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Business of Brownfields
c/o Engineers' Society of Western PA
Pittsburgh Engineers' Building
337 Fourth Avenue
Pittsburgh, PA 15222



Sponsored by:
The Engineers' Society of
Western Pennsylvania



14th Annual Business of Brownfields Conference

April 15-17, 2009

David L. Lawrence Convention Center
1000 Fort Duquesne Blvd.
Pittsburgh, PA 15222

Co-sponsored by:



INSTITUTE OF
BROWNFIELD
PROFESSIONALS



The Brownfields Center at
Carnegie Mellon University



National Brownfield Association



ALLEGHENY COUNTY BAR ASSOCIATION
Environmental Law Section

Brownfields Riverboat Tour , Wednesday, April 15 (2:00-4:00 pm)
Aboard the Pittsburgh RiverQuest's Explorer Green Boat
Opening Reception with Dennis Davin, Allegheny County Economic Development (4:30-6:30 pm)

Tour Schedule:

1:45 Pre-Boarding the Pittsburgh *RiverQuest Explorer* green boat at the DLLCC docks (suggested parking in the DLLCC Parking Garage)
2:00 Boat departs from river dock
4:00 Boat returns to river dock
4:30 Reception at the Westin Hotel - Pennsylvania Room with Keynote Speaker Dennis Davin, *Executive Director of Economic Development for Allegheny County*
Cost: \$50.00/person; indicate your selection on the Registration form, or contact ESWP to register separately for this tour & reception.

THURSDAY SESSIONS

**Opening Session, with Keynote Speaker Luke Ravenstahl,
Mayor, City of Pittsburgh, PA; (9:00-9:30 am)**

Regulatory Perspectives; 9:30-11:45am

Moderator: Tracey Vernon, Pennsylvania Department of Environmental Protection, Harrisburg, PA

Public Participation - An Often Overlooked but Key Component for Successful Redevelopment

William Kelly, Lycoming County Planning Development Department, PA; Holly Cairns, PA DEP Office of Environmental Advocate, Southwest Regional Office, Rachelle Ricotta, Lycoming County Planning Department, PA; Tracey Vernon, PA DEP, Harrisburg, PA

Successfully Navigating Brownfield Redevelopment and Stormwater Management Public Participation; An Often Overlooked but Key Component for Successful Redevelopment

Robert J. Scheib III, P.E. and Chris Kriley, P.E., PA DEP, Southwest Region, Pittsburgh, PA

UECA - Implementation Update

Troy Conrad, PA DEP Bureau of Land Recycling; Michael Buchwach, PA DEP; John Andzelik, PA DEP Southwest Regional Office; Donald C. Bluedorn II, Babst, Caland, Clements & Zomnir, RC

Brownfield Remediation Technologies; 1:15-5:00pm

Green Remediation - Reducing the Carbon Footprint and Other Environmental Impacts during Cleanup

Kristeen Gaffney, EPA Region 3, Philadelphia, PA

Sustainable Remediation Practices

Glenn Nicholas Iosue, P.E., MECX, LP, Quakertown, PA

Brownfield Site Cleanup " Find It & Fix It"

Richard Cartwright, MECX, East Amherst, NY

Compilation of Case Histories from More Than Eight Years of Successful Testing and Remediation Using Aerobic Soy Based Co-Metabolism For Removal of Chlorinated Hydrocarbons from Groundwater

Don Blackert, P.G., KU Resources, Amity, PA; Jerome Cibrik, The Dow Chemical Company, South Charleston, WV

Cost and Performance Analysis of Implementing Enhanced Anaerobic Bioremediation (EAB) of Chlorinated Solvents at Four Dry Cleaner Sites in Oregon

Brian Timmins, ETEC, LLC, Portland, OR

Performance-Based ERH Remediation of DNAPL in a Tight Soil Matrix

Christopher Pike, Tetra Tech NUS, Inc., Pittsburgh, PA

Utilizing Aggressive Chemical Oxidation Technologies for Cost -Effective NAPL Remediation at Brownfields & MGP Sites

Chuck Whisman, Groundwater & Environmental Services, Inc, Exton, PA; David R. Bennett, Groundwater and Environmental Services, Inc., Blacksburg, VA

Brownfield Success - Lessons Learned; 9:30-11:45am

Using an EPA Region III Pilot Program to Facilitate Sustainable Development at Brownfield Sites

Robert E. Greaves, Land and Chemical Division, U. S. Environmental Protection Agency Region III; William K. Ahlert, Ph.D., HDR Engineering, Inc., Allentown, PA

Redeveloping Industrial Waste Ponds with Renewable-Energy Component

Bradford White, Ph. D., Hull & Associates, Inc./River Road Redevelopment, LLC, Mason, OH

Sustainable Land Redevelopment with an Emphasis on Best Practices of Today

*Moderator: Pixie Newman, CH2M HILL, Chicago, IL
Panelists include a representative of a major redevelopment venture, one representing a city or county project/program, one representing major legacy property land holder project or program, and one representing regulator perspective/program priorities.*

Sustainable Development; 1:15-2:45pm

Moving Tough Sites in Tough Markets Using Sustainable Design

Nicole Henderson, SRA International, Inc., Arlington, VA

SMART Development? - Sustaining Michigan through Adaptive Reuse of Terrain

Benjamin Tallerico, Vilican Leman Associates, Monroe, MI

Practical Considerations in Sustainability

Tammi Halapin, Collective Efforts, LLC, Pittsburgh, PA; Richard Hoff, The Mahfood Group, LLC, Bridgeville, PA

Environmental Insurance Developments; 3-4:00pm

Environmental" Insurance and Brownfields: How to Make Them Work for You

John G. Nevius, Anderson Kill & Olick, PC., New York, NY

The State of the Environmental Insurance Marketplace

Robert Hallenbeck, XL Insurance, Exton, PA

Visions for Redevelopment; 4-5:00pm

The Riverfront Vision: Redeveloping Brownfields to Revitalize and Reconnect Neighborhoods

Rob Stephany, Urban Redevelopment Authority of Pittsburgh, Pittsburgh, PA

**Enjoy Exhibit Hall hours on Thursday and Friday,
featuring a Thursday Luncheon Buffet and
Thursday Evening Reception open to all
registered attendees!
View an up-to-date list of Exhibitors at
www.eswp.com/brownfields**

FRIDAY SESSIONS

Opening Session (8:30-9:00am)

Brownfield Remediation Technologies; 9-9:30am

Advancements in Gas Vapor Barrier Technology

Barry Poling, CHMM, *Regenesis/Land Science Technologies, Georgetown, IN*

Fresh Perspectives 9:30am-12:15pm

Creative Financing Options

Charles Bartsch, *ICF Consulting, Washington, DC*

Effects of Changing Regulatory Paradigms on Brownfield Viability and Sustainability

Richard Hoff, *The Mahfood Group, LLC, Bridgeville, PA*; Tammi Halapin, *Collective Efforts, LLC, Pittsburgh, PA*

Volunteering for Cleanup: Perspectives from States and Volunteers

Kelly Novak, *Virginia Tech, Alexandria, VA*

"Real" Timeline for a Brownfields Redevelopment Project in NJ

Mitchell Brouman, *Beazer East Inc., Pittsburgh, PA*

Prioritizing Sites to Allocate Limited Resources

Susan Morgan, *Redevelopment Authority of the County of Washington, Washington, PA*

Visions for Redevelopment; 9-9:50am

Creating a Place - Planning for Ambridge's In-town Brownfield

Jerome Dettore, *Michael Baker Corp, Pittsburgh, PA*; Michael Bort, *Pittsburgh Mineral & Environmental Services, New Brighton, PA*; Frank Mancini, *Redevelopment Authority of Beaver County, Beaver, PA*

Starpointe Business Park

James Pritchard, *Michael Baker Jr., Inc., Beaver, PA*; Dan Reitz, *Washington County Council on Economic Development, Washington, PA*; Sally Flynn, *Fourth River Development Co., Pittsburgh, PA*; Partric Hanulak, *LaQuatra-Bonci Assoc., Pittsburgh, PA*

Innovative Site Investigation; 10:00am-12:15pm

Multi-Incremental Sampling, Parts 1 & 2

Moderator: Barbara Jo Hall, *TestAmerica, Pittsburgh, PA*

Part 1: Impacts on Sampling and Sample Processing

Alan D. Hewitt, Marianne E. Walsh, Michael R. Walsh, Susan R. Bigl, *U.S. Army ERDC-CRREL, Hanover, NH*, Mark A. Chappell, *U.S. Army ERDC-EL, Vicksburg, MS*, Charles A. Ramsey, *EnviroStat, Inc., Fort Collins, CO*

Part 2: Laboratory Support for Multi-Increment Sampling

Mark Bruce Ph.D., *TestAmerica, Inc, North Canton, OH*; Larry Penfold, *TestAmerica, Inc, Arvada, CO*

Radiello® Passive Sampling Method for Evaluating Vapor Intrusion

Brett Shamory, *DMS Environmental Services, LLC, Bellefonte, PA*

How Green is Dig and Haul?

David Morgan, *Corporate Environmental Solutions, Pittsburgh, PA*

The Lone Drum

Gary Thurheimer, *KU Resources, Inc., Duquesne, PA*

GENERAL INFORMATION

- Early Registration Opens Wednesday, April 15 at the Westin Hotel, following the Explorer Boat Tour
- Regular Registration Opens Thursday, April 16 at the David L. Lawrence Convention Center (DLCC), at 7:00 a.m.
- Special Hotel Block for "BoB" Registrants at the Westin Convention Center Hotel, adjoining the DLCC via skybridge. Visit www.eswp.com/brownfields/lodging.htm for information



About the Conference

Since 1995 the Engineers' Society of Western Pennsylvania has presented an annual conference on the subject of brownfields reclamation. In fact, the ESWP was in the brownfields conference business even before the term "brownfields" was commonly used when referring to environmentally impaired sites. Back then, we conducted the "Industrial Site Recycling Conference" (ISRC) for 5 successful years. Since that time, ESWP has partnered with the U.S. EPA on the National Brownfields Conference for three very successful events in 2000, -01 and -02. In 2003 ESWP again sponsored its own conference returning to Pittsburgh with the "Business of Brownfield" conference, attracting over 300 attendees in both 2003 and 2004. In 2006, the "BoB" moved to Seven Springs Mountain Resort in Champion, PA, and in 2007 found a new home in downtown Pittsburgh at the David L. Lawrence Convention Center (DLCC), and partnered with the Brownfields Center at Carnegie Mellon University and the Western PA Brownfields Forum. With the success of the 2008 "BoB", we are pleased to return to the DLCC with a refined agenda that reflect the comments we have received from surveying the 2008 attendees. We hope that you are pleased with the conference program prepared for this year's event.

Technical Program

The strength of the "BoB" has always been a quality technical program, where, beginners and experienced practitioners can find real world solutions and examples of successful brownfields redevelopments. In addition to the many sessions and panel presentations (listed above in summary format; visit www.eswp.com/brownfields for full presentation descriptions), the Exhibit Hall and several plenary sessions are sure to inform and educate attendees.

Exhibits

Browse and learn from more than 20 exhibits displays during the conference, featuring government agencies and engineering consultants. The Exhibit Hall is open during a majority of the Conference hours, and plays hosts to the coffee breaks and networking receptions offered during the Conference. A current list of 2009 exhibitors can be found at the "BoB" web site, at www.eswp.com/brownfields.exhibits.htm. Exhibit Hall hours are Thursday, 11:30 a.m. until 6:30 p.m., and Friday from 7:30 a.m. until Noon.



2009 The Business of Brownfields Conference & Boat Tour Registration
April 15-16-17, 2009
David L. Lawrence Convention Center, Pittsburgh, PA



Attendee Name (First, Last) Name for Badge

Company

Address

City/State/Zip

Telephone Fax

E-mail

Industry Type (please check all that apply):

- | | | | |
|--|---|--|------------------------------------|
| <input type="checkbox"/> Academia/Research | <input type="checkbox"/> Banking/Finance | <input type="checkbox"/> Community Group | <input type="checkbox"/> Developer |
| <input type="checkbox"/> Environmental Consultant/Contractor | <input type="checkbox"/> Legal | <input type="checkbox"/> Owner | <input type="checkbox"/> Engineer |
| <input type="checkbox"/> Government Official | <input type="checkbox"/> Economic Development | <input type="checkbox"/> Other _____ | |

REGISTRATION

Attendees who register by Friday, April 3, 2009 will be included in the Printed List of Attendees.
 Check the appropriate registration box:

	Before April 3	After April 3
<input type="checkbox"/> FULL Conference Registration (Thursday/Friday)	\$295	\$325
<input type="checkbox"/> THURSDAY Only Registration	\$195	\$225
<input type="checkbox"/> FRIDAY Only (1/2 day) Registration	\$ 95	\$125
<input type="checkbox"/> Speaker Registration for FULL Conference (Thursday/Friday)	\$150	\$175
<input type="checkbox"/> Government & Non-Profit FULL Conference Registration (Thurs/Friday)	\$149	\$165
<input type="checkbox"/> Government & Non-Profit THURSDAY Only Registration	\$ 99	\$125
<input type="checkbox"/> Government & Non-Profit FRIDAY Only (1/2 day) Registration	\$ 49	\$ 65
<input type="checkbox"/> OPTIONAL: Pittsburgh Explorer River Boat Tour (Wednesday, April 15)	\$ 50	\$ 50

TOTAL DUE : \$

Cancellation Policy: If you don't cancel and don't attend, you will be charged the full registration fee. Requests for cancellation must be received in writing prior to APRIL 3, 2009, and are subject to a \$25 processing fee. Substitutions (from the same firm) may be made at any time. However, we request notification prior to the Conference for preparation of registration materials. After April 14, you may register on-site on Wednesday, April 15 throughout the completion of the conference.

METHOD OF PAYMENT

- | | | |
|---|--|---------------------------------------|
| <input type="checkbox"/> Check (Made payable to ESWP) | <input type="checkbox"/> Visa** | <input type="checkbox"/> MasterCard** |
| <input type="checkbox"/> American Express** | <input type="checkbox"/> ESWP Account: _____ | |

Authorized Signature

Account Number Exp. Date

** Due to fraud protection measures, credit card payments must include the correct billing address for payment processing. If credit card billing address is different from the address listed in above, please provide billing address.

There are three easy ways to register for the 2009 Business of Brownfields Conference!

1. Register on-line at www.eswp.com/brownfields
2. Mail this form to:
 The Business of Brownfields Conference
 c/o The Engineers' Society of Western Pennsylvania
 337 Fourth Avenue
 Pittsburgh, PA 15222
3. Fax this form to: (412) 261-1606 Questions? Phone the Engineers' Society at (412) 261-0710 x 10