

Final Report

EcoBiz Outreach Services
Clackamas River Water Providers
FY 2015/16

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pacific northwest
POLLUTION PREVENTION
resource center



Introduction

The Pacific Northwest Pollution Prevention Resource Center provides outreach and technical assistance on behalf of local government agencies and manages the Eco-Logical Business Program (EcoBiz) Certification. EcoBiz is a voluntary, third party verified certification for businesses and public agencies that reach high standards in environmental protection. To become certified, participants must demonstrate industry best management practices to reduce and prevent air, water, and hazardous waste pollution. Certification is available to automotive service business, including auto repair, car washes, radiator repair, and body shops, throughout the state of Oregon, and landscaping firms within the Portland Metro Region. Public agencies, such as parks departments and fleet maintenance operations, are also eligible for certification.

Project Overview

During the 2015-2016 fiscal year PPRC contracted with Clackamas River Water Providers (CRWP) to provide technical assistance to businesses within Clackamas County Service District #1 (CCSD1). Funds supported a work plan developed in cooperation with Clackamas County Water Environment Services (WES), who arranged for a separate outreach and technical assistance contract totaling \$10,000.

The following table outlines project tasks and completed activities. See appendix A for a summary of business interactions.

Project	Proposed Tasks	Completed Activities
EcoBiz Outreach	Promote Pollution Prevention (P2) practices and EcoBiz Certified Landscapers to property management companies, homeowners associations, and multifamily housing complexes.	PPRC contacted and provided technical assistance to four (4) property management companies.
	Provide technical assistance for businesses and organizations interested in stormwater management improvements, and connect them with resources, grants, and information.	<p>PPRC promoted RiverHealth Grants to staff at Sunnyside Elementary and North Clackamas School District.</p> <p>PPRC engaged the non-profit Depave. Staff met with on three occasions to discuss partnership opportunities, identify potential project sites, and promote funding through the RiverHealth Grant. Depave did not choose to move ahead with projects in CCSD1.</p> <p>One property owner, referred by CCSD1 staff, was provided with grant information, along with a information on properly maintaining a private water quality facility and removing invasive plants.</p>
	Contact non-EcoBiz certified landscapers and auto shops operating within the district and provide EcoBiz certification services and technical assistance. Provide twenty (20) targeted technical assistance visits to businesses.	PPRC contacted and offered technical assistance to nine (9) automotive shops and twenty three (23) landscape contractors. Most of landscapers contacted received an outreach letter offering free technical assistance and EcoBiz Certification.
	Develop a new outreach tool which covers non-structural P2 best management practices (BMP) for commercial and industrial businesses.	PPRC created the Carli Creek Outreach Flyer, which included practical BMP's for businesses. The flyer was developed with cooperation from WES staff. See appendix B for the flyer.
	Coordinate PPRC's outreach activities with local and regional partners including the Clackamas River Water Providers, Sustainable Clackamas County, and the Pollution Prevention Outreach (P2O) Team.	PPRC coordinated outreach efforts with local and regional partners and updated the Pollution Prevention Outreach Team.

Project	Proposed Tasks	Completed Activities
Carli Creek Outreach	Conduct targeted outreach to property owners and businesses located within the Carli Creek watershed in CCSD#1 on behalf of WES, (1) emphasizing pollution prevention practices to improve stormwater runoff quality, (2) preventing illicit discharges of wastewater, and, (3) preventing and promptly responding to spills.	PPRC worked with WES to develop a map of the Carli Creek stormwater basin, which included property lines, storm features, storm pipes, storm ponds, sanitary features, and sanitary features. Outreach staff used this map, along with the Carli Creek Outreach Flyer, to help discuss the Carli Creek project with businesses. PPRC visited and offered technical assistance to thirty one (31) businesses within the Carli Creek Watershed. Every business visited was provided with a copy of the outreach flyer.
	Include education about the importance of spill notification to DEQ and WES or CCOM.	PPRC included this information in the Carli Creek Outreach Flyer.
	Distribute WES-approved educational materials to property owners and businesses.	See above for a description of the Carli Creek Outreach Flyer.

P2 Improvements

PPRC promoted a number of business practices designed to prevent stormwater pollution, conserve water, reduce the use of toxic chemicals, and save money. The following is a summary of practices adopted by businesses:

Business	Improvement	P2 Estimate
Clackamas Auto Repair	Replaced leaking sink faucet. PPRC provided faucet (\$25), business installed.	65,700 gallons. Notes: Faucet on utility sink had a continuous leak. To measure savings, PPRC filled a one gallon jug of water in 8 min = 7.5 g per hour, 8,760 hours per year, 65,700 gallons per year saved. (87.82 cubic feet). \$204.62 saved. Notes: Clackamas River Water - Commodity Charge for Direct Service Customers Per 100 Cubic Feet Multi-family, Commercial & Industrial (all sizes & billings): \$2.33 X 87.82 cubic feet. of water.
Clackamas Auto Repair	Switched from single use to bulk brake cleaner. PPRC provided Sure Shot Sprayer	170 pounds of solid waste reduced 24 pounds of CO2 reduced \$792 saved per year Notes: Estimate for two techs. Assume single use, 14 oz, non-chlorinated brake cleaner, 5.75% carbon dioxide composition, \$3.50 per can, .375lb can. Replaced by 5 gallon bulk non-chlorinated brake cleaner, \$95 or \$19 per gallon, can 1lb, used with compressed air and refillable containers.
Sense of Place Permaculture	Added vehicle spill kit	4 oz. of transmission fluid cleaned up after staff deployed spill materials in the field.

Business	Improvement	P2 Estimate
Bartlett Tree Experts / Collier Arbor Care	Added Oil Only Boom around storm drain near fueling station. PPRC provided.	128 oz. of (2 gallons) petroleum products. Boom has capacity to collect up to 6 gallons, and is UV rated for one-year of outdoor use.

Additional Activities

On Tuesday April 5, PPRC staff toured the Carli Creek project area. WES staff Andrew Swanson and Leah Johanson provided site history and project background to help PPRC in their outreach efforts.

On Tuesday April 26, 2016 PPRC staff reported two illicit discharges to WES. The first appeared to be coming from Pacific Seafood's facility, into a private storm drain. The incident was investigated by Ed Gilmore, Source Control Specialist, and the company took immediate corrective action. The second incident was a discharge of hydro-seeding material on SE Capps Road.

CRWP contributed to an EcoBiz Landscape advertisement in All Things Real Estate, promoting EcoBiz Certified Landscapers. The campaign ran for three months, and was funded in part by City of Gresham, Clean Water Services, City of Lake Oswego, and WES. PPRC created an advertisement promoting EcoBiz Certified Landscapers for the spring edition of Clackamas County's Citizen News. See appendix C for EcoBiz Advertisements.

PPRC developed a memo encouraging public agencies to include EcoBiz Certification as a preference or requirement when awarding landscaping or automotive contracts. Metro Regional Government has added EcoBiz as a third party certification to their internal purchasing guidelines. City of Gresham and Eugene Water and Electric Board have both successfully used EcoBiz contract language in recent requests for service. See appendix D for a copy of the memo.

Final Budget

The following lists expenses paid by Clackamas River Water Providers to PPRC during FY 2015/16.

Role	Staff Person	Hourly Rate	Hours	Expenses
Program Management, outreach and technical assistance	Mitchell Frister	\$47	39.5	\$1,856.50
Outreach and technical Assistance	Margaret Puckette	\$42	59	\$2,478.00
Contract management and billing	Adelina Balog	\$60	2	\$120.00
Travel, printing, supplies, Business resources, promotion				\$540.92
Total				\$4,995.42

Appendix A: Summary of business interactions

Organization Name	Address	Project	Sector	Notes
1st Choice Auto Service	15679 SE 135th Ave.	EcoBiz	Automotive	Visited shop and provided Carli Creek outreach flyer, EcoBiz Certification information, and one spill kit. Assistant manager was very positive about Carli Cr. project. He understood the need for stormwater protection. While there, he described their BMPs for Haz waste, pollution prevention, and containment.
AAMCO of Clackamas	11773 SE Highway 212 #103	EcoBiz	Automotive	Visited shop and provided EcoBiz certification information.
Anderson Landscape	10463 SE 145th Ave	EcoBiz	Landscaping	Sent EcoBiz Landscape outreach letter and called twice. Left voicemails.
B & B Brush Clearing LLC	PO Box 68361, 97268	EcoBiz	Landscaping	Sent EcoBiz Landscape outreach letter and called twice. Left voicemails.
Bartlett Tree Experts (Collier Arbor Care)	11814 SE Jennifer St	EcoBiz	Landscape	Toured Carli Creek area managed by business. Provided oil only absorbant boom for fueling area. Later spoke with Logan Collier about Carli Creek presentation to the Happy Valley Business Alliance. He was very positive about the project, and referred Kathy Schaub who is an HVBA board member. She suggested a slot in the fall, TBD.
Belair Auto Body	14721 SE 82nd Dr.	EcoBiz	Automotive	Provided information on spray efficiency training for auto body painters held in July 2015.
Cardscapes Creative Landscaping LLC	8885 Se Tiffany Ct	EcoBiz	Landscape	Sent EcoBiz Landscape outreach letter and called twice. Left voicemails.
Clackamas Auto Repair and Transmission	11773 SE Highway 212 #101	EcoBiz	Automotive	Conducted site visit and provided recommendations report for EcoBiz Certification. Provided three follow up visits to assist with implementing recommendations.
Crystal Greens Landscape	11627 SE Capps Rd	EcoBiz	Landscaping	Sent EcoBiz Landscape outreach letter and called twice. Left voicemails.
Dennis' Seven Dees Landscaping	7355 SE Johnson Creek Blvd	EcoBiz	Landscaping	Sent EcoBiz Landscape outreach letter and called twice. Left voicemails.
Fox Erosion Control & Landscape Inc	11901 SE Hwy 212	EcoBiz	Landscape	Sent EcoBiz Landscape outreach letter
Greatscapes Inc.	12473 SE Central Park Court	EcoBiz	Landscaping	Sent EcoBiz Landscape outreach letter and called twice. Left voicemails.
Green Pro LLC	9021 SE Hinkley Ave	EcoBiz	Landscaping	Sent EcoBiz Landscape outreach letter and called twice. Left voicemails.
Ground Up Services	6712 SE Overland	EcoBiz	Landscaping	Sent EcoBiz Landscape outreach letter and called twice. Left voicemails.
Handley Landscapes	1441 1SE Garland Court	EcoBiz	Landscaping	Sent EcoBiz Landscape outreach letter and called twice. Left voicemails.
Honest-1 Auto Care Clackamas	15653 SE 135th Ave.	EcoBiz	Automotive	Visited shop and provided Carli Creek outreach flyer, EcoBiz Certification information, and one spill kit. Lobby signs touted their ESA (Environmentally Sustainable Actions). Carli Creek flyer will be posted in break room. Showed great interest in park. Said they regularly practice spill prevention and containment.

Appendix A: Summary of business interactions

Kings Landscape	PO Box 2139 97015	EcoBiz	Landscape	Sent EcoBiz Landscape outreach letter and called twice. Left voicemails.
Landgraphics, INC.	11627 SE Capps Rd	EcoBiz	Landscape	Sent EcoBiz Landscape outreach letter. Business now owned by Crystal Green Landscape.
Landscape East & West (Clackamas)	15601 SE 90th Ave.	EcoBiz	Landscape	Conducted site visit and provided recommendations report for EcoBiz recertification. Currently working with staff to implement recommendations.
Marcos Reyes Landscape	7330 SE Webster Lane	EcoBiz	Landscape	Sent EcoBiz Landscape outreach letter and called twice. Left voicemails.
Mark Chace Automotive Inc	14725 SE 82nd Dr.	EcoBiz	Automotive	Visited shop and provided EcoBiz Certification information, and spill kit.
Milwaukie Tire & Auto Services	8921 SE Herbert Ct.	EcoBiz	Automotive	Visited shop and provided EcoBiz Certification information, and spill kit.
Northwest Native Landscapes LLC	Hwy 224 and 130th	EcoBiz	Landscape	Business contacted PPRC through EcoBiz website, and again in person during a class. Owner is very positive about EcoBiz. The first client site visit and checklist is scheduled for August 1, 2016. Yard and shop visit in Clackamas TBD.
Oregon Landscape	12805 SE Capps Rd	EcoBiz	Landscape	Sent EcoBiz Landscape outreach letter. Called twice, left voicemails.
Oregon Tree Care	7609 SE Overland St.	EcoBiz	Landscape	Sent EcoBiz Landscape outreach letter and called twice. Left voicemails.
Paradise Restored Landscaping	9907 SE 82nd Ave.	EcoBiz	Landscape	Sent EcoBiz Landscape outreach letter and called twice. Left voicemails.
Personal Touch Landscape Maintenance Inc.	14797 SE Territory Dr	EcoBiz	Landscape	Sent EcoBiz Landscape outreach letter. Called twice, left voicemails.
Real Landscape Management	PO Box 533, 97015	EcoBiz	Landscape	Sent EcoBiz Landscape outreach letter and called twice. Left voicemails.
Reyes Brothers Landscape	15661 SE McKinley Ave	EcoBiz	Landscape	Sent EcoBiz Landscape outreach letter and called twice. Left voicemails.
Sense of Place Permaculture, LLC	8438 SE Clackamas Rd	EcoBiz	Landscape	Conducted final inspection and completed EcoBiz Certification with WES and DEQ staff.
Seven Oaks Center	13520 SE 97th Ave.	EcoBiz	Property Management	Referred by Gail Shalom. Property owner interested in RiverHealth Grant to remove invasives and replant with natives. Visited site. Sent owner information and recommendations to improve site to original conditions.
Source Automotive	16805 SE 130th Ave.	EcoBiz	Automotive	Visited shop and provided EcoBiz Certification information, and spill kit.

Appendix A: Summary of business interactions

Sunnyside Elementary	13401 SE 132nd Ave.	EcoBiz	Other	<p>Contacted school representatives and gauged interest in a potential stormwater project at Sunnyside Elementary and discussed funding opportunities through the RiverHealth Grant. District facilities supervisor Melinda Schumacher connected PPRC staff with Rob Waibel, an instructor in Natural Resources at Sabin/Schellenberg skills center. He is interested in assisting with a project at Sunnyside, providing curriculum and student support. PPRC also met with Jennifer Dove-Kiltow, Principal at Sunnyside. She is interested, but could not identify a "champion" teacher to support a project. PPRC will reconnect with staff in the fall.</p>
Tim's Automotive Repair & Sales	15688 SE 135th Ave.	EcoBiz	Automotive	<p>Visited shop and provided Carli Creek flyer, EcoBiz information, and one spill kit. Site drains through sand trap to large retention pond that Tim said was required by the County. Owner VERY knowledgeable & concerned about stormwater, and active in community advocacy. He appreciated the new Carli Creek work, but was critical of County's past SW management.</p>
Aronson-Campbell Industrial Supply, Inc.	12820 SE Hwy 212	Carli Creek	Other	<p>Visited business to discuss Carli Creek Project and upcoming construction. Employee I spoke with showed strong interest in project. Left flyer and biz card.</p>
Bob's Red Mill	11205 SE Jennifer St	Carli Creek	Other	<p>Visited business to discuss Carli Creek Project and P2 BMP's. Provided flyer. Was referred to corporate office. Contacted corporate office via website.</p>
Cenveo Inc	12760 SE 125th Ct	Carli Creek	Other	<p>Visited to speak about the Carli Creek project and provided flyers. The manager was out. Left biz card. Staff that met me showed interest in the project. Emailed the property manager and the business owner to follow up.</p>
Charlie's Produce	10755 SE Jennifer St	Carli Creek	Other	<p>Visited business and provided Carli Creek flyer. Person recommended contacting the operations manager who was not available. Follow-up call to operations manager, left voicemail.</p>
CHEP / Greatwide Logistic Services	11401 SE Jennifer St	Carli Creek	Other	<p>This building houses a pallet repair facility and a logistics company. Employee referred me to property manager, who I called and emailed about the construction and Carli Creek project. The property manager's website touts business model as inherently sustainable: reduces footprint, CO2, and that CHEP reduces-reuses-recycles pallets & containers, made of sustainably-managed timber.</p>
Clackamas Commons / Investment Development Management, LLC	12434 SE Capps Road	Carli Creek	Property Management	<p>Manages Clackamas Commons. Sent information regarding Carli Creek Project, and offered free tools and assistance for preventing pollution.</p>

Appendix A: Summary of business interactions

<p>Clean Harbors Inc., Field Services</p>	<p>12402 SE Jennifer St.</p>	<p>Carli Creek</p>	<p>Other</p>	<p>Clean Harbors is a potential business partner in Carli Creek outreach. It is a national environmental services firm, owns Thermo Fluids (company) and Safety Kleen (land and company). Manager was fully aware of stormwater issues, laws, and pollution prevention--this is their main line of business. Strong interest in project, will consider public or B2B endorsement. Sent email at his request and asked for support for WES and the County.</p>
<p>ComeUp USA, Inc.</p>	<p>12930 SE Hwy 212</p>	<p>Carli Creek</p>	<p>Other</p>	<p>Visited business and provided Carli Creek flyer to the manager. Explained the reason for the project and the value of stormwater protection.</p>
<p>Cornell Pump</p>	<p>16261 SE 130th Ave.</p>	<p>Carli Creek</p>	<p>Other</p>	<p>Visited business to discuss Carli Creek Project and P2 BMP's. Met with facilities manager, showed Carli Creek map, provided basic education on the project.</p>
<p>Disdero Lumber Co</p>	<p>12301 SE Carpenter Dr</p>	<p>Carli Creek</p>	<p>Other</p>	<p>Visited business to discuss Carli Creek Project and provided two flyers for in the employee breakroom. Was told to contact president when he returns. Called and emailed. He replied he was referring this up the chain.</p>
<p>Extreme Products</p>	<p>12310 SE Hwy 212</p>	<p>Carli Creek</p>	<p>Other</p>	<p>Visited business to discuss Carli Creek Project and provided flyer.</p>
<p>Fastenal</p>	<p>12360 SE Hwy 212</p>	<p>Carli Creek</p>	<p>Other</p>	<p>Potential partner in Carli Creek outreach. Very strong interest in project. Sells spill materials, containment pallets, and supplies industrial contractors & maintenance firms. Will offer 10% discount on purchases resulting from Carli Creek outreach.</p>
<p>Fred C Gloeckner Co</p>	<p>12400 SE Hwy 212</p>	<p>Carli Creek</p>	<p>Other</p>	<p>The manager was away when I visited but the Assistant Mgr was very interested in the Carli Creek project and believed the Mgr would be too. Left flyers and biz card, and described the project in detail.</p>
<p>Fred Meyer Distribution</p>	<p>11500 SE Hwy 212</p>	<p>Carli Creek</p>	<p>Other</p>	<p>Operations Manager Kelly Jones was informed about the stormwater facility construction on Carli Creek. We discussed impacts of the project on traffic; the benefits of clean runoff water for salmon and drinking; and the new public park. Mr. Jones said Fred Meyer has a very strong commitment to sustainability, and described their onsite water treatment, solar array, spill kits, and plant-wide LEDs. He said he would like PPRC training on pollution prevention for employees in the truck and fork lift maintenance shops. Fred Meyer would consider offering a tour of their facility for business leaders to feature their sustainability practices.</p>

Appendix A: Summary of business interactions

Fuji Produce	13011 SE Jennifer St, Suite 206	Carli Creek	Other	Visited business to discuss Carli Creek Project and provided flyer to supervisor. She was very interested in the project and positive about preventing pollution. This is a produce company that must follow strict rules for cleanliness of food, but also lack of odor in the vicinity. Supervisor complained that delivery tractor-trailers often spilled waste in the parking lot. It was reported to the Pro-Logis property manager.
Happy Valley Business Alliance	16000 SE Misty Dr.	Carli Creek	Other	Contacted Kathy Schaub with HVBA to promote PPRC activities in CCSD1. She is very positive about the project. We are working to secure a speaking spot at an upcoming alliance meeting. Also suggested writing an article or blurb about the Carli Creek project in the Happy Valley and Clackamas newspapers, where she works.
HAWE Hydraulik	12990 SE Hwy 212	Carli Creek	Other	Visited business to discuss Carli Creek Project, met operations manager who was interested and positive about it. Said he would post the flyer for staff. This was a pristine parts and warehouse facility.
Kellogg's Snacks	11350 SE Jennifer St.	Carli Creek	Other	Visited business to discuss Carli Creek Project. Discovered they were currently leaving the site and moving operations elsewhere.
KG Investment Properties	11605 SE Jennifer St.	Carli Creek	Property Management	This company manages large properties in the area, including Charlie's Produce, Bob's Red Mill, Kellogg, CHEP, Greatwide Logistic Services, and ToyotaLift. Sent information regarding Carli Creek Project, and offered free tools and assistance for preventing pollution.
KIPOR Power Equipment	13009 SE Jennifer St, Suite 105	Carli Creek	Other	Visited business, gave flyer and described project. The person was interested, but then expressed concern about ongoing polluting activities at this business park: landscape spraying, spray painting, pressure washing, numerous incidents of truck leaks... all going down the storm drains. I emailed the property manager and passed along the concerns.
Okada America	12950 SE Hwy 212, Bldg D	Carli Creek	Other	Very busy office and the office manager had not time to meet. She asked me to call back or make an appointment. Left flyer and business card. Followed up with email and call (left message with staff).
P & A Metal Fab Inc	13009 SE Jennifer St #101	Carli Creek	Other	Visited business to discuss Carli Creek Project and was asked to set up an appointment with the manager, who was not in. Left flyers and a biz card with the receptionist. Followed up with email to the manager.
Pacific Seafood	16797 SE 130th Ave.	Carli Creek	Other	Visited business to discuss Carli Creek Project and P2 BMP's. While on-site, PPRC witnessed and reported potential illicit discharge into the storm water system. Contacted WES staff and provided pictures and description of the incident.

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Pro Logis	13009 SE Jennifer St	Carli Creek	Property Management	Manages Jennifer Distribution Center. Sent information regarding Carli Creek Project, and offered free tools and assistance for preventing pollution. Also forwarded description of activities reported by two businesses: truck washing, oil rainbows, spraying, and paint removal going down drains.
River City Glass	12432 SE Capps Rd	Carli Creek	Other	Visited business to discuss Carli Creek Project and P2 BMP's. Witnessed staff washing vehicle into storm water system. Discussed issue with business owner.
Romanoff Renovations	12700 Se Highway 212 Bldg C	Carli Creek	Other	Visited business to discuss Carli Creek Project and provided flyer. Assistant manager said she would post it in the breakroom.
Stages Northwest, Inc.	16795 SE 130th Ave.	Carli Creek	Other	Visited business to discuss Carli Creek Project and P2 BMP's. Walked the entire site with business owner. Site is not connected to sanitary sewer.
Supera	12330 SE Hwy 212	Carli Creek	Other	Visited business to discuss Carli Creek Project and notify about construction. Warehouse supervisor showed interest in the project. Left flyer and biz card.
Thermo Fluids	13533 SE Carpenter Dr.	Carli Creek	Other	While conducting site visits at nearby businesses, noticed visible sheen in standing water in stormwater facility. Contacted WES staff with description and photo.
Thunder Elite All-Star Cheerleading Inc.	12900 SE Hwy 212	Carli Creek	Other	Offices were closed both times they were visited. Called and left two voicemails about the Carli Creek Project and notified about the coming construction.
ToyotaLift Northwest	12001 SE Jennifer St.	Carli Creek	Other	Site manager was very interested in the Carli Creek project and knowledgeable about stormwater protection. As a fisherman, he strongly supports designation of a fishermen-only area along the Clackamas. He referred me to the property manager for the unfinished warehouse next door. He said they have a very advanced stormwater collection and filtration system going in, and that "not one drop" of water will leave the property.
Trillium (Western US Service Center)	13011 SE Jennifer St. Suite 204	Carli Creek	Other	Met with office manager and talked about Carli Creek project and upcoming construction, and provided a flyer and biz card. He showed interest in the project. He said they were a major supplier to H-P, and evaluated by H-P for as a clean sourcing company. They have a strong environmental statement on website. He understood and appreciated SW concerns. Says they are compliant on spill containment, prevention.
XPO Logistics - Formerly Con-Way	12250 SE Ford	Carli Creek	Other	Visited business and spoke with the Operations Manager, who was interested in the Carli Creek project and appreciated the forewarning about construction. I gave him several flyers which he said would be given to other managers at a meeting they were holding momentarily.

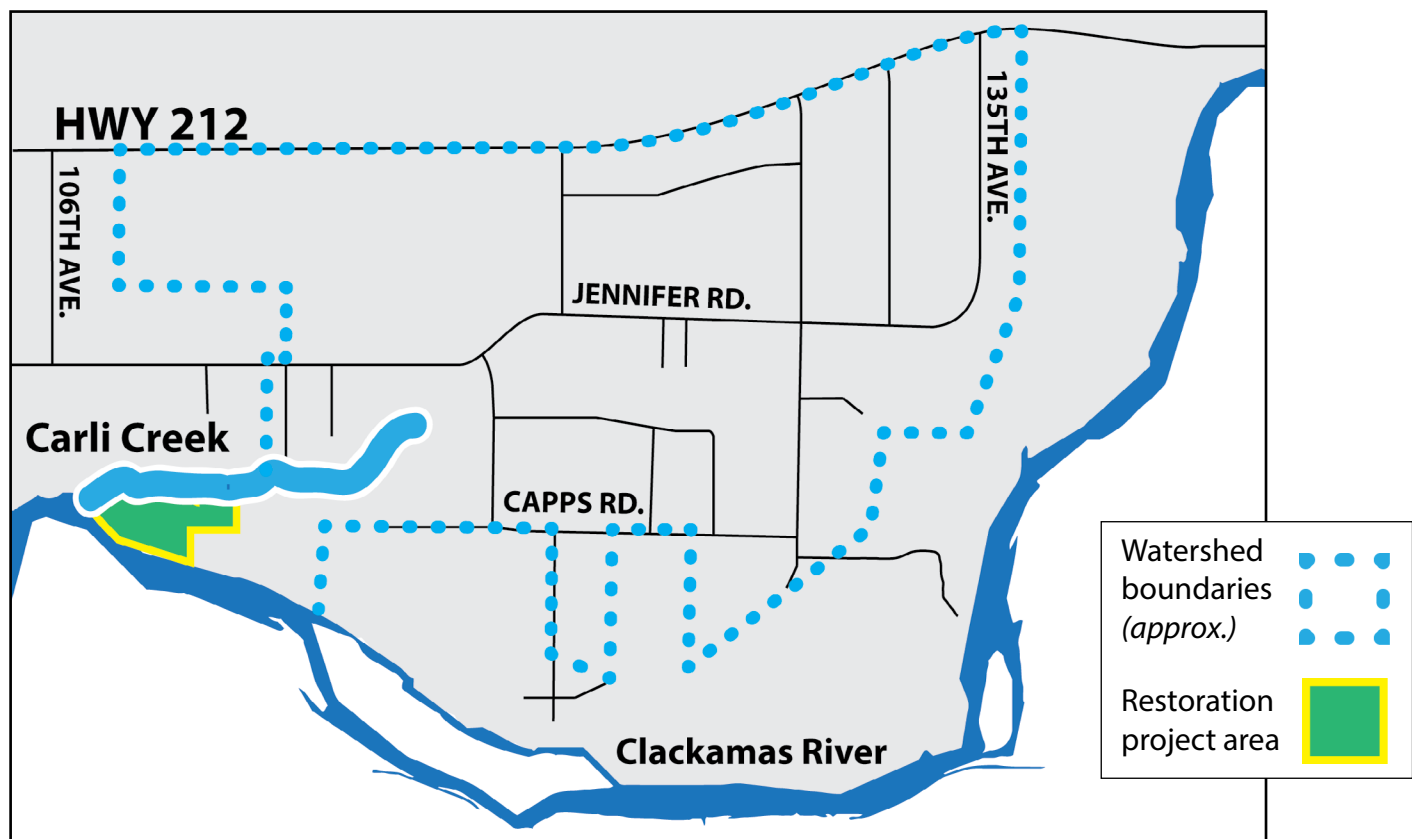
Protect Carli Creek

and the Clackamas River

84% of the Carli Creek watershed is covered with roads, buildings, parking lots and other impervious surfaces.

Carli Creek is a small urban stream running from the industrial area south of Highway 212 to the Clackamas River. Starting in spring/summer 2017, Water Environment Services (WES) on behalf of Clackamas County Service District No. 1 (CCSD#1) will begin construction of a regional stormwater quality treatment facility. The facility will reduce negative impacts of high storm flows, by removing and treating pollutants before they enter the creek. The project will also restore and enhance approximately 3,000 feet of instream habitat for fish and wildlife.

When it rains, industrial stormwater runoff discharges directly into Carli Creek, leading to high levels of pollution, including copper, lead and insecticides.



Help protect our investment

The following page outlines ways businesses and property owners can help protect Carli Creek. **For more information on the Carli Creek project contact Leah Johanson (503) 742-4620 or LJohanson@clackamas.us**



Artistic rendering of the Carli Creek Project

Here are some **TOOLS** and **TIPS** to help your business *protect Carli Creek*. For free technical assistance and equipment, contact Andrew Swanson 503-742-4598 or email Andrews@clackamas.us



SPILL KITS

Place spill kits where liquids are stored or transferred. Train your staff in spill response annually. Contact WES to receive a free spill kit.

SECONDARY CONTAINMENT

When storing hazardous liquids, consider adding secondary containment to reduce the risk of spills. Common equipment includes: spill pallets, double walled tanks, and containment berms.



KEEP WASH WATER OUT OF THE STORM DRAINS

When washing vehicles and equipment, diverting wastewater to the sanitary sewer is the best option. If possible, take vehicles to a car wash, sweep with a broom and avoid hosing down floors and equipment, and dispose of mop water in a sink or toilet.



COVER WASTE & CONTAINERS

Uncovered scrap metal, used tires, garbage cans and dumpsters can be sources of stormwater pollution. Covering or moving these materials inside will reduce stormwater pollution.

REPORT SPILLS

If you become aware of a significant spill or discharge of wastewater into a storm sewer system, contact **Water Environment Services** at **503-742-4567** from 7:30am - 5:30pm Monday through Thursday. After hours, call the county's dispatch center **503-655-8211** (*non-emergency number*) or 911 (*hazard/emergency*), and ask the dispatcher to notify WES.

SMARTER LANDSCAPING

Reduce the use of pesticides; add smart controllers to irrigation systems to reduce water use; remove invasive species by hand or via mechanical means; plant native and drought tolerant plants; hire **EcoBiz Certified Landscapers - ECOBIZ.ORG**



RiverHealth Stewardship Grants provide up to \$30,000 for projects which improve watershed health (example: installing a parking lot swale or rain garden)

Contact Gail Shaloum, WES Environmental Policy Specialist at 503-742-4597, for more information.



Appendix C: EcoBiz Advertisements

All Things Real Estate advertisements



Extraordinary Landscapes
shouldn't be toxic

ECOBIZ
Hire certified landscapers with ecologically sustainable practices
ecobiz.org/landscape

Photo Credit: Landscape East & West

This advertisement features a vibrant landscape with a stone waterfall cascading over rocks, surrounded by colorful flowers and greenery. The EcoBiz logo is prominently displayed in the center, with the tagline 'Hire certified landscapers with ecologically sustainable practices' and the website 'ecobiz.org/landscape' below it. A QR code is located in the bottom right corner.



Beautiful Landscapes
without the chemicals

ECOBIZ
Hire certified landscapers with ecologically sustainable practices
ecobiz.org/landscape

Photo Credit: Willamette Landscape Services

This advertisement shows a lush garden with a path leading through various plants and flowers. The EcoBiz logo is centered, with the tagline 'Hire certified landscapers with ecologically sustainable practices' and the website 'ecobiz.org/landscape' below it. A QR code is in the bottom right corner.

Citizen News Advertisement



Water Environment Services recognizes
Bartlett Tree Experts, Landscape East & West,
and Sense of Place Permaculture for gaining

ECOBIZ
Landscape Certification

Please consider hiring businesses who
protect public health and the environment.
For a complete list of Oregon eco-businesses,
or to apply for certification, visit ecobiz.org

WATER ENVIRONMENT SERVICES

Photo credit: Landscape East & West

This advertisement is a white rectangular graphic with a curved bottom. It features the EcoBiz logo and the text 'Landscape Certification'. Above the logo, it says 'Water Environment Services recognizes Bartlett Tree Experts, Landscape East & West, and Sense of Place Permaculture for gaining'. Below the logo, it encourages hiring businesses that protect public health and the environment, and provides the website 'ecobiz.org' for more information. The Water Environment Services logo is in the bottom left corner, and a photo credit is at the bottom.



Memorandum

To: Clean Water Services
CC: Pollution Prevention Outreach Team
From: Mitch Frister, Pacific Northwest Pollution Prevention Resource Center
Date: April 13, 2016
Re: Including EcoBiz Certification in Contract Specifications

Background

The Eco-Logical Business certification (EcoBiz) was established to recognize businesses and public agencies in Oregon that go above-and-beyond legal requirements and industry best practices to protect the environment. Certification is free, and available to commercial landscapers, auto repair facilities and body shops, car washes, and public agencies.

The Pollution Prevention Outreach Team (P2O), whose members represent Oregon DEQ; Clean Water Services, Washington County; Clackamas County Water Environment Services; Clackamas River Water Providers; and the City of Portland Bureau of Environmental Services; administers EcoBiz in the Portland Metro Region. Pacific Northwest Pollution Prevention Resource Center (PPRC) provides outreach and technical assistance to program applicants.

Program Standards

To gain EcoBiz certification, businesses must meet program and legal requirements developed by government and industry partners. Standards evolve over time to include current best management practices. All EcoBiz certified businesses meet legal requirements, protect stormwater, reduce toxic chemicals, properly store waste and products, train employees in spill response, and follow local requirements for washing vehicles and equipment. Landscapers adopt the principles of Integrated Pest Management, reduce pesticide use, save water, and promote environmentally friendly practices to their customers. Final certification includes inspection by the local government partners and the Oregon DEQ. Certified businesses and agencies are listed on the program website (ecobiz.org), included in promotional advertisements, and may use the EcoBiz logo and name in their own promotions.

Expanding Support for EcoBiz

PPRC encourages public agencies to include EcoBiz Certification in contract specifications. Requiring certification can help to ensure that businesses receiving public contracts:

- Exceed industry standards and best management practices;
- Take steps to protect their employees, customers and the environment;
- Reduce the use of toxic chemicals;
- Safely store and handle hazardous materials; and
- Protect stormwater.

Precedents

To date, two public agencies, Eugene Water & Electric Board and City of Gresham, have included EcoBiz Certification in contract specifications.

*City of Gresham - Vegetated Stormwater Facilities Maintenance Project:
"Contractor must be willing to undergo EcoBiz Landscaper Certification Audit for best management practices recommendations, or already be EcoBiz certified. More information can be found at EcoBiz.org."*

*EWEB - Purchase, Installation, and Repair of Fleet Truck Bodies, Components, and Accessories:
"Have the product(s) that you are bidding/proposing been certified by a third-party organization, such as Green Seal, [ECOBIZ], or ENERGY STAR. If yes, detail which ones and the relevant third party certification?"*

Compliance with Oregon QRF Program

The State of Oregon Department of Administrative Services maintains a list of Qualified Rehabilitation Facilities, and a list of goods and services determined suitable for procurement by state and local governments, school districts and other taxpayer-supported agencies. One of the services included in this program is "Grounds Maintenance," a service included in EcoBiz Landscape Certification.

When procuring a service, public agencies describe the "appropriate specifications" needed to complete the service requested. After contacting DAS staff, and reviewing the state laws regarding public contracting, PPRC believes it is reasonable for public agencies to include EcoBiz Certification as a contract specification:

"ORS 279.850 Procurement of product or service - agreements for procurement
(1) If any public agency intends to procure any product or service on the procurement list, that public agency shall, in accordance with rules of the Oregon Department of Administrative Services, procure such product or service, at the price established by the department, from a qualified nonprofit agency for individuals with disabilities, provided the product or service is of the **appropriate specifications** and is available within the period required by that public agency."

Please contact me directly if you have any additional questions.
Best regards,



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