



Northwest Environmental Business Council E-News

From the Executive Director

Where's the (concern about) water? At the recent Washington Governor's Economic Development conference, one of the most sparsely attended breakout sessions was on water, or more particularly, how to meet increasing demands in the face of shrinking supplies. This was not a unique experience. I have observed that water supply remains "the issue of the future" and has not yet captured public attention, at least certainly not as much as the supply of oil. Yet fresh water is the resource that underpins all others. West of the Cascades, we may not need to worry about water supply as soon as in other areas. But we *should* be concerned about the water that grows our food east of the mountains (and that keeps the southwestern U.S. populations from migrating north in a massive wave).

Meanwhile, a focus on ecosystems and species protection has heightened competition for the resource – giving rights to the streams and marshes themselves against the needs of agriculture, industry, and to a modest extent, households. Like with many other areas of planning, new approaches are required that can balance competing needs and interests. As Roger Flint of CH2M HILL explains, a starting point is to assign an appropriate monetary value to this "free" resource, extending the value to include the water-dependent natural resources it supports. Then we need to take an integrated watershed approach that considers the various dimensions of supply (groundwater, surface water, reclaimed water, etc.), usage (whether for people, fish, or stream health), and how it is used (efficiency and conservation).

But, with the current rate of climate change, the old maxim (and engineering approach) of predicting the future from the past has been figuratively washed away. Prediction has become conjecture. With the unprecedented level of uncertainty and predicted variability, we need something more: flexibility. We can't just recalibrate the old models that made fixed assumptions about supply and then gave out fixed withdrawal rights. We need management models that can flex with changing conditions. Open markets do this well, and many suggest applying market models to ecosystems and watersheds – with the important proviso that the ecosystem services, such as clean water, be appropriately valued at the start.

Still, before we can begin the process of designing flexible resource management approaches, we need another resource: political and interest flexibility – on the part of water users, politicians, regulators, and the multiple interest and advocacy groups that surround the issue. And that is a resource that is in short supply.

Robert Grott

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October 3rd Brownfields Award Nomination Deadline Fast Approaching!

Nominations are now being accepted for the November 5th "2008 Oregon Brownfields Workshop and Awards Luncheon". The Oregon Brownfields Awards ceremony will recognize individuals and organizations that deserve special merit for transforming brownfields into new and innovative uses in Oregon. Nomination forms available online at www.econ.oregon.gov or by calling Karen Homolac at (503) 986-0191.

NEBC Conferences, Meetings & Trade Shows

September 11. Cascade Summer Mixer. Portland. Take some time out of your hectic schedule to relax with NEBC members, colleagues, and guests for this fun annual event. Check out the views from high atop the ODS building (thanks to our hosts Lane Powell) as you sip a glass of your favorite beer or wine and enjoy light hors d'oeuvres from Premier Catering. This event is a great opportunity to gather with colleagues and network with potential new partners. Registration for NEBC members is \$35.00 and non members \$45.00 (includes hors d'oeuvres and two drinks tickets).

October 1. Luncheon – Market Tools for Ecosystem Protection. Seattle. Traditional regulatory and permitting models fall short when it comes to the challenges of protecting complex, multidimensional ecosystems. At the same time, new ways of funding environmental protection and recovery are urgently needed. One solution is to assign a monetary value to the natural ecosystem benefits that are typically taken for granted. Then market mechanisms such as banking, trading, and market exchanges can funnel money into protecting them. Speakers, Kevin Halsey of Parametrix and Kemper McMaster of Wildlands, Inc. will discuss both the larger concepts and on-the-ground projects.

October 9. Luncheon – Carbon Footprinting: How and Why. Portland. Under the umbrella of the Western Climate Initiative, individual states are moving towards Greenhouse Gas regulation – beginning with emissions reporting. At the same time, there is a growing number of companies voluntarily calculating their carbon footprints and taking action to reduce them. Speakers, Brad Ouderkirk of Ecos Consulting and Joshua Skov of Good Company will discuss exactly how companies of all types - including NEBC members and their clients - can go about performing a carbon footprint analysis, and how voluntary action may dovetail with future regulatory mechanisms.

October 21 & 22. Brownfields & Land Revitalization Conference and Trade Show. Tacoma, WA. **Great booths are still available.** Presented by Washington Department of Ecology's Toxic Cleanup Program, Northwest Environmental Business Council and National Brownfields Association, the Brownfields Conference provides a preeminent technical program with the most up-to-date policy information for environmental professionals. The Trade Show will give companies a platform for offering advanced brownfields, land redevelopment and environmental technologies and services. Exhibiting at Brownfields is an opportunity to interact with decision makers in a highly competitive and sometimes hard-to-reach industry, reaching attendees with purchasing authority. Download the application and floor plan www.nebc.org or Contact Sue@nebc.org for more information.

November 5. Luncheon – Greenhouse Gas & Environmental Permitting. Seattle. The SEPA Implementation Working Group (IWG) of the 2008 Washington Climate Action Team was assigned the task of integrating consideration of climate change into the State Environmental Policy Act (SEPA). The recommendations include changes to SEPA rules, guidance, and/or environmental review documents to provide clarity and predictability to both project proponents and administering agencies. Meanwhile, King County has taken its own initiatives to incorporate climate change into planning decisions. The co-chairs of the IWG, Jim Lopez of King County and Dick Settle of Foster Pepper, will be presenting the Working Group's recommendations, along with King County's approach.

December 8 & 9. Northwest Environmental Conference & Trade Show. Portland, OR. Applications are being accepted for the 2008 NWECC Trade Show. Space is limited and booths are selling fast! NWECC is one of the largest most comprehensive environmental conferences in the Pacific Northwest. Don't wait too long and miss out on this opportunity. Attendance is expected to exceed 450! Get your company noticed! Download an application today http://www.nebc.org/Documents/2008_NWECC_Application.pdf.

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Kennedy/Jenks Consultants Hires New Senior Project Manager. Seattle. Kennedy/Jenks Consultants announces that William C. McCarthy, P.E., has joined the Seattle office as a senior project manager. McCarthy has 29 years of wastewater and water experience, with demonstrated skill and success in complex project planning and execution. He has expertise in invasive retrofit design and construction of wastewater treatment plants, design of pumping stations, water distribution systems, and Greenfield designs of reclaimed water system membrane bioreactors (MBRs) for municipalities. Most of McCarthy's career has been spent as a consulting engineer with a large national engineering firm. Notable recent projects include the Pre-design and Design of the Lighthouse Point Water Reclamation Facility in Blaine, Washington, the King County Class-A Biosolids Work plan, and several projects to upgrade the Chambers Creek Wastewater Treatment Plant for Pierce County.

Nominations are now being accepted for the November 5th "2008 Oregon Brownfields Workshop and Awards Luncheon". The Oregon Brownfields Awards recognize individuals and groups who worked together to solve the critical environmental challenge of transforming brownfields sites into productive reuses. The awards honor individuals and groups who have implemented innovative, yet practical, cleanup projects that stimulated economic development through job creation or retention, addressed a critical community development need and/or resulted in significant protection of human health and the environment. The awards showcase these successes and publicize them as models for other communities around the state. Deadline for nominations is October 3, 2008. Nomination forms are available online at www.econ.oregon.gov or by calling Karen Homolac at (503) 986-0191.

The Puget Sound Business Journal is gathering information for the **list of the Top 25 Environmental Services Firms in the Puget Sound-area**. This list will be published November 7th, 2008 as well as in the annual Book of Lists. As always, this is an editorial product and is FREE of charge. Only firms that have revenues of 50% or more from providing just environmental consulting/construction/engineering and remediation services will be considered for this list. Please submit your information no later than Friday, September 12th. Please submit your information online! Go to http://www.bizjournals.com/seattle/bol_survey/ and follow the instructions.

September 11. EPA 2009 Brownfields Grant program guidelines. Portland. The EPA Region 10 Brownfields Team will host a meeting to explain the 2009 Brownfields grant program and discuss significant revisions to the guidelines for the 2009 Assessment, Revolving Loan Fund, Cleanup (ARC) Grant Program. The Brownfields Team will answer questions and offer strategies for creating competitive proposals. Calls are open to all potential grant applicants in Region 10. For more information or to reserve a spot for this in-person meeting, please contact Mike Slater of EPA's Oregon Operations Office, at (503) 326-5872.

September 16. Gracious & Ruthless, Environmentally Conscious & Profitable: Business Paradoxes Resolved. Portland. What does it take to build a small business into a nationally recognized brand while maintaining a commitment to sustainability? How does a small business use precious financial and personnel resources to support that commitment and how can it be maintained during significant growth? Join us as Susan Sokol Blosser explains how Sokol Blosser Winery came to embrace sustainability, how they've used The Natural Step Framework and various tools in supporting their efforts and how today, in a highly competitive international market, they continue to innovate and benefit from 37 years of dedication to the triple bottom line. For further information contact the Network at (503) 241-1140 or events@ortns.org.

September 16-18. Backpack Electrofishing and Fish Handling Techniques. Effective Methods for Maximizing Fish Capture and Survival. Seattle. Electrofishing is an effective way to sample freshwater fish populations. However, electrofishing may cause fish injury or mortality. The proper balance between efficient

sampling and minimal adverse effects to fish is achieved through use of proper field techniques and understanding the principles of electricity. This course is intended to meet the National Marine Fisheries Service (NMFS) training requirements for electrofishing field staff. Register online at www.nwetc.org or call Northwest Environmental Training Center at 206-762-1976.

September 25 - 26. Ocean Renewable Energy Conference. Coos Bay, OR. Hosted by the Oregon Wave Energy Trust, this third annual conference will present all aspects of project development from early stage community engagement to final deployment and energy generation. Join community leaders, developers, utilities, state and federal regulators working to create a national model for ocean energy development. More Information – www.oregonwave.org

September 26. Wisdom Based Decision Making. Portland. Bring your lunch and join us for a free, 1st in a series of engaging dialogues, facilitated by LionHeart Consulting, providing practical tools and insights into the real leadership that is required to implement sustainability. While it is ideal to attend the entire series, each session will be interesting and informative as a stand alone experience. Registration and further information is available at www.ortns.org.

October 1. GoGreen '08. Portland. This is an all-day educational conference that will inspire, motivate and educate aspiring and established business owners to "go green". Spend a value-packed day connecting with eco-visionaries, experts and like-minded individuals who will provide you with the knowledge and tools you need to make your business more sustainable or to take your green business to the next level. The Keynote by Portland's Mayor-Elect Sam Adams and sessions with multitudes of experts will ensure a solid action plan for you to implement your business to move forward. NEBC members save \$25 on full day admission. Use Special Discount Code: NEBC. To check out conference topics, speaker line-up and to purchase tickets online, visit www.gogreenpdx.com.

October 2-3. Pacific Salmonid Spawning Habitat Restoration. Portland. Designed for practitioners and agency personnel involved with field data collection, detailed design and/or review of river restoration projects, this course provides general training in design, implementation and monitoring of in-stream habitat improvement projects in regulated streams and rivers, with an emphasis on the issues surrounding Pacific salmonid spawning. Register online at www.nwetc.org or call Northwest Environmental Training Center at 206-762-1976.

October 16-17. Underground Storage Tank Inspection Training. Seattle. This entry level two-day course is an excellent primer for new UST inspectors or anyone who needs a comprehensive overview of the requirements for UST systems. Get simple explanations on complex rules from top experts in the field, plus get practical advice on real-world site conditions to ensure you are better prepared for the nuances of compliance inspections. The team of instructors is highly qualified with decades of collective tank inspection experience and experience leading numerous UST inspection courses. Register online at www.nwetc.org or call Northwest Environmental Training Center at 206-762-1976.

Want More Visibility? Sponsor an NEBC Event!

October 1. Market Tools for Ecosystem Protection. Luncheon. Seattle.

October 9. Carbon Footprinting: How & Why. Luncheon. Portland.

October 21 & 22. Brownfield Conference Reception! Tacoma.

Contact NEBC to learn about sponsorship opportunities – Sue@nebc.org or 503-227-6361.

October 21 & 22 Brownfields & Land Revitalization Conference 2008. Tacoma. The Washington Department of Ecology's Toxics Cleanup Program invites you to participate in the State's first-ever Brownfields Conference. Network and exchange ideas with Ecology's top cleanup leaders, national academic experts, development professionals, and local government representatives as we explore how cleanup can foster economic vitality and sustainable land-use planning. Registration is now open and the conference agenda is posted at <http://capps.wsu.edu/brownfields/default.asp>.

October 27-28, Renewable Energy Finance Forum-West (REFF-West). Seattle. Presented by the American Council On Renewable Energy (ACORE) and Euro money Energy Events, this is a national conference addressing regional renewable energy issues for financiers, investors and renewable energy project developers wanting to network, strike deals and drive the industry forward. Industry leaders from around the country will present on a variety of topics, including venture capital, financing in a credit-constrained economy, emerging technologies, green building, energy efficiency, smart grid and transmission, government policies, and carbon

finance. REFF-West will build on the highly successful REFF-Wall Street event. For more information go to: www.reffwest.com

Employment Opportunities

Staff Hydrogeologist 2. CH2M HILL's growing Portland, OR office is seeking a Hydrogeologist for assistance with environmental cleanup projects for industrial clients. The Hydrogeologist will be involved with site investigations (monitoring well installation, design and construction, soil and groundwater sampling, etc.); CERCLA/RCRA process; remedial investigations; groundwater remediation methods; and technical writing. Position is expected to contribute to client relationships, business development and repeat business opportunities. Position requires a BS degree in Geology or Hydrogeology, with an MS in Hydrogeology being preferred, and 2-5 years of previous experience, preferably in the consulting industry. Candidate must have experience in the use of Microsoft E-mail, Excel and Word; ability to do field work; ability to travel at least 25 percent of the time; have strong technical writing and oral communication skills; and possess the ability to work in a team environment and provide some technical guidance. Please apply to requisition #26943BR on the CH2M HILL website at www.careers.ch2mhill.com. When submitting your resume, please reference Source Code INTNEBC.

Associate Hydrogeologist. CH2M HILL's West Region/Environmental Services is looking for a dynamic person to join the firm as a mid level Associate Hydrogeologist in our Portland, OR office. This position will be involved with site investigations (monitoring well installation design and construction, hydrogeologic data collection and interpretation, soil and groundwater sampling, etc.); CERCLA/RCRA process; remedial investigations; groundwater remediation methods; and technical writing. Tasks will include a mixture of field work and office responsibilities and be primarily for Industrial clients. Key Duties: Manage large, complex tasks and small projects, Provide support to industrial and federal clients to meet project goals and objectives, Assist in the preparation of technical reports to clients, state agencies or other stakeholders, including evaluating data, performing flow calculations, writing sections of the report, and preparing geological maps, figures, and cross sections. Lead or assist in field investigations (i.e., drilling, sampling and routine testing) or observation of field activities. Participate and support safety "incident free" operations in the office and in the field; conduct field work using H&S tools and meet H&S requirements. Oversee subcontractors in the field or in the office. Interact with the client, staff, and regulatory agencies. Complete tasks within schedule and budget, Provide routine communication, both written and verbal, to appropriate staff on the status of project tasks. Obtain and/or maintain professional certification as appropriate, and participate in development of professional publications and conference papers. Provide support in writing proposals and other business development activities. Basic Qualifications - B.S. degree in Geology or Hydrogeology. A minimum of 4 years progressive experience with environmental site management projects. Requires general knowledge of federal and local environmental regulations. Ability to complete 40-hour HAZWOPER training. Please apply to requisition #26942BR on the CH2M HILL website at www.careers.ch2mhill.com. When submitting your resume, please reference Source Code INTNEBC.

Natural Resource Specialist 2. Oregon Department of Environmental Quality's Laboratory and Environmental Assessment Division is recruiting to fill a full-time 9-month (June 30, 2009) limited duration position to plan and conduct water quality and biological monitoring projects. Position would be located in Hillsboro, OR. Pay range is \$2,992 - \$4356 monthly. The application process closes September 19, 2008. Announcement number: LE080361. For more information: <http://www.deq.state.or.us/msd/hr/jobs.asp>.

Student Internship Matching Service. The Business Education Compact (BEC) provides companies with access to student interns from high school to doctoral candidate levels. The year-round program makes internship easy, with a turnkey service that includes screening and recruiting strong candidates that fit your job requirements, interview scheduling, orientation, payroll, as well as management support throughout the internship. BEC is a nonprofit serving Oregon and SW Washington, connecting the classroom and workplace for the past 24 years. Contact Mark Read at the BEC: mread@becpdx.org; 503.646.0242 x37.

Member Discounts

Associated Technologies Council. NEBC has partnered with the Associated Technologies Council (ATC) in order to allow you to participate in their employee benefits program. ATC provides employee benefits to companies in Computer Technology, Bioscience, Telecommunications and now Environmental Sciences. Because ATC is able to pool firms together across a wide spectrum of desirable industries, they are able to provide medical benefits up to 20% below what you are probably paying now. In addition, there are benefits available like, paperless enrollment, single invoice billing and COBRA administration all provided at no cost to you. Contact Tino Versoza, NEBC Benefits Representative (503) 626-9135 or email: tino@get-benefits.com for a free no obligation benefits analysis.

Environmental Expert. NEBC has teamed with Environmental Expert, the world's largest online marketplace and information resource serving the environmental industry. At a reduced rate of just \$1,700, NEBC members can become Bronze Sponsors and get a year's worth of cost-effective exposure to a targeted audience of over 400,000 environmental professionals. Additional levels of sponsorship and optional advertising opportunities are also available. www.environmental-expert.com For more information contact Tracy Barton, tracy@combined-resources.com.

Financial Planning Services with Waddell & Reed. NEBC members receive at 20% discount on financial planning services provided by Waddell & Reed, a national financial planning firm founded in 1937. Planning services include retirement planning, wealth management, tax-efficient investing, education funding, estate protection, and succession planning for closely-held businesses. Other business services include retirement plans and financial education workshops. Contact Karen Einberger, Financial Advisor, Waddell & Reed, 206.283.6661 or keinberger@wradvisors.com.

Northwest Environmental Training Center. NEBC has partnered with NWETC to offer our member companies an exceptional opportunity to provide continuing education to its employees at a 20% discount off the published rate on all of NWETC's technical training workshops, conferences, and seminars. For more information, visit their website <http://www.nwetc.org/> or contact Erick McWayne at 206-762-1976.

Oregon Insider. NEBC members may take advantage of a \$150 introductory rate for the first year (24 issues), a savings of \$95 off their regular base rate. In addition, NEBC members will enjoy an ongoing subscription rate of \$195 per year, which represents an ongoing savings of \$50 per year. To redeem your discount please contact Oregon Insider by calling David Light at 541.343.8504 or by email at epi@rio.com.

Student Internship Matching Service. The Business Education Compact (BEC) provides companies with access to student interns from high school to doctoral candidate levels. The year-round program makes internship easy, with a turnkey service that includes screening and recruiting strong candidates that fit your job requirements, interview scheduling, orientation, payroll, as well as management support throughout the internship. BEC is a nonprofit serving Oregon and SW Washington, connecting the classroom and workplace for the past 24 years. Contact Mark Read at the BEC: mread@becpdx.org; 503.646.0242 x37.

Sustainable Industries (SI). The premier magazine for sustainable business news on the West Coast. The NEBC member discount for the Sustainable Industries is better than imagined – it's still a \$10 discount, but the new annual subscription rate is only \$39 that means that NEBC members can receive this new publication for only \$29/year! For more information look to: <http://www.sustainableindustries.com/>

NEBC Contact Information

www.nebc.org

620 SW 5th Ave., Suite 1008

Portland, OR 97204

503-227-6361

800-985-6322

Executive Director
Robert Grott
robert@nebc.org

Program Manager
Sue Moir
sue@neb.org

Office Manager
Linda Sheeley
linda@nebc.org

Regional Manager
Lauren Stolzman
lauren@nebc.org

NEBC Events Calendar

2008			
September			
11	Cascade Chapter Summer Mixer	5:00 PM – 7:00 PM	Lane Powell – Portland, OR
October			
1	Olympic Chapter Luncheon – Topic: Market Tools for Ecosystem Protection	10:00 AM – 11:30 PM	McCormick & Schmick's Harborside – Seattle, WA.
9	Cascade Chapter Committee Meeting	9:30 AM – 11:00 AM	Governor Hotel – Portland
9	Cascade Chapter Luncheon – Topic: Carbon Footprinting: How & Why	11:30 AM – 1:00 PM	Governor Hotel – Portland
21 & 22	Brownfields & Land Revitalization Conference & Trade Show	All Day	Greater Tacoma Convention & Trade Center
November			
5	Olympic Chapter Committee Meeting	10:00 AM – 11:30 PM	McCormick & Schmick's Harborside – Seattle, WA
5	Olympic Chapter Luncheon – Topic: Greenhouse Gas & Environmental Permitting	11:30 AM – 1:00 PM	McCormick & Schmick's Harborside – Seattle, WA
13	Cascade Chapter Luncheon – Topic: TBD	11:30 AM – 1:00 PM	Governor Hotel – Portland, OR
December			
8 & 9	Northwest Environmental Conference & Trade Show	All Day	Red Lion Hotel on the River – Portland, OR
10	Hazwoper Training	8:00 AM – 5:00 PM	Red Lion Hotel on the River – Portland, OR
2009			
March			
3	Stormwater Conference & Trade Show	All Day	Hotel Murano Pavilion – Tacoma, WA
April			
16	Making Renewable Energy Projects Happen Conference & Trade Show	All Day	DoubleTree Hotel, Lloyd Center – Portland, OR
June			
18	Ecosystem Markets Conference & Trade Show	All Day	DoubleTree Hotel, Lloyd Center – Portland, OR
July			
8	Cascade Golf Tournament	1:45 PM Shotgun Start	Langdon Farms Golf Course
September			
24	Climate Change Conference & Trade Show	All Day	DoubleTree Hotel, Lloyd Center – Portland, OR