



# North Winds

## VOICE OF THE ANCHORAGE POST

August 2009 Edition

### CALENDAR OF EVENTS

The Society of American Military Engineers  
(SAME) Meeting 27 August, 2009  
Anchorage Moose Lodge  
BOD Meeting 28 August 2009  
0630 @ Country Kitchen Restaurant

ALL NEWSLETTER ARTICLES ARE DUE TO THE EDITOR BY THE 10<sup>TH</sup> OF EACH MONTH

This month's sponsor is:



### This Month's Speaker:

This month's speaker will be Mr. James Buska, a Research Civil Engineer with the Cold Regions Research and Engineering Laboratory in New Hampshire. Read the complete bio attached with this newsletter.

### President's Column

"Hope this newsletter finds you well." I would like to devote this month's column to a future event that we are planning in February 2010. How is that for advanced planning? One of our long standing members, Craig Lance, with the Army Corps of Engineers, has stepped forward and suggested a

continuing credits opportunity in the area of construction scheduling. Craig suggests that the training be organized around four modules:

- Scheduling principals
- Initial project schedule review
- Pay estimate schedule review
- Time impact analysis

As part of our post's charter, offering this type of training is one of our 2009 goals. We hope that you will avail yourselves to this opportunity and pencil in the event now. Thanks for all you do and be safe as you start buttoning up. Fireweeds are fully bloomed by now!

Tim

Should you like to comment, please pass on your thoughts to our secretary, Jaci Mellot, at [jaci.mellot@hdrinc.com](mailto:jaci.mellot@hdrinc.com)

Thanks for all you do for our post.

Tim Gallagher  
Post President

### PROCEEDINGS:

The following were present:

Mr. Pat Coullahan, Mr. Tim Gallagher, Mr. Tom Fenoseff, Mr. Skip Koch, Ms. Nicole Knox, Mr. Craig Lance, Mr. Ted Trueblood, Ms. Jaci Mellott, Mr. Chris Turletes, Mr. Alan Quesnell.

○ Mr. Tim Gallagher – President opened the meeting at 0645.

○ Treasurer: Ms. Kathy Jacobson

- No update
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- Newsletter: Mr. Andy Larson
  - No update
- Programs:
  - Mr. Tom Fenoseff mentioned that the 6<sup>th</sup> Engineer Battalion is on track for a September equipment layout tour.
- Seminars:
  - Mr. Craig Lance mentioned that the February seminar needs seed money for lunch and coffee. Mr. Craig Lance to present a proposal to the BOD at their next meeting.
- Membership:
  - No update.
- Banquet:
  - No update.
- Talley Fund:
  - The Talley Fund gained a few dollars and is currently at \$162,000. The BOD needs to be more involved in the scholarships. Mr. Craig Lance to provide information on the investment policy at the next BOD meeting.
- After Action:
  - No update.
- Camp
  - 2 campers and 1 mentor attended the camps. Mr. Chris Turletes requested confirmation on check receipt for campers. Mr. Chris Turletes also inquired as why the committee did not provide him with any information on the application for the Navy camp.
- Awards:
  - Packages to go in at the end of September. The list will be sent to Col. Koenig, he has long time staff who he may wish to

- nominate for Engineer of the Year.
- BOD agreed that a Fellow award needs to be submitted for 2009.
- BOD mentioned there are 10 awards total that individuals could be nominated for.
- Scholarships:
  - 78% responded to the Scholarship Management Best Practices. SAME provides approximately \$800,00. in scholarships per year.
  - The scholarship program helps to develop best practices for K-12.
- Other:
  - Marines were deployed to Newtok to start building road.
  - An active readiness leader is needed. Mr. Coullahan is currently on the national readiness committee, and should be the readiness representative. Alan Quesnel to approach ALCOM engineer as readiness candidate.
- Goals:
  - No update
- Mr. Tim Gallagher, President, closed the BOD meeting at 0730

## Newsletter Sponsorship

Sponsorship opportunities are available for the 2010 North Winds monthly newsletter. All sponsors will have their name and logo on the front page of the Newsletter and up to a two page flyer attached to the North Winds. For 2010, we will continue our practice of allowing sponsors five minutes at the monthly luncheon to pitch their firm.

The North Winds Newsletter welcomes articles of interest and photos for the Newsletter. Please submit articles and photos with captions concerning SAME activities to the editor by the 10<sup>th</sup> of each month.

## Officers

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1 <sup>st</sup> Vice President	Ms. Vivian Tokar
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A contact list is attached.

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## Board of Directors

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# James Buska

## Research Civil Engineer

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August 2009

### Biographical Sketch

James Buska is Research Civil Engineer with the U. S. Army Corps of Engineers, Engineer Research and Development Center (ERDC), Cold Regions Research and Engineering Laboratory (CRREL).

He joined CRREL in 1977 and has been conducting applied research in cold-regions roofing and building technology since 1985. His work is aimed at improving the performance of buildings and other facilities in cold climates. He has investigated and documented the performance of many facilities where roofing, moisture, attic and roof ventilation, roof icing, sliding snow, and snow ingestion problems were present. Mr. Buska has provided innovative cold regions solutions and services to agencies planning, constructing, operating, and maintaining standard and strategic facilities in cold regions worldwide. He often provides design review and technical guidance to help avoid problems in the design and construction of many Corps of Engineers facilities. His work supports the Cold Regions Infrastructure technical area at CRREL and their partnership with the Alaska District in the Cold Regions Directory of Expertise (CRDX).

Mr. Buska also conducts snow load case studies and research on improving the case study methodology. He has authored or co-authored the following publications on snow loads and snow-related building technology issues:

- Standing Seam Metal Roofs in Cold Regions
- Attic Ventilation Guidelines to Minimize Icings at Eaves
- Electric Heating Systems for Combating Icing Problems on Metal Roofs
- Roof Ventilation to Prevent Problematic Icings at Eaves
- Snow Guards for Metal Roofs
- Ventilating Cathedral Ceilings to Prevent Problematic Icings at their Eaves
- Developing Ground Snow Loads for New Hampshire
- Minimizing the Adverse Effects of Snow and Ice on Roofs
- Guidelines for Ventilating Attics and Cathedral Ceilings to Avoid Icings at their Eaves
- Ground Snow Loads for New Hampshire (*these loads were also published in the Commentary of ASCE 7-02*)

He has B.S. and M.S. degrees in Civil Engineering from Montana State University (1975 and 1976 respectively).



EMAX Laboratories, Inc., a small disadvantaged (SDB) and small (SBE) business, has provided analytical support for some of the largest environmental

restoration and remediation projects in the United States over the past fifteen years. Our data has supported compliance, investigation, monitoring, and closure activities for some of the largest and most visible of projects for the Department of Defense, the Department of Energy, the U.S. Environmental Protection Agency, and multiple state and local authorities. With a staff of over eighty, EMAX is one of the largest laboratory facilities on the West Coast. Our experience and stability ensure that we can fulfill most project requirements.



Our 27,000 square foot facility has more capacity for samples than most any of the individual facilities of the large-business network lab companies. EMAX also is rich in instrumentation and we have a well-trained and experienced staff. In short, EMAX is structured to handle large projects and has demonstrated our capability to perform on large projects. The following have helped distinguish EMAX over the years and has ensured that clients receive the best service possible:

*Subject: Ft Richardson Sampling Update*

*...I wanted to the time to thank you and everyone at EMAX for the hard work you put forth towards this project. We can not remember a time when we have received results consistently on time and with such good quality. Multiple times we had the field crew arrive onsite at noon to begin work when the results were received, and we were never delayed. With your help we were able to complete the project as timely as possible even given the extended sample quantities and schedule.*

*Please feel free to pass this along to your crew. Thank you again...  
Confidential Client*

EMAX -

We greatly appreciate the dedication and response that the employees at EMAX are providing on the Hill AFB PCB project. This project is one of the highest priority project throughout the entire Air Force because it impacts military housing - **and the rapid response from EMAX is being noticed at all levels of the Air Force and here at MWH.**

Thanks Again!  
Hhan Olsen, P.G.  
Supervising Hydrogeologist

- *Well-trained and Experienced Personnel—more than ½ have been with EMAX over 5 years*
- *Large and Experienced Extraction Department*
- *Excess Analytical Instrumentation Capacity*
- *Expertise in Electronic Data Deliverables*
- *Set up to handle stringent QA/QC requirements of ACOE, AFCEE and ADEC.*

**EMAX: ADEC certified, ACOE, Navy & AFCEE experienced.  
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## Recent/On-going Alaska ADEC Experience:

PROJECT	SERVICE	TAT	EDD
Clear AFS	Soil & groundwater sampling.	21 days	ERPIMS
Point Lay	Soil & groundwater sampling.	21 days	ERPIMS
Elmendorf	RA-O and LTM for waters & soils.	21 days	Client Format
Ft Richardson	Rush PCB analysis in support of an excavation.	24-hours	SEDD
Ft Wainwright	Alaska Army National Guard waste analysis.	72-hrs	SEDD



Analysis	Monthly Capacity (Soil and Water)
8260-Volatiles	2,400
8270-Semivolatiles	1,200
8141-FPD	500
8081/8082-ECD	1,600
AK101, 102 & 103/8015M	2,400
8310/8330	1,500
300.0/314.0/218.6	1,500
Metals	3,000

**EMAX** has capacity to handle large projects, as this tabular summary of our laboratory capacity shows. We are set-up to handle the stringent needs of you Federal Projects. Over the last 12 months, EMAX has provided on-time delivery of our final data packages/reports in excess of 85%. For rush analyses (24, 48, and 72-hour) EMAX has had a 95% on-time record. During the last 12 months, EMAX has met holding time requirements in over 99.8% of VOA analyses and extraction hold times for waters, and 100% for all the analyses on soils samples.

Please contact:  
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 ...and  
 Vice President SAME,  
 Orange County Post

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*I wanted to let you both know what a great job EMAX has been doing. Last quarter we received all the data almost two weeks early and their EDDs and GeoTracker files were almost flawless. Due to their early delivery times, over half of the GeoTracker files for the Summer 2004 quarter have been checked and submitted to the GeoTracker website. They have a very quick response time with emails and phone messages and are eager to help us in anyway. Overall, it has just been a pleasure to work with them.*

Michelle Stedman  
 Tetra Tech, Inc.