

# Polymer Valley News

The Newsletter of the Akron Section of the Society of Plastics Engineers  
Our 52<sup>nd</sup> Year of Education and Service to the Plastics Industry

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## Costs, Schedules, Reservations

Member	\$25.00
Guest and Member	\$50.00
Retiree	\$20.00
Student	\$15.00

Cash bar	5:15 p.m.
Dinner	6:00 p.m.
Program	following dinner

Contact Mark Holtman on or before  
Jan. 15 - 330/972-6008  
holtman@uakron.edu

**Coming Up:**

## Technical Meeting

Monday, January 18, 2010  
5:15 p.m.

Tangier Restaurant  
532 West Market Street  
Akron, Ohio 44303  
(330) 376-7171

### "Water Purification via Reverse Osmosis "

By Rick Stumm,  
Technical Sales Representative  
Siemens Water Technologies

**SIEMENS**

#### Outline:

Reverse Osmosis in the Municipal Market  
Description of membrane construction  
Membrane materials polymer, etc.  
Types of membranes Nano- thin film- etc Ultra-filter  
Ultra filtration vs. standard clarifier  
Typical performance of reverse osmosis membrane systems  
Reverse osmosis in the Industrial markets  
1) Power plants  
2) Water based coolant makeup  
3) Boiler feed  
Reverse osmosis in the Healthcare field  
1) Laboratory  
2) Dialysis water systems

See page 2 for  
Mr. Stumm's biography

- Next meeting – Feb. 15
- Board meeting – Jan. 4, 2010, 5:30 p.m. Polymer Eng. Center Conference Room

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## Map to Tangier Restaurant 532 West Market Street Akron, Ohio

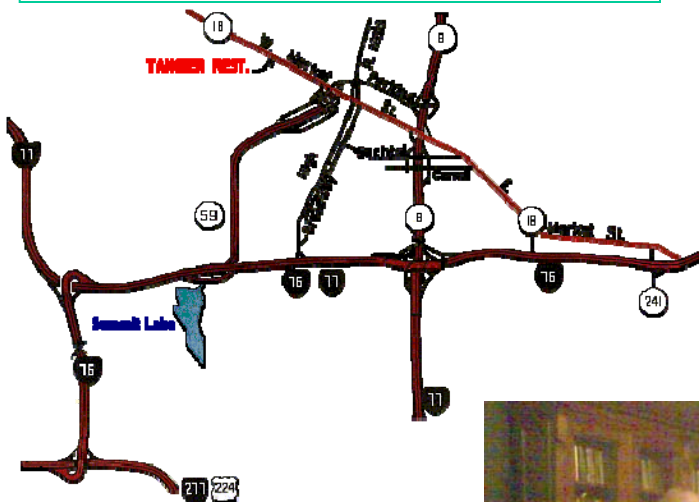
**From North, Cleveland or Cleveland West -** Route 71 South to Route 18 East (Market Street) to Tangier. Or Route 77 South to Ghent Road exit. Turn right onto Ghent Road. Proceed to W. Market Street (Route 18) and turn left to Tangier.

**Cleveland East -** Route 271 South to Route 8 South. Exit at Perkins Street. Turn right onto Perkins Street to High Street. Turn left onto High Street. Proceed to Market Street. Turn right onto Market Street.

**From the South: Canton -** Route 77 North to Perkins Street exit. Turn left onto Perkins Street. Proceed on Perkins Street to High Street. Turn left onto High Street. Proceed on High Street to Market Street. Turn right onto Market Street to Tangier.

**From the East: Youngstown -** Route 76 West to Broadway Street exit. Straight onto Broadway Street. (one way Street North) Proceed on Broadway Street to Market Street. Turn left onto Market Street to Tangier.

**From the West -** Route 76 East or Route 77 South to Route 59 North. Proceed on Route 59 to Market Street exit. Turn left onto Market Street. Proceed on Market Street to Tangier.



## Rick Stumm Biography of Speaker

Siemens Water Technologies  
3712 Commerce Dr. Copley OH 44312  
Office 234 466 6174  
richard.stumm@siemens.com  
Web: www.siemenswater.com

Technical Sales – Job description: Provide water treatment equipment and treatment solutions to the Industrial, healthcare and institutional markets.

Cleveland State University Graduate. Began with US Filter in 1998. Siemens Purchased US Filter in 2004.

## November Meeting



*Speaker Phil Cashen (left), Larry Johnson (middle) and Akron Section SPE President Dave Katz*



*Speaker Larry Johnson*