



# Tacoma/Olympia Section Civil Engineer THE NEWSLETTER

JANUARY 2007

## Lunch Meeting

Tuesday, Jan. 9<sup>th</sup>

### Joint Meeting w/SAME

Speaker: Mr. Jeff Killelea,  
Project Manager, Washington  
State Department of Ecology  
(WSDOE) Water Quality  
Program

### LaQuinta Inn

off I-5 at Portland Av Exit

Cost: \$25\* cash or check

\*students half price

Social: 11:00am

Lunch: 11:30am

Program: noon

### Menu:

Beef Stroganoff

Chicken Breast Marsala

Caesar Salad Station with  
Assorted Dressings

Pasta Salad and  
Red Potato Salad

Seasonal fresh  
fruit Display

Oven Roasted Red  
Potatoes, Seasonal  
Vegetable medley

Nine Grain Rolls and Butter

Assorted Desserts

Please RSVP by noon,  
Friday, Jan. 5

Contact Kay Hoke at  
[khoke@cityoftacoma.org](mailto:khoke@cityoftacoma.org)  
or 253.591.5760

Please note the section does  
not have the ability to accept  
credit cards. **Cash or Checks,**  
please.

## Construction Stormwater General Permit Requirements



Speaker: **Mr. Jeff Killelea,**  
Project Manager, Washington State  
Department of Ecology (WSDOE)  
Water Quality Program

EPA Phase II Stormwater rules require construction sites which disturb over one acre of land to obtain coverage under an NPDES Permit. The previous threshold was five acres. In Washington State, the Department of Ecology has NPDES permitting authority, except on federal and tribal land. Ecology has developed a statewide General Permit to efficiently regulate a large number of sites which would otherwise require a site-specific individual permit. Currently, over 1,800 sites are covered under the General Permit.

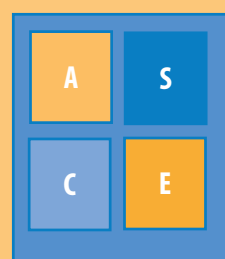
The General Permit requires the development and implementation of a Stormwater Pollution Prevention Plan (SWPPP) which details the erosion and sediment control Best Management Practices (BMPs) used to protect water quality during the construction phase. Stormwater BMPs must be chosen from Ecology's Stormwater Management Manuals, or an equivalent manual, and be modified as necessary to prevent violations of state water quality standards.

The General Permit implements new provisions of the State Water Pollution Control Act (90.48 RCW) which require monitoring and adaptive management. This includes weekly site inspections and limited stormwater monitoring. Inspections must be conducted by a Certified Erosion and Sediment Control Lead

(CESCL). If stormwater is discharged off-site, sampling must be conducted to determine the turbidity of the water. If turbidity exceeds a 25 NTU benchmark value, appropriate corrective actions must be taken and

documented in the SWPPP. Monitoring data must be submitted to Ecology on a monthly basis. Upon the completion of construction and final site stabilization, the General Permit may be terminated. ■■

*Jeff Killelea* is a General Permit Writer with the Department of Ecology's Water Quality Program. He is the technical and policy lead on the Construction Stormwater General Permit and the Sand and Gravel General Permit programs. He oversees the Certified Erosion and Sediment Control Lead program for construction site inspectors. Jeff is also technical lead on construction Site Best Management practices for Ecology's Stormwater Management Manuals for Eastern and Western Washington.

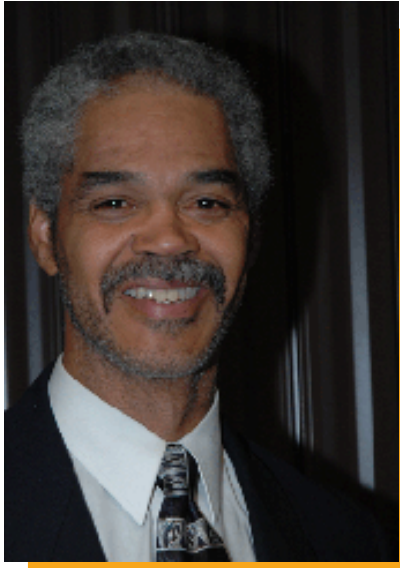


Civil Engineer Newsletter is published monthly from September to May for the Tacoma/Olympia Sections of the American Society of Civil Engineers.

To submit ads or articles of interest please contact the President or the Editor. Information must be submitted not later than the 15th of the month to be included in the next publication.

Engineers Make  
The Difference—  
They Provide  
the *Quality* of Life!

## President's Corner with Michael Hale



**Michael Hale P.E.** has worked for the City of Tacoma Public Works Department for the past 12 years. He is Assistant Division Manager of the Construction Division.

I want to open this letter by wishing everyone a Happy New Year. It is also my hope that everyone has had an enjoyable and blessed Holiday season. It seems to come and go so quickly.

But with its passing and the year ending, comes the hope, the anticipation, the opportunity, excitement, and the optimism that the New Year has to offer us all, in both our personal and working lives.

The **month of December** did not pass by quietly and continued the trend of unusual weather in the Pacific Northwest. The wind/rain storm we had the 3rd week of the month certainly presented its challenges when it took out power to over a half a million citizens and businesses. Although at first glance, it may seem to be only a power (electrical) problem, it was much more. Homes, businesses, wastewater treatment plants, factories, medical clinics, health facilities—the list goes on—were greatly impacted. It again was a reminder of how prepared we need to be to handle hazardous situations. Civil Engineers have the opportunity to evaluate what transpired and offer suggestions and develop methods of building the facilities and appurtenances, which provide our power, so that they can be more resilient when such events occur. It is apparent that there is a need to be able to provide services such as shelter, food, and medical on a temporary basis in this type of circumstances.

We had a great **Joint Section Meeting with our colleagues from the Seattle Section in December**. The turnout was good and the program was interesting. It was good to interact with people we knew as well as with those we hadn't met before. We were also given an update on the Seattle Alaska Way Viaduct evaluations—indicating that it was not economically feasible to rehabilitate the existing structure.

The **Annual Joint Societies Meeting**, hosted by St. Martin's University is coming up in February. We hope many of you and your co-workers will come out and show support for the Tacoma/Olympia ASCE Section.

It was briefly mentioned in the November Newsletter, that the Seattle Section is serving as the lead in preparation of the **Continuing Education Units (CEUs)/ Professional Development Hours (PDHs) for Engineers in the state of Washington** to be taken before the State Legislature. It being proposed that this be done sometime in 2007, so that it can go before the 2008 Legislative Session. This poses a significant change to the requirements that presently exist for Engineers for renewing and maintaining their licenses, in Washington at least. We will take this opportunity to gather as much information as possible on this matter, so that as we move forward we reflect the engineering profession in the way we want it to be portrayed. The Seattle section will be contacting all of the various engineering societies, organizations, businesses, etc., to get your

input. The Tacoma/Olympia Section has been asked to provide input as well. Our board would like to get your thoughts regarding this matter. You can send them to any of our board members, at the addresses provided in this newsletter.

This December our country lost one of its former Presidents: Gerald Ford. For those of us who remember him and those who didn't know him, he was a man who became this country's Leader, in a time of much distrust, disappointment, controversy with our government. President Ford, was a man of integrity, honesty and a care for the American people, who took on the challenge leading America through its troubled time, by restoring the honor, the pride, the trust, the light and the hope that America needed at that time. May we all remember President Ford and his family at this time.

I hope to see many of you at our Section Meeting this month. It will prove to be a very interesting and applicable program to many, I am sure. Let's get the New Year off to a good start, by becoming an active part of our ASCE Section.

Thank You and Happy New Year to all

Michael Hale

2006-2007 Tac/Oly Section President

### See Your AD Here!

#### Advertise in our newsletter!

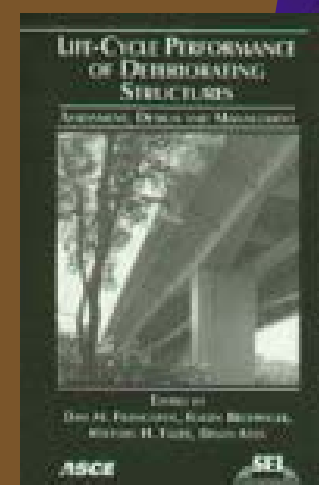
Post a business card sized ad in our newsletter for \$200 per year. **Interested?**

Contact:

**Michael Hale...253.591.5766**  
[mhale@cityoftacoma.org](mailto:mhale@cityoftacoma.org)

### ORDER BOOKS ONLINE

A free monthly new book e-update is available! By subscribing to this service you will receive the latest information on ALL new ASCE and Thomas Telford publications. Interested? Subscribe now by sending an email to [\\_asweetser@asce.org](mailto:_asweetser@asce.org) (<mailto:asweetser@asce.org>) with "monthly new book update" in the subject line.



## Section Calendar



Section Meetings are open and held once a month, September through May. Meetings are **generally held** on the **second Tuesday** of the month. Locations alternate between Tacoma and Lacey, and times vary between lunch and dinner meetings.

\* **January 9, 2007** - Lunch Meeting  
11:00am, Tacoma

\* **February 16, 2007** - Annual Engineering Banquet (Joint Engineering Societies Meeting) Hosted by St. Martin's University ( Worthington Center) Lacey; Evening meeting

**March 21, 2007**

**\*DATE/TIMES/LOCATIONS ARE TO BE ANNOUNCED/VERIFIED**

Local Board Meetings are open and **generally held** the **first Monday of the month** at 5:30pm. Locations vary. Please check the WEB site, this calendar, or contact the president for confirmation.

**Board Meetings:**  
**Monday, Jan. 8**

call **253.591.5766 (Michael Hale)** for location and time

<http://sections.asce.org/tacoly/tacoly.htm>

## TRANSPEED Courses

For a complete list of courses, visit the website at <http://www.engr.washington.edu/epp/Transpeed/index.html> for specific course descriptions and dates. Click on the specific course link to view the course outline, or contact:

**Julie Smith**  
Engineering Professional Programs  
Phone: 206-543-5539  
Toll-Free: 1-866-791-1275

## 2007 Spring Professional Development Short Courses

For a complete description of the course and registration information visit our website <http://www.engr.washington.edu> or call us at: Engineering Professional Programs, University of Washington, phone: 206.543.5539 (fax) 206-543-2352 or (toll free) 1.866.791.1275

\*\*\*\*\*

**Stephanie Strom, Program Mgr:**  
[ssstrom@u.washington.edu](mailto:ssstrom@u.washington.edu)  
(direct) 206-685-9682  
**Stacy Williamson, Prog. Coord.**  
[stacyw@u.washington.edu](mailto:stacyw@u.washington.edu)  
(direct) 206-543-5743

## Continuing Ed

For scheduled seminars in your geographic area are available on **ASCE's website** at [www.asce.org/conted/seminars](http://www.asce.org/conted/seminars).

These in-depth, practice-oriented programs are produced by ASCE's Continuing Education Department and may be of interest to many ASCE members in your Sections and Branches. We would greatly appreciate if you would consider posing information on these seminars in your newsletters and on your websites.

If you have questions or need assistance, please contact:

**Kelly Jarvis**, Continuing Education Registrar at [kjarvis@asce.org](mailto:kjarvis@asce.org) or

**Michael Cook** at [mcook@asce.org](mailto:mcook@asce.org).

### See Your AD Here!

#### Advertise in our newsletter!

Post a business card sized ad in our newsletter for \$200 per year. **Interested?**

Contact:

**Michael Hale...253.591.5766**  
[mhale@cityoftacoma.org](mailto:mhale@cityoftacoma.org)



Tacoma/Olympia Section Board **2007 - 2008**

<http://sections.asce.org/tacoly/html/board.htm>

#### President

**Michael Hale...253.591.5766**  
[mhale@cityoftacoma.org](mailto:mhale@cityoftacoma.org)

#### President-Elect

**Bernie Hargrave**  
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**Wes Jones...253.474.9449**  
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#### Treasurer

**Morris J. "Gus" Fant...253.922.2332**  
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#### Director \* new

**Vince McClure...(360) 438-4323**  
[vmcclure@stmartin.edu](mailto:vmcclure@stmartin.edu)

#### Director (2-year)

**Mustafa Mohamedali...360.705.7589**  
[MohameM@wsdot.wa.gov](mailto:MohameM@wsdot.wa.gov)

#### District 12 Director

**Greg DiLoreto...503.848-3032.**  
[Greg@tvwd.org](mailto:Greg@tvwd.org)

#### Younger Member Chair

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**Don Davis...253.474.9449**  
[DonDavis@sitts-hill-engineers.com](mailto:DonDavis@sitts-hill-engineers.com)

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For address changes/corrections, notify the Editor or the WEBmaster.



### We're on the web!

<http://sections.asce.org/tacoly/tacoly.htm>