

# WILLAMETTE VALLEY APWA LUNCHEON

## INNOVATIVE DESIGN SOLUTIONS for UIC COMPLIANCE

including Eugene's Approach to Addressing UIC Issues



*Speakers: Adam Zucker, PE, CWRE with Vigil – Agrimis  
Therese Walch, PE with the City of Eugene*



Many communities and industries manage stormwater by collecting and discharging it into subsurface facilities such as dry wells. Dry wells are typically classified as Class V Underground Injection Control (UIC) systems and are regulated by state and federal rules.

Mr. Zucker, a senior water resources engineer at the environmental design firm Vigil-Agrimis, Inc. has developed a variety of design solutions for the decommissioning and/or modifications to more than 100 of these UIC systems in industrial areas, residential settings, roadways, and transit sites across the Portland Metro area. Some of the design solutions developed include: modifying the existing UICs to meet regulations, connecting to existing storm sewer systems, constructing subsurface infiltration trenches, and incorporating green streets and other vegetated facilities to manage the stormwater runoff.

Ms. Walch, water resources manager for the City of Eugene, has worked with others at the City and Lane County to develop a stormwater master plan and UIC strategy for River Road – Santa Clara, the area of Eugene where UICs are most prevalent. She is currently representing the City in permit development with DEQ and will coordinate implementation of a new program to replace Eugene's public UICs with a combination of piped and surface infiltration solutions.

This presentation will discuss the planning and engineering associated the decommissioning and/or retrofitting of non-compliant UIC systems. The type of design solution for each UIC is dependent on a variety of factors, including the size of the drainage basin, the type of land use, subsurface conditions, topography, availability of storm system to connect with, as well as input from the community and affected property owners. An overview of Eugene's approach to addressing UIC issues and next steps will also be presented.

### MEETING SPONSORED BY:



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### BUFFET LUNCH

Chinese buffet will include meat options, a vegetarian dish, rice, soup or salad, and soft drink. Cost will be \$12 including gratuity. Please RSVP to email address:

[EugeneAPWALuncheon@ci.eugene.or.us](mailto:EugeneAPWALuncheon@ci.eugene.or.us)

by Monday, April 18, 2011.

**TUESDAY, APRIL 19, 2011**

**Kowloon's Restaurant**

**2222 Martin Luther King Blvd, Eugene**

**11:45 TO 1:00 PM**

THE NEXT LUNCHEON WILL BE JUNE 21, 2011