy management certification program. NEEI is located within the Science Department at Lane Community College. Running the program at Lane BDC would cost \$17,300 per year, or \$865 per participant for a 20-person class. In the first year at Lane BDC (the second year of the Climate Masters at Work program), Waste Diversion funds would subsidize the training as it continues to become established in the community and therefore could command a higher

fee. Business trainings tend to cost upwards of \$400 for even a one-day training, so it is realistic that by the second year at Lane BDC, the training would be self-sustaining, with revenue coming from participant fees as well as from business sponsorships, which would cover scholarships for those unable to afford the full amount.

OSU Extension is also a perfect fit for the Climate Masters at Home program. CM at Home is modeled after an Extension program and OSU Extension has the experience in volunteer management and program coordination needed to run CM at Home. Moreover, OSU Extension across the state and locally is moving towards a greater focus on sustainability to connect with the interests of their increasingly urban constituents. It will cost OSU Extension \$19,138 to run CM at Home for the year, or \$638 per participant. The program would consist of an initial 30-hour training followed by the remainder of the year of coordinated volunteer activities. Although some Master classes are beginning to charge participants the full “real costs,” it is more likely that the program would continue to be subsidized in subsequent years with sponsorships from stakeholders such as utilities and local government (both of which have been sponsoring the program to this point and have expressed a commitment to continued sponsorship), as well as from an online version of the program that OSU Extension wishes to partner on with CLI.

Both LANE BDC and OSU Extension would begin their trainings in late 2009/early 2010 with support and knowledge transfer from CLI. CLI will consult with both institutions as they recruit participants and presenters, run the trainings, provide volunteer opportunities for participants and evaluate the programs. CLI will connect LANE BDC and OSU Extension with the networks CLI has developed for both programs for sponsorships, presenters and publicity. CLI will provide electronic copies of all of the materials needed to run a Climate Master program, such as handbooks for each training, outreach materials, suggested agendas and activities, and greenhouse gas emission inventories. Finally, CLI will perform all reporting to Lane County Solid Waste Division.

This suite of programs recently received the state stamp of approval when the governor signed SB 942, the Oregon Climate Corps Act, which authorizes the CM programs, unfortunately with no funding attached. Communities across the state and nation have picked up the CM program. Marion and Benton counties and Santa Fe, NM all ran CM programs. Deschutes County and Albuquerque, NM will see a Climate Master program in the fall, while Douglas County, the Rogue Valley and Portland area are all working on initiating programs. If LANE BDC or OSU Extension is not able to continue to run the CM at Work or CM at Home program as expected beyond 2010, CLI will work to find another entity to run the programs. It is in the best interest of CLI, as providers of a national model that began in Lane County that the programs continue locally.

Goals

The targets to be reported on for the CM programs are as follows (with the understanding that the behavior changes are the goal, but are less within our control):

Climate Masters at Home:

- 25-35 new Climate Masters trained
- 100+ climate consultations
- 750 outreach hours
- 1500 people reached directly, thousands more through media outreach
- 75-90% of participants report reducing consumption

Climate Masters at Work:

- 15-20 new Climate Masters trained, with reporting to include business names
- 375 reported implementation hours

- 25-50% initiate waste audits
- At least 50% of participants report a decrease in materials their business sends to the landfill through reduced material use, reuse or recycling.

Climate Master Program meets SWM goals

The CM programs directly address the first stated goals of the SWM plan (p.1 and 7): “To reduce long-term per capita waste generation and to increase the amount of materials recovered through waste prevention, recycling and reuse.” Chapter 4 on waste prevention identifies as an issue the fact that the, “Focus of education efforts is disproportionately weighted toward recycling with too little emphasis on prevention.”(p. 29)

The CM program provides participants with an in-depth understanding of where their emissions come from and what they can do to reduce them. Because most of those emissions associated with consumption derive from the upstream component of a product’s lifecycle, the CM programs provides compelling motivation for reducing consumption in general, encouraging Home participants to purchase durable and/or “gently used” goods whenever possible and Work participants to reduce waste as possible in their businesses. The focus is not just keeping items out of the landfill, where they generate the potent greenhouse gas methane, but to avoid energy intensive resource extraction and manufacturing.

Climate Master Program expands education programs

In Chapter 4 on waste prevention, the SWM plan states:

ORS 459A.010(2)(c) requires that “counties establish an expanded education and promotion program ... to inform solid waste generators of the manner and benefits of reducing, reusing, recycling and composting material and to promote use of recycling services.” In addition to this basic educational program requirement, the “Opportunity to Recycle” Act stipulates that Lane County is eligible to apply for a 2% credit towards its recovery rate for a waste prevention program that meets the requirements set forth in ORS 459A.010(4)(b). Lane County received these credits in 2001, but must continue to develop and expand waste prevention and reuse education programs to apply for these credits in the future.

Strong waste reduction programs currently exist in Lane County, which we partner with to deliver high quality *expanded* education through the CM programs. Aside from the focus on waste prevention described above, the CM programs also train participants to promote recycling, use of recycled and recyclable products, and composting. In the case of CM at Work, participants are conceiving of new ways to deal with the materials that are essential to their business. If the County were unable in the future to receive the recovery credit through existing education programs, the Climate Master programs should meet those requirements.

Organizational Affiliations

CLI, a program within The Resource Innovation Group (TRIG), is a 501(c)3 affiliated with the Institute for a Sustainable Environment at the University of Oregon (UO). CLI is an educational, research, and technical assistance consortium aimed at increasing public understanding of risks and opportunities posed by global warming and enhancing climate protection policy and program development. CLI began in 2005, while TRIG is 13 years old.

The Lane BDC is one of 19 Centers throughout Oregon and 1100 Centers nationwide. The Lane BDC is funded and supported by Lane Community College, Oregon Economic Development Department (State Lottery) funds and the Small Business Administration (Federal) funds. The center offers a wide range of services and training for owners and employees.

The Oregon State University Extension Service provides research-based knowledge and education that strengthens Lane County's economy, sustains natural resources, and promotes healthy communities, families, and individuals.

Climate Masters Total Budget 2009-2010

Project Area	Expenses	Revenue
CLI Personnel and Benefits		
Program Director \$60,000 @ .2 FTE	\$12,000	
Program Director OPE (30%)	\$3,600	
Subcontract with OSU Extension in Lane County	\$19,138	
Subcontract with LCC Business Development Center	\$17,850	
Fees		\$7,500
Sponsorships		\$2,500
Subtotal	\$52,588	\$10,000
Administrative Overhead (15%)	\$7,888	
Project Total	\$60,476	\$10,000
Total Request	\$50,476	

OSU Extension Budget for Climate Masters at Home

	Expenses	Revenue
Personnel		
Contracted staff (no benefits)	\$13,139	
Supplies, equipment, and materials	\$2,050	
Fees (30 people*\$75)		\$2,250
Other Sponsorships		\$2,500
Subtotal	\$15,189	\$4,750
Administrative Overhead (26%)	\$3,949	
Project Total	\$19,138	\$4,750

LCC Business Development Center Budget for Climate Masters at Work

	Expenses	Revenue
Personnel		
Instructor (\$65/hr including benefits for 250 hours)	\$16,250	
Supplies, equipment, and materials	\$1,050	
Travel costs (initial visits to businesses for consultations at \$.55/mile)	\$550	
Participant Fees (15 people*\$350)		\$5,250
Project Total	\$17,850	\$5,250

Enrolled
Senate Bill 942

Sponsored by Senator VERGER; Senators BURDICK, CARTER, DEVLIN, MORRISSETTE, PROZANSKI, Representatives BARNHART, OLSON, J SMITH (at the request of Teddy Keizer)

CHAPTER

AN ACT

Relating to the Oregon Climate Corps; and appropriating money.

Be It Enacted by the People of the State of Oregon:

SECTION 1. (1) The University of Oregon, after consultation with the Oregon State University Extension Service, shall, to the extent possible with any moneys received under subsection (3) of this section:

(a) Implement the Oregon Climate Corps through the University of Oregon Institute for a Sustainable Environment Climate Masters program to help Oregon residents, businesses and other entities increase their understanding of climate change, to reduce greenhouse gas emissions and to address the climate change challenges that Oregon faces. The Oregon Climate Corps shall be a trained corps of volunteers to act as catalysts in support of the efforts of public bodies as defined in ORS 174.109, the private sector and nongovernmental organizations.

(b) Model the Oregon Climate Corps described in paragraph (a) of this subsection on other successful public service programs, including but not limited to the Oregon State University Master Gardener and Master Recycler programs, AmeriCorps and AmeriCorps VISTA.

(2) Individuals participating in the Oregon Climate Corps shall be educated on projects meant to address climate challenges, including but not limited to:

(a) Carbon sequestration projects such as local community tree-planting initiatives.

(b) Climate initiatives that emphasize affordable and easily implemented actions for homes, local communities, private businesses, schools and public entities.

(c) Educational projects to increase the implementation of cost-effective, easily achievable changes in practices.

(d) Projects related to renewable energy technologies.

(e) Energy conservation and efficiency projects, such as home weatherization and the installation of solar panels and other renewable energy technologies.

(f) Projects to reduce carbon dioxide emissions from transportation, from manufacturing and from food and produce use and acquisition.

(3)(a) The University of Oregon, after consultations with the Oregon State University Extension Service, shall develop a long-term plan to fund the Oregon Climate Corps.

(b) The University of Oregon may accept grants, donations, contributions or gifts from any source for deposit in the Oregon Climate Corps Fund established under section 2 of this 2009 Act for expenditures for any purpose consistent with this section.

SECTION 2. The Oregon Climate Corps Fund is established in the State Treasury, separate and distinct from the General Fund. Interest earned by the Oregon Climate Corps Fund shall be credited to the fund. Moneys in the fund are continuously appropriated to the University of Oregon for the purposes specified in section 1 of this 2009 Act.

Passed by Senate May 18, 2009

Received by Governor:

Repassed by Senate June 8, 2009

.....M.,....., 2009

Approved:

.....
Secretary of Senate

.....M.,....., 2009

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President of Senate

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Governor

Passed by House June 3, 2009

Filed in Office of Secretary of State:

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Speaker of House

.....M.,....., 2009

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Secretary of State

August 6, 2009

Lane County Waste Management and Lane County Commissioners-

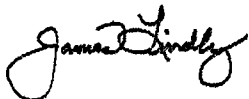
This is a letter of support for the request from The Resource Innovations Group's Climate Leadership Initiative for funding to support the continuation of the Climate Masters at Work Program for Lane County businesses and organizations.

Last year the Lane Community College Business Development Center (BDC) partnered with the Climate Leadership Initiative to offer the Climate Masters at Work Program, and helped with the instruction, coaching, and implementation of solutions to help companies lessen their carbon footprint, increase profitability, and become more sustainable. We felt that the program was a huge success and are looking forward to our partnership in 2009/2010. The program we are involved in for business, and the program geared towards households that OSU Extension Service will be involved in will need this crucial financial support for the coming school year. We are planning at the BDC to work with LCC's Northwest Energy Education Institute in the next year to develop a way to offer this important service to businesses on a sustainable and self supportive manner through LCC at our new near-future downtown location.

This sustainability program for those in business closely aligns with LCC's and the Climate Leadership Initiative's vision and mission to provide leadership in this important area. We envision a number of ways that we can build upon this partnership and incorporate the curriculum and information in the instruction and coaching of entrepreneurs here at the BDC. We feel that it is important to get this information to entrepreneurs as early as possible since they make major investment in assets (i.e. buildings, vehicles, waste management equipment, etc), that will be used and depreciated over many years. Having the knowledge to assess financial and environmental impacts can help them make the right long-term decision, for the local economy and the environment.

Thank you in advance for your support of this important program and initiative!

Sincerely,

A handwritten signature in black ink that reads "James Lindly". The signature is written in a cursive style with a large, stylized initial "J".

James Lindly
Director - Business Development Center and Employee Training
Lane Community College



July 29, 2009

To the Board of Lane County Commissioners and Waste Management Staff:

Thank you for the opportunity to request funding to launch a business resource efficiency assistance pilot program (REAP). We respectfully request \$98,000 to fund start up costs and one year of operating costs. If our goals are met and demand for the program is as strong as anticipated, we will secure ongoing funding from a combination of community partners, program generated revenue and private and public sector grants.


Every day, businesses send marketable resources to the landfill, and spend more money on water, energy and materials than necessary. Our community is losing valuable materials and missing an opportunity to strengthen the local economy. Recycling, waste prevention and resource conservation are the easiest to implement, most effective ways we have to reduce the greenhouse gas emissions that affect climate change. They don't require new technologies or major investments. Waste of all kinds is opportunity lost. Of the 500,000 odd tons of solid waste generated in Lane County, nearly two-thirds comes from businesses and institutions, yet they recycle at considerably lower rates than households. Most businesses in our area are small to medium in size (1-50 employees) and lack the resources necessary to watch their waste lines, especially in tough economic times.

BRING's Resource Efficiency Assistance Program (REAP) fills this urgent, unmet need. By providing free hands-on assistance, referrals and advice, we'll help businesses find the most cost efficient ways to reduce waste, recycle more, and use less electricity, water and materials. We remove the barriers that prevent many businesses from learning how to do more with less. An efficient business and a clean environment go hand in hand, supporting our economy and long term environmental sustainability. Businesses appreciate recognition and incentives to do a better job. BRING's program will provide certification, public recognition and positive PR. It's a win-win.

Over the last few months we evaluated other community resources and similar business efficiency programs statewide. We found strong demand for the service and substantial benefit to the community. We're confident this program will benefit the public, the business community, the environment and the economy. BRING has built a 38 year record of success. We have the respect of the business community, and the strong relationships with other agencies and institutions necessary to make a real difference.

Thank you for considering our proposal. We are eager to answer your questions.

Sincerely,



Julie Daniel, Executive Director.



BRING Business Resource Efficiency Assistance Program

Program Purpose

To reduce waste and support businesses seeking cost effective ways to improve environmental performance, competitive advantage and profitability through increased resource efficiency.

Program Description

The BRING Resource Efficiency Assistance Program (REAP) will provide free assistance, resources and recognition to businesses in the Eugene/Springfield metro area that take steps, or already meet program guidelines, to reduce their materials, energy and water use.

The service will be similar to other successful certification and business assistance programs run by the Cities of Portland and Gresham and by Marion and Jackson County. These programs have documented financial savings, decreased use of materials, water and energy, and increased recycling and environmental awareness in participating businesses. Certification allows businesses to advertise their progress, verified by an independent, trusted source.

Method

BRING's conservation specialists will provide on site evaluation, education, referrals and assistance in five areas:

- waste prevention, recycling and small-scale, on-site composting (where appropriate).
- energy conservation
- water conservation
- wastewater best practices
- Environmentally Preferred Purchasing (EPP)

A trained conservation specialist will conduct a thorough walk-through and assessment of participating businesses specific to their needs. *(See attached documents for sample application/certification forms from other program demonstrating the scope of the proposed service)*. Each business will receive a detailed assessment report including customized, low-cost recommendations. There will be a six month and one year follow up visit to monitor actions each business has implemented. Data, including recommended actions, implemented actions and estimated cost and resource savings will be calculated and recorded.

Participants will receive free hands-on assistance, referrals to appropriate agencies, and educational materials. Businesses that successfully meet a specified number of criteria in each category will be certified and recognized publicly for their efforts. Recognition will include regular ads in the Register Guard, listing in the Chamber newsletters, along with coverage highlighting business' conservation success stories in area media. Certification will be valid for two years and businesses will be eligible to re-certify by submitting an application and hosting an onsite assessment and review of current business practices.

A dedicated REAP webpage with helpful links will be added to BRING's website, and a quarterly newsletter for participants will be produced.

BRING expects to certify or work with 150 businesses during the pilot program.

The Case for REAP

The REAP program fills an urgent unmet need. Businesses face increasing costs for materials, energy and water. In order to operate competitively in a rapidly changing world environment they need to ensure that they get maximum value for the money they spend—and are not wasting the resources they pay for. Increased public understanding of climate change and other environmental issues has increased community scrutiny and pressure on businesses to “be green”. Many business owners find it very challenging to figure out what steps they should take, and many feel that time spent evaluating options is time spent away from the business of running their business. Classes and fee based programs eliminate many participants who cannot find time or money to pay for help.

The Oregon Department of Environmental Quality and other state agencies have recognized that preventing waste, increasing recycling and reducing business energy and water use are essential components in Oregon's long term strategy to mitigate climate change and promote sustainable practices. The DEQ has set goals for the recovery and generation of waste, which Oregon and Lane County have not yet achieved. Increasing recycling and preventing waste represent two of the lowest cost, most achievable strategies a community has to conserve resources and reduce greenhouse gas emissions. There is a lot of room for improvement on both fronts.

For example, in 2007 (most recent data available) over 500,000 tons of waste were generated in Lane County, between half and two thirds of which came from businesses and institutions. An analysis of waste generated within the City of Eugene shows that there is considerable opportunity to recover more recyclable commodities on the commercial side:

City of Eugene Commercial Waste

Total waste generated	148,087 tons
Business waste generated	91,796 tons (62% of total)
Business waste recycled	25,581 tons (28% of business waste, 17% of total)*

** Number of tons recycled, as reported to City of Eugene, plus 32% of drop box tonnage (Ecosort recovery rate per Lane County Waste Management).*

With Lane County's recovery rate hovering around the 53% mark (residential and business combined) it's clear that businesses offer the best opportunity to increase recovery rates and reduce total waste generated. However, few businesses, especially small businesses, have the personnel, expertise or time to figure out how to get started or where the most cost effective options lie. They need convenient, hands on, friendly assistance to help them make the best decisions, and public recognition for their efforts.

Advantages of REAP:

- REAP will be **available and broadly appealing to all businesses**, regardless of type of business or position on environmental issues.
- REAP will provide a **free, on-site service** to do the initial certification for businesses. This allows us to reach the most people and organizations possible, and makes it easy for them to evaluate their opportunities and choose the most cost effective ways to reduce waste.

and was recognized by the Oregon Entrepreneurs Network with the 2008 Tom Holce Entrepreneurship Award. Both the Eugene and Springfield Chambers of Commerce support this program and are eager to assist with publicity and recognition for successful program participation.

Program cost and options for ongoing funding

One time start up costs and operating funding for one year total \$98,000. See attached budget for the breakdown. Start up costs (\$20,000) include the professional development of branding and materials, tracking software development and six weeks personnel costs to fully develop the program.

Program costs (\$78,000) include one FTE with benefits, mileage, supplies, advertising and promotion of certified businesses, awards, and administrative overhead. Proposed program costs are substantially lower than costs quoted to us by government run programs in Marion County, City of Gresham etc.

If after several months we are meeting goals for waste prevention, recycling and resource use reduction, we will seek funding partners to sustain the program for the future. We would target benefitting organizations including EWEB, SUB, EPUD, the City of Eugene, City of Springfield and Metropolitan Waste Water Management. We would explore the option for program generated revenue in the form of a \$200 re-certification fee in addition to applying for grant funds from private foundations and public agencies such as EPA and DEQ.

Program Staff: BRING Director *Julie Daniel* served on the Mayor's Sustainable Business Initiative Task Force, the Department of Environmental Quality Waste Prevention Task Force and is an active member of both the Eugene and Springfield Chamber of Commerce. She sits on the Eugene Chamber Economic Development Committee, is a member of the Springfield Chamber, and sits on the faculty advisory committee at the department of Public Policy, Planning and Management at the University of Oregon. She is currently serving on the Advisory Committee for DEQ's research project "Residential Buildings: An Evaluation of Waste Prevention Practices Using Lifecycle Analysis".

Conservation Specialist *Carolyn Stein* is a business owner and investor with strong ties to the business community. She has worked internationally with students and governments to create recycling and waste prevention programs. Carolyn is a Master Recycler and currently works as an Education Coordinator at BRING.

Conservation Specialist *Chris Halaska* was a member of the BRING Board of Directors for eight years, responsible for guiding the construction of BRING's Planet Improvement Center, with a special focus on green building. He is a Master Recycler and Composter, and was part of the group of Master Recyclers that developed Lane County's BEST volunteer program to assist businesses improve their environmental performance.

Attachments

- 1) City of Gresham GREAT program evaluation form
- 2) Marion County EarthWISE application form
- 3) City of Gresham GREAT news, program newsletter
- 4) Proposed program budget
- 5) Comparison chart—proposed program with other local resources.
- 6) Letters of support

- REAP will provide a **comprehensive assessment** for each business covering a broad spectrum, giving flexibility to improve on a number of fronts in ways that make sense for them.
- REAP will be the only organization offering verified **certification that businesses are taking active steps** to reduce their environmental impact. Certification gives businesses an opportunity to advertise their progress and differentiate themselves, and allows the general public to see that the claims have been verified by a trusted, impartial source.

REAP's Business and Community Benefits

Business benefits: BRING's Resource Efficiency Assistance Program will help businesses understand how the materials, energy and water they use shapes their environment and impacts their bottom line. They'll benefit from the free, convenient, hands on education about the materials and resources they use to operate. From both a financial and environmental perspective, businesses that reduce their resource use enjoy a competitive advantage—they save money, and increase their community support.

Community benefits: The entire community benefits from the improved environmental conditions that result from more efficient use & disposal of materials, and indirectly and from strengthening the health of the local economy, which is based on vibrant small and medium sized businesses. Helping businesses reduce energy and water needs represents the least expensive option for an expanding population. We all benefit when utilities do not have to construct or buy new power or water sources to serve a growing community.

Government benefits: Preventing waste and increased recycling of waste on the commercial side are vital strategies to help Lane County improve its material recovery rate and meet state goals for greenhouse gas emission reductions and sustainability.

Other Business Resource Efficiency Programs in Lane County

While Lane County is fortunate to have several programs that support business efficiency and environmental performance, none provide the combination of convenient, free, hands on help and broad focus that appeals to the majority of small to medium businesses. The BRING Resource Efficiency Assistance Program is designed to focus on the services and businesses that will generate the maximum results for the minimum cost. A chart that compares REAP to other local services and programs is attached.

Qualifications

BRING: Founded in 1971 to introduce and promote what was then considered a radical concept—recycling—BRING Recycling is one of the oldest nonprofit conservation organizations in the country. Over the past 38 years, our award-winning agency has earned the reputation as a trusted and leading educator in the area of resource conservation and waste reduction.

As a non profit agency, BRING has well established relationships with government agencies, institutions, businesses and other resources. We bridge the gap between private enterprise and the public sector, working in both worlds. Our research in planning the program and talks with business leaders and area Chambers of Commerce has shown that a portion of the business community would be reluctant to use government run programs due to perceptions that they will be found out of compliance with regulatory issues. While this is unfounded, the perception persists. Though BRING is a 501c 3 not for profit corporation, it is largely funded through its business enterprises and understands first hand the challenges that all businesses face. Our work has gained us recognition and respect in the business community—BRING was named *2008 Business of the Year* by the Springfield Chamber of Commerce,

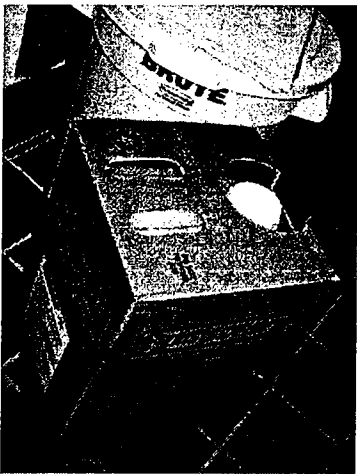
GREAT News

GRESHAM RESOURCE EFFICIENCY ASSISTANCE TO BUSINESSES

WINTER 2009

What's Inside

International Recycling Markets	2
GREAT Businesses Spotlight	2
Local Restoration Efforts	3
Don't Flush Drugs	3
Certified GREAT Businesses	4



Attention Restaurants: Special Recycling Instructions for Oil and Syrup Containers

Restaurants have many materials that can be recycled, but special care must be taken to properly prepare those products. Plastic oil jugs are often surrounded by cardboard, but the cardboard must be separated before either product can be placed in the recycling bin. Oil jugs should be completely empty. Similarly soda fountain syrup packaging must be separated before the cardboard can be placed in the recycling bin. The plastic lining from syrup containers is not currently accepted in the recycling system.

New Business Recycling Requirement

During the past eight years the City's GREAT Businesses program has helped Gresham businesses to recycle. The program is successful, but businesses still create over half the waste generated in Gresham, throwing away more than 3,700 tons of paper and other recyclable material each year.

To enhance Gresham's recycling programs and comply with Metro and the state's Regional Solid Waste Management Plan, the Gresham City Council passed a code revision March 3rd requiring businesses to recycle plastic, metal and glass containers and all types of paper.

What are the new requirements for business recycling?

Generally, businesses are now asked to separate for recycling all paper, cardboard, glass and plastic bottles and jars, and cans, both aluminum and tin, starting April 15, 2009. Businesses will need to provide containers to collect these materials and post signs in the workplace showing how recyclables should be sorted. Free posters can be downloaded from the City Web site. Free recycling boxes are available through the City, call 503-618-2694, or contact your hauler for carts.

What types of businesses are affected?

All businesses must follow the requirements except residential based businesses. This includes government agencies, schools and nonprofit organizations.

How will policies be enforced?

During the initial 18 month period, the City will focus on assisting businesses to meet the standards of the requirement.

What assistance is available to businesses?

The GREAT Businesses program provides educational information, posters, collection boxes, and free on-site assistance to all businesses in Gresham and Wood Village. Call us!

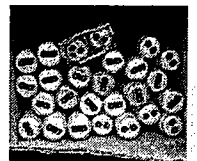
Setting up recycling service

All garbage rates include commercial collection of recyclables. Comprehensive recycling programs can save your business money if you are able to reduce your garbage collection. To begin service, contact the garbage hauler that provides collection in your area; or call the City at 503-618-2694.

More information available at GreshamOregon.gov/recycling

Fluorescent Bulb Recycling

Mark your calendars—on April 18th, at the City's annual Earth Day event, the Recycling and Solid Waste Division will be hosting a fluorescent bulb recycling event for small businesses. If you have less than 20 bulbs, eight feet or less in length, bring them to City Hall. If you need a box to safely transport them, call Shaunna Sutcliffe to arrange a pickup. 503-618-2694.



GREAT Businesses Spotlight

Adventist Health Gresham Imaging Center

The Adventist Health Gresham Imaging Center, 831 NW Council Drive, opened in 2004 at the Adventist Health Medical Clinic in the Gresham Station Medical Plaza. The full-service medical imaging office serves 15,000 patients a year.

In addition to avoiding films and chemicals in the imaging process by using all digital equipment, the business returns used MammoPads, soft cushions that help image quality and decrease patient discomfort during mammograms, to be made into carpet padding.

"We are committed to being a responsible community partner, and we believe that commitment includes promoting environmental sustainability," says Travis Clegg, site administrator.

The 19-employee office was encouraged by the GREAT Businesses program to reduce waste further by establishing a durable dishware system.

"We virtually eliminated disposables in our break room; we now have reusable plates, bowls, cups, mugs and flatware," says Randi White, the office coordinator.

Gresham Imaging Center is now focusing on reducing energy consumption in the office and travel to the Adventist Medical Center campus.



Gresham-Barlow Education Foundation

The Gresham-Barlow Education Foundation (GBEF) is a small organization making a big difference. The foundation was established in 1994 to provide additional educational opportunities for students in the school district.

The GBEF recognizes the importance of embracing resource efficiency and aligning itself with the high-performing schools in the area, says Vynette Arnell, executive director.

The foundation merited its GREAT certification by developing a sustainable procurement policy; actively reducing junk mail and tracking outgoing mail solicitations to avoid wasted paper; and using biodegradable cleaning products in the office.



"The GREAT program provided us with the opportunity to solidify purchasing guidelines to reflect our environmentally friendly philosophy," said Amy Johnson, development assistant in the office.

The foundation will host its first "green" fundraising event in 2009 by providing eco-friendly alternatives during its annual golf tournament.

"We hope our commitment to resource efficiency encourages other small nonprofits to set an example in the community," Arnell said.

International Recycling Markets and You

The recent economic downturn has affected global and local recycling markets and driven down the prices paid for these materials. Given this recent downturn, it is now more important than ever to recycle properly. Clean recyclables reduce hauling and sorting costs and maintain stronger markets.

How the international recycling market works

A hauler picks up your recycling and sells it to a sorting plant. There the recycling is sorted by people and machines. The material is next sold to manufacturers locally and internationally, who use it to make new products and packaging. Due to the economic downturn, people worldwide are buying fewer consumer goods. As a result, there is less demand for packaging materials, so the value of recycled materials has decreased significantly. This is one way your hauler and the sorting facilities are experiencing the global recession.

What businesses can do

- Gresham businesses can help by producing "cleaner" recycling, because manufacturers still purchasing materials from local recovery facilities prefer cleaner materials, and can now pick and choose who they buy from.
- Educate your employees to not mix plastic bags in recyclables; plastic bags clog the sorting equipment. Contact the GREAT Businesses program if your business is interested in recycling plastic bags or stop using them all together.
- Don't mix glass with recyclables. Mixing glass with other materials makes it difficult and not cost-effective to recycle those materials at sorting facilities.

Finally, it is now more important than ever to focus on waste prevention actions that can reduce your need for garbage service and save your company money. Contact GREAT for ideas.

Support Local Environmental Restoration Efforts

Each year the City relies on community support to help restore our natural areas by removing invasive plants and replanting with native trees and plants to improve Gresham's water quality and wildlife habitat.

In 2008, watershed AmeriCorps teams and citizen volunteers cleared invasive species from over 12 acres and planted more than 12,000 native plants.

Show that your business supports this important environmental restoration work by getting involved.

Team field day

Come work side by side with our AmeriCorps volunteers. We have volunteer opportunities most days of the week, including Saturday. Enjoy some time outside of the office while helping to improve Gresham's natural areas by removing invasive vegetation and planting natives.

Sponsor a site

By sponsoring one of the City's restoration sites you show that your company is committed to the restoration of our natural areas. Your donation helps purchase native trees, shrubs and supplies to further restoration work at that site.

Sponsor a volunteer day

Donate snacks and refreshments to keep our volunteers going strong all day in the field or grab a few pizzas and carpool over to share lunch with the volunteer crew.

Scheduled restoration event:

Saturday, March 28: Bear Creek

The City recognizes sponsors whenever possible on event advertising. For



more information on how your business can support the City's ongoing restoration efforts or to locate the restoration site nearest your business, contact Laura Guderyahn, watershed restoration coordinator, at 503-618-2246 or laura.guderyahn@ci.gresham.or.us or.

Don't Flush Drugs

According to the Environmental Protection Agency (EPA), the average person daily will use nine personal care products containing 126 unique compounds that could end up in our water.



Prescription drugs and personal care products contain compounds that persist in our environment even past the wastewater treatment plant. While, at this time, there is no evidence these trace amounts pose a risk to human health, compounds from these products are detected in aquatic systems. Help keep our water clean by simply not flushing unused medication and personal care products down the toilet or sink. Proper recycling and disposal of medications and personal care products protects the environment and stops prescription drug abuse.

Common drugs and personal care products:

- Cough medicine
- Pills
- Aspirin
- Vitamins
- Lotion
- Sunscreen
- Insect repellent
- Cosmetics, Perfumes



Drug Recycling/Disposal Guidelines

Here are a few tips for your business and your customers:

- Don't pour medication down the drain or toilet. This includes common medications like aspirin and cough syrup.
- Ask your pharmacy to take back unused prescriptions.
- Expired or unwanted medications or personal care products can be emptied into the garbage, and plastic containers larger than 6 oz. can be recycled.

Tips to prevent abuse when disposing drugs

- While taking care not to flush prescription drugs down the toilet it is equally important to throw them away responsibly. The EPA reports abuse of pain killers ranks second, behind marijuana, as the nation's prevalent illegal drug problem.
- Do not throw out prescription drugs in their original bottle.
- Mixing medications with coffee grounds or kitty litter and putting them in containers such as empty cans or sealable bags helps ensure prescription drugs are not stolen from trash cans.

For more information about drug disposal contact Diana Lindoff, Wastewater Services, at 503-618-2552 or diana.lindoff@ci.gresham.or.us

Congratulations to These GREAT Businesses

Support local businesses that are working to make a greener and more prosperous future. These certified GREAT Businesses have been recognized by the City of Gresham for their achievements in the areas of recycling, buying recycled-content supplies, conserving energy and water, as well as properly maintaining their wastewater and stormwater systems. Have a positive impact with your dollars by making GREAT choices!

If you work for a business that could use help with recycling and efficiency practices, call Tristan Whitehead at 503-618-2203 for details on the GREAT Businesses program and the benefits it offers. The free program is committed to respecting your time, your confidentiality needs and focusing on your business priorities.

GREAT Businesses



Printed with soy ink on 100% post-consumer recycled content



Automotive

3 C Automotive, Inc.
Affordable Quality Automotive
All About Automotive
Auto Repair Specialties
Eco Car Wash
Firestone Tire & Service Center
Gresham Ford
Gresham Tire Factory
Kadel's Auto Body
Mr. Transmission

Educational

Gresham-Barlow Education
Foundation
Gresham-Barlow School District
Business Office
Gresham-Barlow School District
Facilities
Mt. Hood Community College

Governmental

City of Gresham City Hall
City of Gresham Operations
Center
City of Gresham – Veolia
Wastewater Treatment Facility
Department of Environmental
Quality (DEQ)
Gresham Fire – Stations 71 & 72
Multnomah County Fleet
Maintenance
Multnomah County Shop Annex
Multnomah County Probation
Oregon Department of Revenue
– Gresham Field Office

Manufacturing, Distribution & Technology

American Honda NW Regional
Center
Fujicolor Processing, Inc.
Kinco, International
Microchip Technology, Inc.
ON Semiconductor
Pella Corporation
Teeny Foods
Trailblazer Foods
Waxie Sanitary

Medical & Health

Adventist Health – Gresham
Imaging Center
Body of Wisdom – Natural
Family Medicine
Calcagno Pediatrics
Dragonheart Family Healthcare
Dr. Perry Stevenson DDS, MS, PC
Dr. Raymond Onchi DMD
Dr. Robert W. Jones DDS
Gresham Dental
Gresham Urgent Care
NW Gymnastics – Gymnastics
Academy
Legacy Mount Hood Medical
Center
Mt. Hood Women's Health
Olympic Gym
Oregon Eye Specialists
Rose City Breast Care

Nonprofit Organizations

Gresham History Museum
Snow-CAP

Offices

AAA Oregon – Wood Village
branch
Cramer Fish Sciences
Gresham Area Chamber of
Commerce
Persimmon Realty
US Bank Corporate

Restaurants & Coffee Shops

Bryant's Station Restaurant
Cedarville Inn
Chang's Mongolian Grill
Coffee Avenue
Coffee's On
Flying Pie Pizzeria
Outback Steakhouse
Panda Express
Silk Espresso
Starbucks (Gresham Station)
Sunny Han's
Sushiville

Retail

Amiton Furniture
Backyard Bird Shop
Prestige Printing
Springwater Jewelers

Services

Cantel Sweeping
Heavenly Maid Cleaning Service
I Ink Tattoo & Body Piercing
Rockwood Solid Waste

Recycling saves energy!

For 2006, the energy saved in Oregon by recycling was the equivalent of a gallon of gas for each resident per week!

City of Gresham
Department of Environmental Services
1333 NW Eastman Parkway
Gresham, OR 97030



EVALUATION FORM

Business Name: _____ Date: _____
 Site Address: _____ Gresham / Portland Public Restrooms: Y N
 Contact Name: _____ email: _____
 Fax: _____ Phone: _____ website: _____
 Stage (circle one): Baseline Follow Up Progress Completed by: _____
 Employee Count: _____ & /wk Hrs of operation: _____ Customers/Day: _____
 Remodel Year: _____ Year Building Built: _____ SQ ft: _____

Primary Hauler: _____
 Type of Service: Garbage Container _____ Recycling _____
 Day(s) of pick-up: _____
 Resources Distributed: Desksides _____ Central Collection _____ Posters _____ Decals _____ Fluorescents Info
 Additional/Misc. Resources: _____

RECYCLING SURVEY

* Item (Bold is Core)	Have	Recycling it now?			Comments
Corrugated Cardboard		1	2	3	
Mixed Office Paper		1	2	3	
Newspapers/Magazines/Catalogues		1	2	3	
Tin Cans & Aluminum Foll		1	2	3	
E-Scrap (Electronics)		1	2	3	
Plastic Film/Shrink wrap		1	2	3	
Plastic Bottles		1	2	3	
Glass Containers		1	2	3	
Toner Cartridges		1	2	3	
Fluorescent bulbs		1	2	3	
Plastic Tubs & Buckets		1	2	3	
Polystyrene Foam		1	2	3	
Glass: Window and other		1	2	3	
Yard Debris		1	2	3	
Food Scraps/coffee grd		1	2	3	
Batteries		1	2	3	
Phone books		1	2	3	
Scrap Paper		1	2	3	
Scrap Metal		1	2	3	
Oil Filters		1	2	3	
Tires		1	2	3	
Motor oil		1	2	3	
Antifreeze		1	2	3	
Construction Materials		1	2	3	
Aerosol cans		1	2	3	
Wood Waste		1	2	3	
Paint		1	2	3	
		1	2	3	
Bins located next to garbage?		1	2	3	

WASTE PREVENTION SURVEY

* Item	Doable	Doing It now?	Recommend
Two Sided Printing		1 2 3	
Two Sided Copying		1 2 3	
Reducing packaging of products		1 2 3	
Draft Paper for Reuse (Printing or Copying)		1 2 3	
Use Durable dishware (Instead of paper cups/plates)		1 2 3	
Internal Printing Reduction		1 2 3	
Junk Mail Reduction		1 2 3	
List Items and Utilize Materials Exchange		1 2 3	
Office Supply Reuse (SWAP area setup?)		1 2 3	
Outgoing Mailing Lists (update)		1 2 3	
Circulate Documents Electronically		1 2 3	
Collects Draft paper		1 2 3	
Donate Surplus Computers, Furniture, Equipment, Other		1 2 3	
Durable/Washable towels in Restrooms (or blow dryer)		1 2 3	
Purchase in Bulk		1 2 3	
Durable Shipping Cont'rs (Plastic crates, pallets, totes)		1 2 3	
Cleaners in concentrate		1 2 3	
Encourage employee conservation		1 2 3	
Encourage customer conservation		1 2 3	
Food and Beverage in Bulk/Family Style		1 2 3	
Use erasable board to pass info		1 2 3	
Reduce Collection Frequency of garbage		1 2 3	
Online Ordering and Reservations Systems		1 2 3	
Using coffee in bulk (not individual packages)		1 2 3	
Send Packaging back to distributor		1 2 3	
Make scratch pads from used paper		1 2 3	
Reuse promotional Items		1 2 3	
Grasscycling		1 2 3	

Remarks: _____

BUY RECYCLED SURVEY

* Item	Generate	Doing It now?	Recommend
Printer/Copier Paper		1 2 3	
Business Cards		1 2 3	
Envelopes		1 2 3	
Letterhead		1 2 3	
Paper Towels		1 2 3	
Toilet Paper / Napkins		1 2 3	
Computers from EPEAT Registry		1 2 3	
Printer or Toner Cartridges		1 2 3	
Re-refined Motor Oil		1 2 3	
Packaging		1 2 3	
Tires (Retread)		1 2 3	
Lead Acid Batteries		1 2 3	
Plastic or Paper Bags		1 2 3	

Antifreeze	1	2	3
Specialty Papers	1	2	3
Writing Pads	1	2	3

OPERATIONAL SURVEY

* Item	Doable	Doing it now?	Recommend
Have a Purchasing Policy?		1 2 3	
Evaluates Business Practices		1 2 3	
Recovery Goals/Waste Reduction Policy?		1 2 3	
Green Team?		1 2 3	
Recycling info in new employee training?		1 2 3	
In a recognition program?		1 2 3	
Specific roles to facilitate change		1 2 3	
Waste Sort?		1 2 3	

WATER CONSERVATION SURVEY

* Item - Indoor Water Conservation	Doable	Level	Recommended
Install faucet aerators		1 2 3	
Install low flow toilet		1 2 3	
Install low flow shower heads		1 2 3	
Wash full loads		1 2 3	
Install efficient dishwasher		1 2 3	
Install front loading washing machine		1 2 3	
Fix sink and toilet leaks		1 2 3	
Turn off/turn down appliance when not in use		1 2 3	
Reuse wash water		1 2 3	
Use smaller rinsing areas		1 2 3	
Reduce mop water usage		1 2 3	
* Item - Outdoor Water Conservation	Doable	Level	Recommended
Audit sprinkler system, fix leaks		1 2 3	
Install water efficient sprinkler heads		1 2 3	
Reduce irrigation frequency		1 2 3	
Install controller (soil moisture, rain sensor, or ET) for irrigation system		1 2 3	
Avoid watering non-organic surfaces		1 2 3	
Water before 10AM or after 6PM		1 2 3	
Install low flow car wash nozzle		1 2 3	
Install auto-flushing hose bib		1 2 3	
Reduce turf area, install drought tolerant landscaping or pervious hard-scape		1 2 3	
General Conservation Tips			
Encourage customer conservation			
Implement water conservation policies			
Share conservation strategies with public			
Track your water savings			

Yearly Water Use (gallons/yr) _____

Water Use (gal/ customer): _____

WASTEWATER SURVEY

* Item - Food Service	Doable	Level	Recommended
No grease down drains		1 2 3	
Maintain grease trap		1 2 3	
Screens in sink drains		1 2 3	
Minimize indoor spills		1 2 3	
Plug floor drains		1 2 3	
Post "No grease down sink" signs		1 2 3	
Dry wipe pans		1 2 3	
Use smaller rinsing areas		1 2 3	
Do not use degreaser		1 2 3	
Use biodegradable cleaning products		1 2 3	
Reduce mop water usage		1 2 3	
Grease trap or Interceptor - <i>Who cleans? How often?</i>		1 2 3	
* Item - Auto Shops & Manufacturing	Doable	Level	Recommended
Motor Oil - Where does it go?		1 2 3	
Antifreeze - Where does it go?		1 2 3	
Solvents - Where does it go?		1 2 3	
Do not use degreaser		1 2 3	
Containment around bulk liquids		1 2 3	
Post spill response procedures		1 2 3	
Use biodegradable cleaning products		1 2 3	
Conduct training on spill procedures		1 2 3	
Reduce mop water usage Conduct training on spill procedures		1 2 3	
Plug floor drains that are not required		1 2 3	
Oil/water separator - <i>Who cleans? How often?</i>		1 2 3	
* Item - Dental Offices	Doable	Level	Recommended
X-ray equipment (radiography)		1 2 3	
Fixer - gallons per month?		1 2 3	
Spent/Used fixer disposal method - disposal service company?		1 2 3	
X-ray lead foil - disposed of? How often? Disposal/recycle service company?		1 2 3	
Amalgam filings, particles, capsules - disposal/recycle service company?		1 2 3	
Amalgam separator installed?		1 2 3	
Use biodegradable cleaning products		1 2 3	
* Item - Office, Retail & Other	Doable	Level	Recommended
No grease down drains		1 2 3	
Post "No grease down sink" signs		1 2 3	
Screens in sink drains		1 2 3	
Minimize indoor spills		1 2 3	
Use biodegradable cleaning products		1 2 3	

STORMWATER SURVEY

Item	Doable	Level	Recommended
Stencil stormdrains		1 2 3	
Sweep sidewalk and lot		1 2 3	
Reduce pollutants to stormdrains		1 2 3	
Keep garbage area clean		1 2 3	
Keep dumpster lids closed		1 2 3	
Install containment for material storage		1 2 3	
Locate dumpsters away from stormdrains		1 2 3	
Wash cooking racks and kitchen mats indoors		1 2 3	
Train employees for spill response		1 2 3	
Maintain stormdrains		1 2 3	
Fix catchbasin		1 2 3	
Install drip irrigation		1 2 3	
Use native plants		1 2 3	
Reduce use of fertilizers		1 2 3	
Reduce use of pesticides		1 2 3	
Have a car wash kit		1 2 3	
Water quality treatment facility – pond, swale, filter, vault, oil/water separator		1 2 3	
Keep inspection records/maintenance agreements on water treatment facility?		1 2 3	

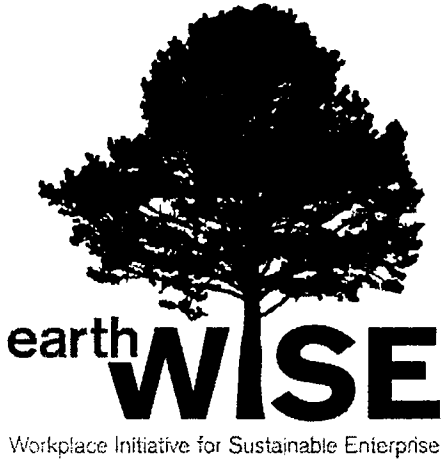
Remarks: _____

Who maintains the stormdrain(s)? _____

ENERGY SURVEY

* Items	Doable	Level	Recommended
Install compact fluorescent bulbs		1 2 3	
Clean refrigerator coils		1 2 3	
Install adjustable thermostat		1 2 3	
Install electronic ballast fluorescent		1 2 3	
Unplug appliances when not in use		1 2 3	
Use day lighting - Appropriate? Where?		1 2 3	
Have regular maintenance for all equipment		1 2 3	
Use motion sensors		1 2 3	
Clean air filters		1 2 3	
Install adjustable/programmable thermostats		1 2 3	
Purchase renewable power		1 2 3	
Energy Trust equipment cash incentives for food service and lodging businesses		1 2 3	

Remarks: _____



Marion County EarthWISE Business Certification Application

Marion County Public Works- Environmental Services
5155 Silverton Road NE; Salem, OR 97305
(p) 503-588-5169 (f) 503-588-3565
www.co.marion.or.us/PW/ES/earthwise

Date: _____

Business Name: _____

Address: _____

Phone: _____

Fax: _____

Contact Name: _____

Contact Email: _____

Business Website: _____

Is your business a Chamber of Commerce Member? Yes No
Please name Chamber of Commerce: _____

Please check each item that applies to your business. During the certification site visit an EarthWISE program representative will confirm that each of the checked items is accurate.

1. Recycling (at least five to qualify)

*EarthWISE Businesses are **required** to:*

- Provide an on-site recycling program that includes cardboard, paper, bottles, cans, & rigid plastic containers
- Provide janitorial collection of recycling at a minimum of one location in each workspace

In addition, EarthWISE Businesses are required to recycle at least three of the following materials:

- Batteries
- Electronics (computers, monitors, printers and cell phones)
- Film Plastics (shrink wrap, plastic bags, etc.)
- Fluorescent Lamps
- Glass
- Latex Paint
- Motor Oil
- Printer Cartridges
- Styrofoam
- Cooking Oil
- Other _____

2. Waste Reduction & Prevention (at least 4 to qualify)

EarthWISE Businesses are required to comply with at least four of the following practices to qualify:

- Have alternatives to paper towels in all bathrooms, lunchrooms, and kitchens
- Have reusable dishware available in all kitchens
- Set up at least one printer to automatically duplex (double side) print
- Establish a draft printer to be stocked with old fax paper or other paper used on one side
- Change all fluorescent lamps to T8's with electronic ballasts
- Develop and implement at least one paperless office effort (email vs. fax/snail, email invoices, offsite back-up systems, etc.)
- Use rechargeable batteries
- Participate in or start a reusable office supply exchange program
- Provide reusable and washable coffee mugs/drinking glasses at meetings instead of disposable
- Purchase at least two materials in bulk (please list materials):

- Commit to sustainable catering practices
- Compost food debris
- Eliminate Styrofoam and cardboard box lunches at meetings
- Other _____

3. Environmentally Preferable Purchasing (at least 3 to qualify)

EarthWISE Businesses are required to:

- Purchase printer/copier paper with a minimum of 10% recycled content.

In addition, EarthWISE Businesses are required to use at least two of the following recycled or green content products:

- Toilet paper (minimum 30%)
- Paper towels (minimum 10%)
- Trashcan liners (minimum 10%)
- Writing Pads or post its (minimum 10%)
- Envelopes (minimum 10%)
- Business Cards (minimum 10%)
- Other _____
- Use green cleaning products
- Adopt a sustainable purchasing policy

4. Outreach & Education (at least 2 to qualify)

EarthWISE Businesses are required to:

- Establish a Green Team of employees that are responsible for maintaining EarthWISE Certification criteria and assisting co-workers with implementing EarthWISE practices and answering questions

In addition, EarthWISE Businesses are required to commit to at least one other outreach and education practice:

- Hold an annual employee training on best environmental practices in your workplace
- Provide easily accessible resource conservation information for employees on internal website or in centralized locations such as break rooms
- Establish a section of a current electronic newsletter or create a new electronic newsletter that provides information about the EarthWISE resource conservation areas
- Designate a staff recycling or sustainability coordinator to oversee and maintain recycling program and organize the Green Team
- Other _____

5. Water Conservation (at least 1 to qualify)

EarthWISE Businesses are required to commit to at least one water conservation activity:

- Install low flow toilets

- Use leak tablets or food coloring to detect toilet leaks. If detected, document and fix leaks.
- Reduce irrigation frequency and avoid watering during the hottest times of the day and on windy days
- Install faucet aerators in bathrooms and kitchens
- Use drip irrigation and/or soaker hoses instead of broadcast spray sprinklers
- Install low-flow shower heads
- Use front loading washing machines (with energy star label)
- Other _____

6. Wastewater and Stormwater Management (at least 3 to qualify)

EarthWISE Businesses are required to comply with at least 3 wastewater and stormwater management practice:

- Place screens in sink drains
- Dispose of waste water (such as mop water) on outdoor plants, grass, or down an indoor drain
- Post “No grease or caustic chemicals down sink” signs in kitchens
- Manage grease with trash hauler (if appropriate)
- Landscape with native plants and/or trees
- Locate dumpsters away from storm drains
- Maintain storm drains yearly
- Maintain a regular sweep schedule of parking lot
- Stencil or mark storm drains with a “dump no waste” message (available from City of Salem Public Works or Marion County EarthWISE)
- Establish integrated pest management to reduce chemical use in your landscaping
- Wash fleet on grass and use biodegradable cleaning products
- Other _____

7. Energy Conservation (at least 4 to qualify)

EarthWISE Businesses are required to commit to at least four energy conservation practices:

- Establish a mandatory computer and monitor shut-down of all monitors and computers at the end of the work day
- Establish a mandatory monitor turn-off policy when monitors are not in use for 15 to 30 minutes or more.
- Install compact fluorescent light bulbs in at least 50% of lighting fixtures
- Keep refrigerator temperature between 38 and 42 degrees Fahrenheit and freezer temperature between 0 and 5 degrees Fahrenheit
- Install timers or motion sensors in hallway, bathrooms, closets, conference or break rooms
- Install timers or motion sensors on outdoor lights (except areas requiring security)
- Adjust thermostats to heat rooms at 65 to 68 degrees Fahrenheit and to cool rooms at 76 to 78 degrees Fahrenheit
- Set water heater to 120 to 130 degrees Fahrenheit (unless required for health purposes)

- Wash with the cold water cycle unless otherwise required and post this near or on washing machines
- Commit to purchasing only Energy Star label appliances
- Other _____

8. Above and Beyond (at least 1 to qualify)

In addition, EarthWISE Businesses must engage in one additional activity, such as:

- Use only environmentally preferable cleaning products except when required by law to use specific disinfectant products
- Attain LEED EB status (Leadership in Energy and Environmental Design-Existing Building)
- Conduct an Energy Audit with the Energy Trust of Oregon
- Purchase green power
- Purchase carbon offsets (green tags) for energy use or fleet travel
- Generate renewable energy onsite
- Provide bike parking and shower facilities for employees & bike parking for customers
- Provide employee incentives for carpooling, public transportation, or biking
- Incorporate sustainability into food contract
- Incorporate sustainability into landscaping contract
- Add hybrid or electric vehicles to fleet
- Use alternative fuels such as bio-diesel to fuel your fleet
- Establish a sustainable purchasing policy
- Develop a continuous improvement plan for your site
- Other _____

With the signature below I hereby acknowledge that all EarthWISE certification actions implemented by my business and indicated above are true and accurate.

Signature

Date

Signature of manager, CEO, or owner if
different than above

Date

_____ is officially EarthWISE Certified on this the _____
Business
day of _____, _____

Signature

EarthWISE Program Representative

BRING Business Efficiency Program Project Budget

First Year Startup Expenses

Program development	5,000
Branding & materials development	10,000
Tracking Software development	5,000
Startup total	\$20,000

Logo, forms, and other materials

	2009-10	2010-11	2011-12
--	----------------	----------------	----------------

Operating Expenses			
Wages, taxes & benefits	45,000	45,000	45,000
Mileage	1,500	1,500	1,500
Supplies	1,500	1,500	1,500
Advertising & special promotions	10,000	10,000	10,000
Awards	3,000	3,000	3,000
Results tracking & reporting system	2,000	2,000	2,000
Professional development	1,000	1,000	1,000
Administration	14,000	14,000	14,000
2% cost increase	0	1,560	1,591
Operating total	\$78,000	\$79,560	\$79,591

Budget notes

1 FTE, with benefits.
 Recycling boxes, faucet aerators and other materials for program participants
 One monthly quarter-page ad in the Register Guard
 Each certified business will receive an award
 Maintenance & updating of tracking system
 Conferences & training
 Overhead, bookkeeping & financial tracking, computer, office admin assistant support, office use & supplies

Revenue

Lane County Waste Diversion Fund	98,000
Revenue	
EWEB	15,000
SUB	5,000
EPUD	2,500
Other Utilities	3,000
Metro Waste Water Management	2,500
City of Eugene	10,000
City of Springfield	5,000
Recertification fee 50@ \$200	10,000
Other Funding (Grants, DEQ fund etc)	36,560
	26,591

\$98,000 \$79,560 \$79,591

BRING would seek funding partners and alternative financing options for 2010 and subsequent years. We recognize the revenue to continue the program is speculative. A pilot establishes need and data, providing necessary information to pursue funding sources.

BRING Business Efficiency Program

Comparison to local programs associated with resource efficiency/sustainability

BRING / REAP	type of service			type of customer			location	cost	topics
	general advice	technical advice	certification	residential	small/med business	large business			
Earth Advantage homes	•		•	houses only			on-site	\$	
P2 program for green auto shops	•		•	auto only			on-site	free	
Climate Masters at Work	•				•		class	\$	
Climate Masters at Home	•				•		class	30 hrs. time	
EWEB energy & water audits	•	•			•	•	on-site	free	
Green Lane business network		networking			•		meeting	\$	
LCC business sustainability classes		•			•		class	\$	
UO business sustainability classes		•			•		class	\$	
Good Company		•			•		on-site	\$\$	

- recycling
- energy
- water
- toxics
- waste prevention



Eugene Area
Chamber of
Commerce

July 31, 2009

Board of County Commissioners
and Waste Management Staff:

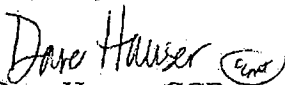
The Eugene Area Chamber of Commerce is pleased to support BRING'S application to fund for a free, hands-on business efficiency pilot program, and urges the Commissioners to approve it.

Businesses are eager to find low cost, practical ways to save money and resources, but many have difficulty finding time to understand all the options, or money to pay for a consultant to assist them. BRING's service meets those needs, especially for the hundreds of small and medium-sized firms that make up the vast majority operating in our community. BRING will go out and visit businesses in person, providing the kind of one on one, hands on help that works best. They'll deliver a comprehensive report detailing options, and provide referrals to locally available resources. Their service will make it easier and quicker for businesses to get the help they need.

Businesses taking steps to reduce waste enjoy a public relations advantage, so BRING's certification option, with all the free public recognition that goes along with it, is a real plus. The general public trusts BRING as an organization, and businesses will benefit from the positive community exposure. Businesses trust BRING because they are non-regulatory in approach, and, as entrepreneurs themselves, understand the issues businesses face.

We are hopeful that projects such as these can serve as a catalyst for continued positive change in our community and at the same time provide a much needed economic boost to the regional economy.

Sincerely,


Dave Hauser CCE
President

1401 Willamette Street
P.O. Box 1107
Eugene, OR 97440-1107
TEL: 541.484.1314
FAX: 541.484.4942

July 29th, 2009

Letter of Support for Bring Recycling Green Certification Program

To whom it may concern,

I write this letter in support BRING Recycling's Green Certification Program. I have had first hand experience working directly with Carolyn Stein, Education Director at BRING, to complete the sustainability assessment of my business located in Springfield, Oregon. I appreciate the hands on help that is provided during this process. This level of support will enable us to complete the remainder of the items in the assessment so we can become a Green Certified Business. The process can be quite lengthy depending on the business leader's knowledge base, time and commitment to the project. The support is so hands on that the business can succeed. This is also a valuable approach and is much more effective than web based or printed resources.

Carolyn Stein has provided us with several local referrals and resources. With this assistance she has saved us many hours of research. Another great aspect of this program is that it is free. With the current state of the economy most small businesses don't have cash to pay. This opens the door for them to still be able to accomplish such an important process and ultimately reduce their carbon footprint.

One of the most helpful aspects of the program is that almost everything happens on-site. Most business leaders do not have the time to attend classes or meetings therefore will not participate solely because of the time commitment it takes to learn and implement such a program. When it comes to us, we can get on board.

This program is necessary because without it people are not educated and will not participate in something that is difficult or that will take them away from their business because their business will suffer in another area. People are not willing to give up their time, even for the environment. The team at BRING is making it easy for businesses to participate and be successful. I believe that this is the only way we will make a true impact on preserving our environment.

Sincerely,

Ronda Perkins
Chief Operations Officer
ElderHealth & Living Corp.

July 31, 2009



To Whom It May Concern:

Our names are Leslie Scott and Katie Wilson-Hamaker. We are the co-chairs of GreenLane, a member-based Sustainable Business Network for Lane County. GreenLane offers four main tenants to our members: Education, Marketing, Resources and Networking. We are writing on behalf of GreenLane in support of BRING's intent to form a Business Resource Efficiency Assistance Program (REAP).

For a number of reasons, this program is vital to the success of Lane County Businesses. First, a program like REAP will assist in meeting Lane County's waste reduction goals by evaluating and educating business on recycling and waste reduction. Second, within GreenLane alone, we have seen first hand the demand for a program such as REAP. We now have nearly 80 business leaders in a short 6 months of offering services. Each one of our members have joined GreenLane with the knowledge that they will receive training and education on how to operate a more efficient business with the intent of reducing waste, reducing energy, and increasing the strength of a local supply chain.

While GreenLane is able to offer educational roundtables, speakers, and time to network with peers in the community, this is not enough. Our members are seeking credible, systematic, and efficient approaches to making responsible operating and procurement decisions to meet consumer, community, and civil society expectations. Without accurate standards to guide their practices, companies are unsure as to which policies and practices make business sense. This support and standard would be found through an organization like BRING who is trusted by businesses because they run a business enterprise and understand the challenges that weighing priorities pose for a small business.

The University of Oregon, GreenLane SBN, Eugene Chamber, Springfield Chamber, and The City of Eugene partnered together to collect data on the needs of businesses who are seeking sustainability. The results for best practices analysis found several methods that the county can do to help businesses operate more efficiently and sustainably. A few key points to note are as follows:

- Make it easy. REAP is proposing an evaluative tool that is easy to understand and use.
- Provide Incentives. REAP is a free tool that enables a smarter business, fosters internal and community-wide efficiencies, and reduces operating expenses through waste reduction, energy reduction, and local re-use and purchasing.
- Set Specific, Measurable, and Realistic Goals. Businesses in Lane County are able to see the direction

Additionally, Katie served on a Steering Committee, Global Initiative for Sustainability Ratings (GISR) with for profit organizations such as Gap, Nike, HP, REI, think tanks such as Tellus Institute and Corporation 20/20, and nonprofits such as B Corporation, Ethical Corp and JusSemper. GISR's task was to evaluate the need and success of a single evaluative tool to rate the efforts of a business towards sustainability. We found that until a rating framework develops the full power of consumers, civil society, government procurement and capital markets will fall short in achieving their full potential to drive forward the sustainability agenda.

Time, resources, and effort around the globe has gone towards understanding the benefits of a sustainable business community, some of which include increased revenues, reduced costs and operational risk, decreased staff turnover, and reputation enhancement. Right now in Lane County, organizations large and

July 31, 2009

small want to benefit from the integration of sustainability into their strategies, policies, governance, and practices. BRING has built a viable program that offers Lane County the credible solution to offer the business community.

Thanks for your consideration to this matter.

Best,

Leslie Scott and Katie Wilson-Hamaker
Co-chairs, GreenLane, SBN
541.337.3855



July 27, 2009

TO: Patti Hansen, Waste Management Manager
Sarah Grimm, Waste Management Specialist

FROM: Dan Egan, Executive Director
Springfield Chamber of Commerce

RE: BRING Resource Efficiency Assistance Program

Thank you for the opportunity to add the Springfield Chamber of Commerce voice in support of this BRING-authored program.

In this current culture of all things recyclable and wise use of our limited resources, business owners and employers have limited time to understand, much less execute, best practices in this area. There is a great need to have outside and expert help in rethinking how and what is used in their companies in the way of resources, energy and water. There is an understanding of what comes in the front door, and what goes out the back door, but a great need to understand how to think differently about this equation, and what could be done differently while companies handle these various components of their business.

In listening to what BRING is proposing, I am struck as to how useful and needed this mentoring can be to businesses – especially small businesses. These are challenging times for all businesses, and if there is a way to realize any savings at all, then we need to support that effort. I believe many in the business world would not only welcome such a program, but readily put it to use in their own companies.

Again, thanks for the chance to lend support to this program. I believe each dollar invested in BRING's program will translate to many dollars saved and recycled throughout the business community and Lane County.

Best regards,

A handwritten signature in black ink, appearing to be "Dan Egan", written over a horizontal line.

Dan Egan

cc: Julie Daniels, BRING