



## - FROM THE DIRECTOR -

Happy Halloween! What a great month! Football, leaves turning, and finally the end of the baseball season, it's all good.

Later this month Portland will play host to the EPA's National Brownfields Conference. Over 4,000 attendees are expected for this annual event from all over the country and this is the first time for it to be held in the Pacific Northwest. It is a free event and if you have not yet registered I encourage you to do so <http://www.brownfields2003.org>. You can also take a look at the current agenda and other comings and goings for this event.

The NEBC Board of Directors is soliciting nominations for its Olympic Chapter (Puget Sound region) subcommittee. Much as we just did for the Cascade Chapter, this is a self-nominating process. Attached below you will find an interest form to fill out. If you are interested in serving on this sub-committee of the board I encourage you to fill it out. The chapter committees have two primary functions. The first is to set and oversee the government affairs agenda for the chapter. The second is to provide input on the content of the various events NEBC organizes for the chapter. It's a great way to get to know other members and to give something back to the industry. If I can answer any questions about this committee service please contact me.

Now, what are you going to be for Halloween?

*David W. Welsh*

## RENEWING SPONSORING MEMBERS

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## RENEWING MEMBERS

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## - SPONSOR HIGHLIGHT -

### LANE POWELL SPEARS LUBERSKY LLP

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Lane Powell Spears Lubersky LLP's environmental attorneys represent industrial corporations, major oil companies, property developers, engineering and consulting firms, financial institutions and insurance companies in environmental litigation and business negotiations. Lane Powell Spears Lubersky LLP, *Your Pacific Northwest Law Firm™*, has offices in Seattle, Washington; Portland, Oregon; Anchorage, Alaska; Olympia, Washington; Vancouver, Washington; and London England. Founded in 1875, the firm has approximately 180 attorneys handling matters for clients locally, nationwide and internationally. To learn more about Lane Powell, visit our website at [www.lanepowell.com](http://www.lanepowell.com).

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## **- GOVERNMENT AFFAIRS -**

### **OLYMPIC CHAPTER LEGISLATIVE PREVIEW LUNCHEON**

The Olympic Chapter Committee invites you to NEBC's annual Legislative Preview Luncheon on Wednesday, November 5, 2003. Each year NEBC conducts a forum to inform members about the legislative and government affairs landscape affecting our industry. Again this year we will be soliciting feedback from you regarding governmental affairs and policy issues. The priorities that result from this meeting will guide the Olympic Chapter committee for the upcoming year. Event registration flyer is listed under events.

## **- INDUSTRY/ASSOCIATION NEWS -**

### **NEBC PARTICIPATION IN DEQ LABORATORY REVIEW WORKSHOP**

The Oregon Department of Environmental Quality (DEQ) has convened a Laboratory Review Workgroup to evaluate the laboratory's functions and space requirements associated with the search for an appropriate location to house the DEQ and Public Health Laboratories (PHL). NEBC has been selected as a member of the workgroup. The first meeting was held on September 24, 2003 and focused on the objectives of the workgroup and its working structure. The goal of the workgroup is to review the laboratory functions and to make recommendations to the Director of the DEQ. Due to a limited number of meetings to accomplish the objectives, a significant amount of effort will not be made to reach consensus on each subject. Both majority, and minority opinions will be presented in the report to the Director. The first meeting included an overview of historical and current laboratory activities. It was stressed that the DEQ laboratory operations will need to move from its current location and that it can not expand above its current budget. The discussion identified roles, responsibilities, and relationships of the laboratory. The second meeting will be held on October 27th. If there are any issues or comments that NEBC members would like addressed, please feel free to contact Stephen Lawn, the NEBC representative on the workgroup, at [s.lawn@att.net](mailto:s.lawn@att.net).

Taku Fuji, Hart Crowser, continues to serve on the DEQ's Sediment Evaluation Guidance Technical Advisory Panel. As there has not been a meeting in September, he will provide an update next month.

### **BROWNFIELDS GRANT AVAILABLE FOR EPA PROPOSALS DUE**

EPA is now accepting proposals for Brownfields Assessment, direct Cleanup, Cleanup Revolving Loan Fund, and Job Training Grants to be funded in the Summer of 2004. The final Grant Proposal Guidelines are now available in PDF and HTML formats at <http://www.epa.gov/brownfields/applicat.htm#pg> Job Training Proposals must be postmarked by December 1, 2003; Assessment, Cleanup and RLF Proposals must be postmarked by December 4, 2003. These grants are VERY competitive. Proposals must address the proposal guidelines and conform to the page limits; excess pages will not be reviewed. Prior to submission you MUST notify the affected community of the preparation of your PROPOSAL(s) and give the community an opportunity to COMMENT ON THE GRANT PROPOSAL(s). Past community involvement in your project is commendable but not sufficient for your proposal to be considered. For more info go to the websites above, call 1-800-424-4EPA and ask for the Brownfields Team, or contact one of the following EPA Region 10 Brownfields Team members directly: Portland - Mike Slater (503) 326-5872, [slater.mike@epa.gov](mailto:slater.mike@epa.gov) Seattle - Susan Morales (206) 553-7299, [morales.susan@epa.gov](mailto:morales.susan@epa.gov) or Roopa Karia (206) 553-6316, [karia.roopa@epa.gov](mailto:karia.roopa@epa.gov) or Tim Brincefield (206) 553-2100, [brincefield.timothy@epa.gov](mailto:brincefield.timothy@epa.gov)

## THE ANATOMY OF A REAL ESTATE DEVELOPMENT: WHAT GOVERNMENT REGULATORS NEED TO KNOW ABOUT REAL ESTATE DEVELOPMENT

A great training opportunity is a comin' to Seattle. On November 12 & 13, EPA Region 10 will host "The Anatomy of a Real Estate Development: What Government Regulators Need to Know About Real Estate Development" A must training for those folks who want to get their site(s) reused! You'll learn about basic real estate principles, the redevelopment process, how to work effectively with real estate developers, and how EPA programs and environmental issues impact the private real estate development process. The training will take place at the Washington Athletic Club (WAC) in downtown Seattle. Class size is limited to 40 participants so please register early! For out-of-town guests, a block of rooms has been reserved for \$143 per night (government rate) plus 15.6% state and local taxes. The cutoff date for reservations at this rate is October 21. For more information please contact Susan Morales, Brownfields Program - EPA Region 10, at (206) 553-7299 fax. (206) 553-0124 or by email at email: [morales.susan@epa.gov](mailto:morales.susan@epa.gov)

## BROWNFIELDS 2003: GROWING A GREENER AMERICA

**Registration is Free!!** The 2003 National Brownfields Conference will take place October 27 – 29, 2003 at the Oregon Convention Center, Portland, Oregon. Come join us for what promises to be the best brownfields conference yet. Brownfields 2003 builds upon past successes and will offer up-to-date and stimulating information for all brownfields practitioners. Every stakeholder involved with brownfields redevelopment – bankers, planners, developers, government officials and community representatives to name a few – should plan to attend this conference. Brownfields 2003 will offer participants a variety of interactive sessions formats, the popular Marketplace of ideas roundtable sessions, poster presentations, an extensive Exhibit Hall, informative plenary sessions, the esteemed Phoenix Awards, tours of Portland area brownfields site, receptions and exceptional networking opportunities for brownfields stakeholders. Visit the website and be sure to sign up for the e-newsletter to get regular, up-to-the-minute information as the conference takes shape. To register, please visit [www.brownfields2003.org](http://www.brownfields2003.org). Registration is Free!!

## PORTLAND MAYOR TO HOST NATIONAL BROWNFIELDS CONFERENCE RECEPTION

NEBC is working with Portland Mayor Vera Katz's office to host the Mayor's reception at Portland City Hall during the *National Brownfields Conference* in October. Together with our corporate sponsors AMEC Earth & Environmental, Ater Wynne LLP, Ecology and Environment, Inc, and Lane Powel Spears Lubersky LLP. NEBC looks forward to highlighting some of Portland's best brownfields projects and show off downtown. Hors d'oeuvres and a no host bar will be provided. Join Mayor Vera Katz and key elected officials from federal, state and local government at historic Portland City Hall for the Brownfields 2003 Mayor's Reception. Located in the heart of downtown, just a five minute MAX light rail ride from the Oregon Convention Center, the reception will kick off at 5:15 PM with live local music. The reception is free to attendees.

## NORTHWEST ENVIRONMENTAL CONFERENCE

The Northwest Environmental Conference (NWECC) will be November 18 & 19, at the DoubleTree Jantzen Beach Hotel, Portland, Oregon. This two-day conference and tradeshow is dedicated to improving the environmental performance of Northwest business. The steering committee for the conference has completed a great agenda. Please visit the conference website at [www.nwec.org](http://www.nwec.org) to view the most up-to-date schedule. If you are interested in presenting at one of the sessions that is not full, please contact the moderator listed on the website agenda. **TABLE TALKS!** New this year – Come early and chat about hot environmental topics over breakfast on Wednesday, November 19. Brainstorm solutions to environmental issues and share best practices with your peers. Facilitators will lead small-group discussions (no sales pitches) on specific topics that will be assigned to tables in the breakfast area.

## CALL FOR SCIENCE & TECHNOLOGY ARTICLES

NEBC is an advocate for the use of sound science in all policy making. NEBC acts as a regional source of environmental expertise and science for local, state, and federal agencies, policy makers and the public. To that end the NEBC Board of Directors has established a working group to coordinate the collection of issues of interest to membership. The goal is to eventually maintain a collection of sources, including websites, organizations, and/or journals, that could benefit the professional development of NEBC members. The board is currently seeking input from members on which issues are of interest and a list of where individuals are looking for resources related to those topics. Please submit ideas to [cara@nebc.org](mailto:cara@nebc.org) or via fax at 503.222.5050. An example follows as this month's technical highlight. We thank Sean Ragain, GeoEngineers, for forwarding this submission:

### Using Light Detection and Ranging (LiDAR) Technology to Support Water Resource Management in the Lower Klamath Basin, California

**Steven R. Bruce**, R.G., L.Hg., C.W.R.E.; Senior Hydrogeologist; GeoEngineers, Inc. 7504 S.W. Bridgeport Road Portland, Oregon 97224; telephone (503) 624-9274; fax (503) 620-5940; email [sbruce@geoengineers.com](mailto:sbruce@geoengineers.com)

**Richard G. Duncan**, R.G., Associate; GeoEngineers, Inc. 8410 154th Avenue N.E. Redmond, Washington 98052; telephone (425) 861-6000; fax (425) 861-6075; email [rduncan@geoengineers.com](mailto:rduncan@geoengineers.com)

**Gary Blefgen**, P.E.; Project Engineer; U.S. Fish & Wildlife Service, Division of Engineering; 911 N.E. 11th Avenue Portland, Oregon 97232; telephone (503) 231-6142; fax (503) 231-6847; email [gary\\_blefgen@fws.gov](mailto:gary_blefgen@fws.gov)

#### Abstract

In 2001, drought conditions and fish protection requirements under the Endangered Species Act (ESA) sparked a major conflict between water users in the Lower Klamath Basin. This controversy, which became national news, continues today as the federal government, tribes and private interests debate how to resolve competing water demands within the heavily appropriated basin, especially given that drought conditions are likely to prevail again in 2003.

The U.S. Fish and Wildlife Service (FWS) manages the Lower Klamath and Tule Lake National Wildlife Refuges in the southern portion of the Klamath Basin. These Refuges rely on water from the Bureau of Reclamation's Klamath Project to sustain cropland and essential endangered species and waterfowl habitat. In 2002, the FWS awarded a \$1.6 million contract to GeoEngineers, Inc. to evaluate the drainage/distribution systems at the Refuges and identify infrastructure improvements. The improvements are intended to facilitate efficient movement of the water delivered to the Refuges and to enhance water reuse capabilities within the various cropland and wildlife management units. This strategy is expected to benefit all water users in the basin, especially in drier years.

A key element of the project is the development of detailed topographic data for 113,000 acres of the Refuges (including some surrounding area) using Light Detection and Ranging (LiDAR) technology. LiDAR is exceptionally useful for precision topographic mapping and generation of high-quality digital terrain models (DTMs). LiDAR works by emitting laser beams from 10,000 to 50,000 pulses per second, depending on the individual system, and accurately measuring the time for reflections to return to the sensor. Using the constant speed of light, the "ranging" or slant range distance of the reflecting object is computed from the recorded time difference between the light emission and reflection. Because the position and orientation of the sensor are closely tracked throughout the survey, the xyz coordinate of the reflecting surface can be calculated with great accuracy. A major advantage of this technology is that the raw LiDAR data can be processed to remove vegetative cover or structures, leaving a "bald earth" surface.

The topographic information and digital orthophotographs collected during the aerial LiDAR survey will document the current conditions at the refuges and will assist in identifying how water can be moved and reused more efficiently. For example, the LiDAR data can be used to develop close interval topographic contour information for selected areas, assisting in the identification of locations for new water-control structures and the development of detailed grading plans. As an added benefit, the LiDAR data and orthophotographs will be incorporated into the Refuges' Geographic Information System (GIS) database, giving the FWS a powerful tool for managing these Refuges in the long term.

For a complete copy of this article, please contact your NEBC staff at 503.227.6361 or by email at [cara@nebc.org](mailto:cara@nebc.org).

## NEBC MEMBERS RUSH TO NEW BENEFITS

You'll never know if you never ask! Many companies have qualified and are now saving money on their employee benefits while offering comprehensive coverage. The Associated Technologies Council offers benefits to employers in Computer Technologies, Environmental Sciences, Biosciences and Telecommunications. Because these industries are pooling their buying power, they are able to purchase comprehensive plans at a lower rate. Contact Tino Versoza at Get-Benefits today and see if you qualify. No one will bother you with high-pressure sales tactics. You'll just get the information you need in order to make an informed decision. Call (800) 627-5345 today and ask for a free no obligation quote.

## BATTELLE FORMS VENTURE FUND

Battelle, which operates Pacific Northwest National Laboratory, has formed a venture capital fund to bring promising technologies to market. Battelle Ventures was formed to create, fund, and grow companies from technologies that Battelle owns, manages, or influences. The fund, a 12-year partnership with committed funds of \$150 million, will be directed at seed and early-stage technology opportunities. It will be led by Dr. Morton Collins, a nationally recognized venture capitalist. The economic return will be used to help replenish Battelle's science and technology base as well as its charitable contributions in the communities where Battelle operates. Find more information at <http://www.battelle.org/news/03/9-19-03Ventures.stm> Contact Katy Delaney at (614) 424-5544 or <mailto:delaneyk@battelle.org>

## GLOBE 2004 INTERNATIONAL TRADE SHOW & CONFERENCE VANCOUVER, CANADA – MARCH 31 – APRIL 2, 2004

GLOBE 2004 is fast approaching! The 8th edition of this biennial conference and trade show on developing the business of the environment will be held March 31–April 2, 2004 in beautiful Vancouver, Canada. The US Department of Commerce has granted Trade Show certification for the event, which recognizes GLOBE's professional capacity in organizing North America's pre-eminent environmental trade fair. This three-day world marketplace for environmental innovation offers outstanding exhibits, visionary conference sessions and prosperous business opportunities. GLOBE 2002 Exhibitors generated over US \$300 million in deals. Nearly 10,000 participants, including 400 exhibitors and 2000 conference delegates from more than 70 countries makes GLOBE 2004 the largest event of its kind in North America. More than 50 conference sessions will feature world-leading experts in the areas of corporate sustainability, energy & climate change, and building better cities. For more information visit [www.globe2004.com](http://www.globe2004.com), call (800) 274-6097 or email [info@globe2004.com](mailto:info@globe2004.com)

## - MEMBER-TO-MEMBER -

### BERGESON-BOESE & ASSOCIATES ANNOUNCES NEW BUSINESS DEVELOPMENT MANAGER

Bergeson-Boese & Associates is pleased to announce the appointment of David VanCott to the position of Business Development Manager. David has 10 years of professional consulting experience, most recently with BEA Systems in San Jose, CA. His research and environmental science background includes work with the USGS and Northwestern Aquatic Sciences in Newport, OR. David holds a BS in Biology from Lewis and Clark College. Join us in welcoming David to our team! He can be reached at 503-570-9484 x21

### CALL FOR INTEREST

The NEBC Board of Directors is accepting nominations for the Olympic Chapter subcommittee. This subcommittee is one of three chapter sub-committees of the regional board and has two basic functions, 1) to advocate on behalf of the members or the Olympic chapter of NEBC in the area of government affairs and relations and 2) to recommend and develop content for the events held in support of the Olympic chapter. The chapter committee is also the usual source of nominations to the board of directors as those seats become available. The activity of the chapter committees is vital to the health of the organization.

The process outlined by the board is a self-nominating one. Those interested are required to be employees of current NEBC member firms and must submit a Nomination Form (form located under events) no later than Friday October 31, 2003 to the NEBC office.

After October 31, 2003, the NEBC Board will review all the nominations and select at least 7 and not more than 15 individuals to serve rotating two-year terms.

Finally, and most importantly, please be very clear about why you are interested in serving. Each successful candidate will be asked for specific personal goals related to their committee placement. When committee members fulfill their personal goals, the committee, and therefore the organization, succeeds. We look forward to hearing from you.

### EMPLOYMENT OPPORTUNITIES

**Hydrogeologist:** CH2M HILL is the only engineering firm listed in Fortune Magazine's "100 Best Companies To Work For" in 2003! Join the "best", and put your talents to work with our team of professionals in Bellevue, Washington. CH2M HILL has an immediate opening for a full-time, mid-level Hydrogeologist. BS in geology/earth sciences required; MS hydrogeology or related field strongly desired; 3 to 10 years experience in environmental hydrogeology preferred; modeling and GIS a plus but not required. Current responsibilities include leading teams to conduct environmental soil and groundwater investigations; monitoring well installation and development; aquifer testing; data interpretation and reporting. This position offers strong growth potential for the right candidate and future responsibilities may include task and project management, review and implementation of new technologies, development of project strategies, and client development. Qualifications include experience developing and writing work plans, data interpretation and analysis; report writing; experience with various sampling and drilling techniques; experience leading field teams for complex field investigations; and understanding of subsurface fate and transport of contaminant mechanisms. Experience with remediation technology, testing and implementation preferred. Professional WA geologist/hydrogeologist registration and current OSHA 40-hr hazardous waste training preferred. Ideal candidate works independently, has strong written/verbal communications skills and commitment to client service and professional development. Qualified candidates should apply via email to [careers@ch2m.com](mailto:careers@ch2m.com) or visit our web-site at <http://www.ch2m.com>. Please reference job code NP/PC02/4123BR in subject line of your email. CH2M Hill is an Equal Opportunity Employer.

## EMPLOYMENT OPPORTUNITIES Cont.

**Temporary EE4:** Ecology will soon be commencing a hiring process to fill a nine-month temporary EE4 position at the Northwest Regional Office as part of the new multi-agency transportation permitting team (MATPT) initiative. The MATPT effort will be focused on high priority transportation projects that have recently been funded by Washington's new \$0.05/gallon gas tax. Other agencies on the MATPT, in addition to Ecology, include the WA State Department of Fish and Wildlife, the US Army Corps of Engineers, and the WA State Department of Transportation. If you think you might be interested in a temporary EE4 position on the MATPT, please take a moment to read the attached announcement. This is an exciting opportunity to participate in a new, high-profile multi-agency initiative. Thank you for your interest, and look forward to hearing from those of you who are interested! Scott Boettcher 360/407-7564.

**RI/FS Senior Project Manager - Portland:** Employee owned and friendly west coast firm has an immediate need for a technical leader in their Portland environmental group. Qualifications we seek are a minimum of 10 years in the Northwest regulatory and/or consulting in the RI/FS market. Must have extensive experience in marketing and managing technical projects as well as mentor junior environmental staff. Excellent marketing, writing and people skills are essential. This is a very established, successful, busy and high energy firm. If you are looking for a more dynamic and team oriented firm. Contact Judy Stockton, WOLF Environmental Group at [judy@wolfenv.com](mailto:judy@wolfenv.com) or <http://www.wolfenv.com> or 800-668-9653.

**Natural Resources Leader:** International firm based in Portland with a strong reputation for quality projects and work has an exciting opportunity for a seasoned Natural Resources professional with enthusiasm and ideas to develop their already existing and conservatively growing NW natural resources group. Their emphasis is on water and fisheries at the mid a large project level. Excellent potential for individual who knows the Northwest market and is big picture oriented and forward thinking in the needs of their established public and private clients. 70-100K + Contact Judy Stockton, WOLF Environmental Group at [judy@wolfenv.com](mailto:judy@wolfenv.com) or <http://www.wolfenv.com> or 800-668-9653.

**Senior Ports Client Manager - Seattle/Portland:** Environmental and engineering consulting firm with several locations on the west coast is looking to expand their ports and harbors division in the Northwest. If you have several years experience in the site development and redevelopment of harbors, ports and waterfront property, this is a superb ground floor opportunity to let your entrepreneurial juices flow to develop a program with your knowledge and contacts in a very supportive, nurturing and well established employee owned firm. The sky is the limit if you possess the above attributes. Contact Judy Stockton, WOLF Environmental Group at [judy@wolfenv.com](mailto:judy@wolfenv.com) or <http://www.wolfenv.com> or 800-668-9653.

**Biologist/Environmental Scientist:** TerraGraphics Env. Eng. is looking for a full time Biologist/Env. Scientist for our Moscow, ID office with a strong background in wetlands, habitat man., NEPA/SEPA, and Bio Assessment. Work will also include Phase I/II ESA, asbestos, mold, and other sampling support. Strong database, communication skills, and attention to detail a must. BS and 2+ yrs experience preferred. Salary DOE, benefits included. Send resume and references to: Human Resource Department, TerraGraphics Environmental Engineering, 121 S. Jackson Street, Moscow, ID 83843 or email to: [unkersj@tgenviro.com](mailto:unkersj@tgenviro.com)

**Hydrologic Engineer/Hydrogeologist:** Hydrogeologist to manage water quality environmental restoration projects. NEPA, wetlands, and wildlife/ecological experience would be a plus. This position requires a B.S. (M.S. preferred) in hydrogeology and 6 years or more related experience. Send resume and references to: Human Resource Department, TerraGraphics Environmental Engineering, 121 S. Jackson Street, Moscow, ID 83843 or email to: [unkersj@tgenviro.com](mailto:unkersj@tgenviro.com)

**Civil Engineer:** Civil Engineer position focuses on water/wastewater, infrastructure, public works, and design related to environmental projects. This position requires a P.E., Master of Science (preferred), and 6 years or more related experience. Send resume and references to: Human Resource Department, TerraGraphics Environmental Engineering, 121 S. Jackson Street, Moscow, ID 83843 or email to: [unkersj@tgenviro.com](mailto:unkersj@tgenviro.com)

**IT/Database Specialist:** Database/GIS/IT position for large, complex environmental database. Requires good quantitative skills, experience with MS Access, Excel, ArcGIS, SQL, and Visual Basic software. Programming skills, other database/GIS software knowledge (e.g., EQUIS and SIMS), some statistical knowledge (e.g. SAS) and attention to detail are a plus. This position requires a B.S. or M.S. (preferred) in Env. Sci., Comp. Sci., and/or Cartography, and 2 yrs or more related exp. Includes superior benefits. Salary DOE. Send resume and references to: Human Resource Department, TerraGraphics Environmental Engineering, 121 S. Jackson Street, Moscow, ID 83843 or email to: [unkersj@tgenviro.com](mailto:unkersj@tgenviro.com)

## EMPLOYMENT OPPORTUNITIES Cont.

**Project/Senior Ecologist:** Golder Associates, an international environmental and engineering group of consulting companies seeks a Project/Senior Ecologist for its Redmond, WA office. This position will provide project management and technical support for water resources and ecological projects including watershed planning, in-stream flow studies, water quality, stream ecology, fisheries, surface and groundwater and habitat restoration. Work within expanding water resources group on services currently provided to Pacific Northwest public and private sector clients. Position includes proposal writing, direction of junior staff, client liaison and business development. Required Skills: B.S. in relevant water resources or ecological discipline, M.S. preferred. Qualified candidates will have 8 or more years experience in one or more of the following areas: watershed planning and management, in-stream flow studies, stream restoration, wetlands, water quality, geomorphology, hydrology and hydrological modeling, or fisheries. Preparation of study plans and reports for environmental investigations, implementation of field investigations for environmental effects; knowledge of environmental regulations and programs including watershed planning. Motivated to expand services and help build group to service client needs. Professional registration preferred. Competitive salary with an excellent benefits package. EOE/M/F/D/V Please apply online at <http://www.golder.com> <<http://www.golder.com>> .Position is listed under Seattle Career Opportunities.

## EDUCATION

**MTCA 101 - Understanding the Amended Model Toxics Control Act (WAC173-340)** presented by the Northwest Environmental Training Center will be held October 14, 2003, 8:30 A.M. to 4 P.M. (1 Day) at the Red Lion Hotel at the Quay, 100 Columbia Street, Vancouver, Washington. This workshop is intended to improve participants understanding of the Model Toxics Control Act (WAC 173-340) and the August 15, 2001 amendments. This workshop will help participants understand the new MTCA rule, the associated cleanup standards, and how to establish soil cleanup levels for protection of groundwater. Participants will also learn the MTCA remedy selection process and public involvement requirements. Both instructors have a deep and thorough understanding of MTCA and will set aside time to answer questions at the end of each topic. This course is immediately followed by the two-day Establishing MTCA Cleanup Levels Workshop, October 15 - 16, 2003. Feel free to call Erick McWayne or Dara O'Byrne at 206-762-1976 if you have any questions.

**Establishing MTCA Cleanup Levels for Groundwater, Surface Water, and Soil** presented by the Northwest Environmental Training Center will be held October 15 - 16, 2003, 8:30 A.M. to 4 P.M. (2 Days) at the Red Lion Hotel at the Quay, 100 Columbia Street, Vancouver, Washington. This course provides attendees with an improved understanding of the procedures for establishing cleanup levels under the amended Model Toxics Control Act (WAC 173-340). The instructors will cover procedures for establishing cleanup levels using Methods A, B, and C for groundwater, surface water, and soil. Attendees will have an opportunity to walk through the process of method selection and application using case studies. The course will also include an in-depth look at Washington State Department of Ecology's three- and four-phase partitioning models and several demonstrations of their applications for establishing soil cleanup levels under Methods B and C (WAC 173-340-747). The instructors will discuss the strengths and weaknesses of these models and outline their appropriate application at various example sites with single and multiple contaminants. This course is preceded by the one-day MTCA 101 Workshop, October 14, 2003. Feel free to call Erick McWayne or Dara O'Byrne at 206-762-1976 if you have any questions.

**Fourth Annual Northwest Salmonid Recovery Conference** Hosted by the Northwest Environmental Training Center will be held November 4 - 7, 2003, 8:30 A.M. to 5 P.M. at the Mountaineers Conference Center, 300 Third Avenue W, Seattle, WA. This conference is dedicated to people working to restore Pacific Northwest salmonid populations. Each session provides practical information, methods, and resources to empower attendees to better perform their salmon recovery efforts. The goal of the conference is to foster a sense of stewardship and hope by providing current fisheries science and successful solutions for salmonid monitoring and recovery. For more information please visit [http://www.nwetc.org/salmonid\\_conf\\_03.htm](http://www.nwetc.org/salmonid_conf_03.htm).

## EDUCATION Cont.

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Forensic Analytical proudly announces a **Microbial Contamination Workshop** that will be held October 24, 2003. This workshop has been presented to sold out classes throughout the Western United States and covers microbial sampling, laboratory, remediation and health issues. Here is an opportunity for continuing education on one of the hottest environmental topics of the day. How do we protect our clients and employees, while limiting our liability? At what point is mold growth a concern? Please do mark your calendar to roll your sleeves up and attend this first class workshop. It will be held at the Riverplace Hotel, located at 1510 SW Harbor Way on the waterfront in downtown Portland, on October 24, 2003. The workshop will start at 8:30am with coffee and pastries and will run through 4:30pm. Lunch will be provided. Here is your chance to ask questions and to expand your personal and professional knowledge about mold. Please do not delay in registering as space is limited. Fill out and fax the attached registration form to 510-887-4218 attn: IAQ Workshop, call us directly at 510-887-8828 x124 or reach us via email at [ksadigh@forensica.com](mailto:ksadigh@forensica.com).

## OFFICE SPACE FOR LEASE

Looking for environmental professional to join our space. Private office (approximately 13'x14') in historic near-in eastside building. Share utilities, copier, office equipment, etc. Rent is \$250-300 per month plus utility share. Great building, on-site café, close to downtown – East Bank Lofts at 537 SE Ash, Suite 12, Portland. Share with two existing environmental consulting firms focused in air quality modeling and permitting, site assessment, and environmental policy consulting. Friendly atmosphere. For additional information, please contact Janet Gillaspie, Environmental Strategies, LLC at 503.233.3980 or by email at [janet@envirostrategies.com](mailto:janet@envirostrategies.com).



# NOMINATION FORM OLYMPIC CHAPTER

### NEBC Headquarters

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### Sponsoring Members

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- Wilder Environmental

### Website

[www.nebc.org](http://www.nebc.org)

The NEBC Board of Directors is accepting nominations for the Olympic Chapter subcommittee. This subcommittee is one of three chapter subcommittees of the regional board and has two basic functions, 1) to advocate on behalf of the members or the Olympic chapter of NEBC in the area of government affairs and relations and 2) to recommend and develop content for the events held in support of the Olympic chapter. The chapter committee is also the usual source of nominations to the board of directors as those seats become available. The activity of the chapter committees is vital to the health of the organization.

The process outlined by the board is a self-nominating one. Those interested are required to be employees of current NEBC member firms and must submit this form no later than **Friday October 31, 2003** to the NEBC office.

### Contact Information

Name: \_\_\_\_\_

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_

City / State / Zip: \_\_\_\_\_

Phone / Fax: \_\_\_\_\_

Email: \_\_\_\_\_

### Personal Goals for Serving on the Committee

(Please be very clear about why you are interested in serving. Why do you want to serve? What would be a personal/business success? What do you want to get out of serving on this subcommittee?)

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**Please Fax to 503.222.5050 by October 31, 2003**



## Olympic Chapter presents Legislative Preview Luncheon

Speaker: Jerry Smedes, Smedes & Associates

The Olympic Chapter Committee invites you to NEBC's annual Legislative Preview Luncheon on Wednesday, November 5, 2003. Each year NEBC conducts a forum to inform members about the legislative and government affairs landscape affecting our industry. Again this year we will be soliciting feedback from you regarding governmental affairs and policy issues. The priorities that result from this meeting will guide the Olympic Chapter committee for the upcoming year.

Wednesday, November 5, 2003

11:30 AM - 1:00 PM

McCormick & Schmick's Harborside on Lake Union  
1200 Westlake Avenue North - Seattle, WA

\$30.00 each for NEBC & Guests  
\$45.00 each for Non-NEBC Members

### Menu Selections

Meat Entrée: Smoked Salmon Ravioli with Dill Cilantro Pesto

Veggie Entrée: Penne Pasta with Roasted Peppers, Artichoke Hearts, Capers, Olives and Tomatoes

*Pre-registration Recommended, timely meal not guaranteed without reservation. Walk-ins will be charged a \$5.00 service fee. Cancellations accepted until 12:00 PM, October 31, after which no-shows will be charged.*

For more information contact NEBC at (888) 609-NEBC or visit our website at [www.nebc.org](http://www.nebc.org). To attend, fax completed form with payment to (503) 222-5050 - OR - checks can be mailed with this form to: NEBC, PO Box 672, Portland, OR 97207.

Company: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ Email: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Attendees (please circle entrée selection, see menu above):

\_\_\_\_\_ Entrée Selection: Meat / Veggie

\_\_\_\_\_ Entrée Selection: Meat / Veggie

\_\_\_\_\_ Entrée Selection: Meat / Veggie

Payment Type: Check Visa MasterCard Total: \$ \_\_\_\_\_

Card #: \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Exp. Date: \_\_\_\_/\_\_\_\_

The last three numbers on the signature strip of your credit card: \_\_\_\_\_

Signature: \_\_\_\_\_

Please Note: Because NEBC is a 501 C (6), contributions to the organization are not deductible as charitable contributions.

Special Thanks to our  
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**- NEBC 2003 EVENTS CALENDAR -**

<b>October</b>			
1	Olympic Chapter Committee Meeting	9:30 AM – 11:30 PM	AGC of Washington – Seattle, WA
1	Olympic Chapter Luncheon – Topic: Environmental Industry Update	11:30 AM – 1:00 PM	Harborside Seafood Restaurant – Seattle, WA
2	Cascade Chapter Luncheon – Topic: Environmental Industry Update	7:30 AM – 9:00 AM	5 <sup>th</sup> Avenue Suites – Portland, OR
27 - 29	National Brownfields Conference: Growing A Greener America	All Day	Oregon Convention Center – Portland, OR
28	National Brownfields Conference – Mayoral Reception	5:15 PM – 7:15 PM	Portland City Hall – Portland, OR
<b>November</b>			
5	Olympic Chapter Luncheon – Topic: Legislative Preview	11:30 AM – 1:00 PM	Harborside Seafood Restaurant – Seattle, WA
6	Cascade Chapter Committee Meeting	8:30 AM – 10:30 AM	CH2M Hill – Portland, OR
17	Hazwoper Training	8:00 AM – 5:00 PM	DoubleTree Jantzen Beach – Portland, OR
18	Board of Directors Meeting	TBD	DoubleTree Jantzen Beach – Portland, OR
18 – 19	Northwest Environmental Conference	All Day	DoubleTree Jantzen Beach – Portland, OR
<b>December</b>			
6	Olympic Chapter Committee Meeting	TBD	TBD
6	Olympic Chapter New Committee Member Welcome Mixer	TBD	TBD

**- NEBC CONTACT INFORMATION -**

[www.nebc.org](http://www.nebc.org)

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 Portland, OR 97207-0672  
 Voice: 503.227.66361  
 Toll Free: 888.609.NEBC (6322)  
 Fax: 503.222.5050

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**Program Manager**  
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**Office Manager**  
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