



Spokane Chapter

Washington Society of Professional Engineers

“Air Quality – At Home and Around Town – Where are We Headed”

Presenter: Beth Fifield Hodgson, WSPE President & Principal, Spring Environmental, Inc.

- Date:** Monday February 9, 2009
- Time:** 12:00 P.M. – 1:30 P.M.
- Location:** Wolf Lodge Inn
2nd and Thor Streets
Spokane, Washington
- Parking:** Specific parking *is not* available for this event
- Lunch:** Order from a select menu.

RSVP to Leonard Byrne via email (byrne@cet.com) or phone (928-8561)

All are Welcome!!

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CHAPTER NEWS

Chapter Financial Report

As of January 13, 2009, the Chapter accounts total \$6,490.82. Accounts receivable total \$765.67 including \$300 in support of MathCounts from Empire Bolt and a \$465.67 reimbursement from WSPE Education Foundation. Accounts payable total \$138.31. After resolution of the accounts receivable/payable, the Chapter's balance will be \$6,450.82. This amount does not include any membership renewals that may have accrue to the Chapter during the month of December, 2008.

Provided by Bruce Turner, P.E.

Engineering Explorer Post 725

At the December 15th meeting we checked the students' drawings of bridges and gave out 19 bridge kits, three of which were for parents in the senior division. During the January 5th meeting the check bridges with the load plate and the 1 ½ x 1 ½ x 18 inch wood block. Post 725 tested 6 bridges January 19th. Miss Sprint was the clear winner with the efficiency of 1,781 and a 19 gram bridge. I think she has a chance to be a regional winner because her bridge was short and it failed by slipping through the support frame.

On Saturday Feb 21 @ 10 am come to GU and help cheer your Post during an exciting bridge building contest. We need a member to step forward and be the Post advisor.

I spent 50 years as a scout master and I did not plan to retire from the troop and become an explorer advisor. I only agreed to take post 725 through the bridge building contest on 21 February. Please contact Howard at 747-8257 to volunteer for this important position.

Provided by Howard Pettibone, P.E.

2009 Bridge Building Contest

Letters mailed to 60 schools, confirmed interest from six schools. Explorer Post also received 24 kits. New testing rules require a new loading plate. Doug Sowder will provide. Competition will be at Gonzaga on February 19th and 20th. Ray will need helpers. Expected budget \$2,275. Ray to contact Howard Pettibone to make sure fund raising efforts have started.

Provided by Ray Briggs, P.E.

2009 Carl M Hanson Scholarship Interview

Scheduled for 7PM on Thursday February 19, 2009 at Central Methodist. Two to four more volunteers are needed to help with interviews. Contact Alan Gay at 328-5139 or agay@uskh.com for more information.

Provided by Alan Gay, P.E.

Webinar Series

November 2008 Lunch Webinar (\$40 per person)

“How to Gain Recognition for you Projects Through Public Relations”

Webinar Registration	\$(119.00)	
Food	\$(138.31)	
Website/Processing Fees	\$(55.70)	
Attendee Registration	<u>\$280.00</u>	
	\$(33.01)	FINAL

January 2009 Breakfast Webinar (\$45 per person)

“From Project Engineer to Project Manager: Look Before You Leap”

Webinar Registration	\$(249.00)	
Food	\$(50.00)	
Website/Processing Fees	\$(61.31)	
Attendee Registration	<u>\$270.00</u>	
	\$(85.31)	ESTIMATE

We will be doing one more seminar this year. We will be using Mukagowa again.

Controlling Project Design Costs (1.0 PDH)

March 24, 1:00 p.m. – 2:00 p.m. (Eastern)

Speaker: [Howard Birnberg](#),

Provided by Nichol Pettis, E.I.T.

February Chapter Meeting

“Air Quality – At Home and Around Town – Where are We Headed”

Scheduled for noon on Monday February 9, 2009 at the Wolf Lodge Inn at 2nd and Thor in Spokane... Beth Hodgson, P.E. will discuss how air quality regulations, which are imposed on businesses in Washington State, have and will change air quality in our personal environments. Beth will also present some ideas on how to mitigate anticipated concerns. Beth Hodgson is president of Spring Environmental in Spokane Washington and the current president of the Washington Society of Professional Engineers. One of Spring Environmental's specialties is air quality. Spring Environmental, Inc. is dedicated to simplifying environmental and safety compliance through high quality and effective technical assistance while promoting a better environment. Beth Fifield Hodgson and Barbara Fifield Guzman established Spring Environmental, Inc. to provide high quality, reasonably priced technical assistance to Pacific Northwest firms. Since its inception in early 1997, Spring Environmental has developed air permits and supporting engineering and modeling for a dozen regional companies, prepared integrated emergency response plans for half of those, conducted multi-disciplinary environmental audits at almost two dozen facilities, and provided training to over 400 employees in the Spokane area. Spring Environmental provides engineering evaluations of environmental systems. In the past three years, they have evaluated dust collection systems and combustion processes. Beth will also be ready to discuss issues of interest regarding WSPE.

Provided by Beth Hodgson,, P.E.

STATE NEWS

Annual WSPE Meeting – May 15 – 16, 2009 @ Tulalip Resort, Marysville, WA

The WSPE Annual Meeting is scheduled for Friday 15 May and Saturday 16 May 2009 in Marysville at the casino. It will be a joint meeting with the NSPE Western and Pacific Region and will include an “Order of the Engineer” ceremony, new officers swearing-in and a WSPE Educational Foundation Annual meeting.

At the November WSPE Executive Committee meeting it was suggested that we should incorporate continuing education opportunities and the Board of Trustees solidified the plans at the January BOT meeting. We will have two tracks for three sessions each. Each session would be 60 minutes with 30 minutes for questions and answers.

Sessions will be Friday 15 May at 0800, 1000, and 1300 and the topics will cover:

- Non-traditional projects/Economic stimulus (Session Chair: Steve Short)
- Project Management (Session Chair: Alan Werner)
- Ethics (Session Chairs: Duane Duff and Pam Ankrum)
- Green/Sustainability (Session Chair: John Schaufelberger)
- Young Entrepreneur (Session Chairs: Beth Hodgson and Ken McGowan)
- State Infrastructure (Session Chair: John Rector)

Spokane Chapter members are requested to submit suggested speakers for any of these topics to Beth Hodgson (beth@springenvironmental.com) or Steve Short (steve.short@pnl.gov) by 01 March 2009. We could really use some your help!

NOTICE BOARD

Bits & Bytes from PacificCAD

New from Autodesk is a toolkit for subscription members using Revit Structure to perfect your bridge design and modeling as a means to capture possible economic stimulus package infrastructure projects. The toolkit provides information, tools, content, and datasets that will better enable structural engineers and drafters to address infrastructure build-out as it relates to bridges. Specific components include Box Girder Methodology and Datasets, Precast Girder Methodology and Datasets, Bridge Components .rfa Content and Bridge Modeling Using Revit Structure 2009 Software Tips & Tricks. For more information, contact Jerry Ponozzo at PacificCAD. 800-722-2621.

Professional Office Space for Lease

Furnished and unfurnished office space is available for on a daily or monthly basis within walking distance to the Court House, Spokane County Public Works, and downtown Spokane. Amenities include high speed internet, receptionist services, conference room and standard office machines. Contact Beth at 995.5258 for additional information on rates and availability.

2008 – 2009 CHAPTER OFFICERS

Executive Board:

President	Leonard Byrne, PE	928.8561
President.Elect	OPEN	
Vice President	Scott McDonald	534.9711
Secretary/Treasurer	Bruce Turner, PE	624.8125
Trustee (2 nd Year)	OPEN	
Trustee (1 st Year)	Alan Bain	534.9711
Past President	Leonard Byrne, PE	928.8561
WSPE President	Beth Fifield Hodgson, PE	328.7500

Chapter Committee Chairs:

Engineers Week	<i>Not held during 2009</i>	
Explorer Post #725	OPEN	
Math Counts	Alan Bain	534.9711
Membership	Beth Fifield Hodgson, PE	328.7500
Model Bridge Building	OPEN	
Newsletters	Beth Fifield Hodgson, PE	328.7500
Scholarships	Alan Gay, PE	328.5139
Team JETS	Gail Allwine, PE	328.4220
Webinar Series	Nichol Pettis, EIT	328.7500

2009 CALENDAR OF EVENTS

<p style="text-align: center;">January 2009</p> <p>5: Holiday Social @ Hodgson’s, 6PM</p> <p>8: WSPE Webinar: “Project Engineer to Project Management”, 8:15 – 10:00</p> <p>23 – 24: WSPE BOT @ SEATAC</p>	<p style="text-align: center;">February 2009</p> <p>9: Chapter Meeting: “Air Quality & WSPE Update”</p> <p>28: Spokane MathCounts @ Northwoods Jr. High</p>	<p style="text-align: center;">March 2009</p> <p>21: WSPE MathCounts @ Microsoft’s Redmond Campus</p>
<p>April 2009</p>	<p>May 2009</p> <p>15 – 16: WSPE BOT @ Marysville</p>	<p>June 2009</p>
<p>July 2009</p>	<p>August 2009</p>	<p>September 2009</p> <p>11 - 12: WSPE BOT @ Tacoma</p>
<p>October 2009</p>	<p>November 2009</p>	<p>December 2009</p>

** Check the monthly newsletter for meeting locations **