

# EAST TENNESSEE CHAPTER NEWSLETTER



<http://www.ss-awma.org/east-tennessee.html>



## WINTER 2019

### OFFICERS

CHAIR	Jim Robbins
VICE-CHAIR	Richard Wales
TREASURER	Tom Busmann
SECRETARY	Rich Devin
PAST CHAIR	Wayne Davis & Luther Gibson

Contact Richard Wales (760) 964-0872  
[RTWales2014@gmail.com](mailto:RTWales2014@gmail.com)

### DIRECTORS

- J. Wayne Cropp (2019 – 21)
- Jesse Wilson (2019 - 20)
- Pramodh Nijhawan (2019)

## Election Results

Based upon the recent elections the new East Tennessee Chapter Board Members whose terms end on December 31, 2021 are as follows:

Chair	Jim Robbins
Vice-Chair	Richard Wales
Secretary	Rich Devin
Treasurer	Tom Busmann
Director-at-Large	J. Wayne Cropp - 3 years
	Jesse Wilson – 2 years
	Pramodh Nijhawan – 1 year
Past Chair	Wayne Davis & Luther Gibson

## DSSI Perma-Fix

On February 5 the Chapter met at the Perma-Fix DSSI facility for a plant tour and discussion on how they handle, treat and dispose of low level mixed hazardous waste. The facility receives primarily waste liquids and certain combustible solids which are liquified and blended into a homogeneous fuel. The fuel blends are burned within a high swirl refractory lined burner that discharges directly into a packaged boiler for energy recovery. The boiler steam production is also used to

drive a small turbine generator set for electricity production. The combustion off gas is passed through a comprehensive APCS comprised of a spray dryer/quench, baghouse filter, packed bed scrubber, re-heater, and finally HEPA filters. Brominated PAC is injected up-stream of the baghouse to effectively remove mercury. Material collected in the air pollution control equipment is further treated to stabilize metals and then disposed of off-site. The Chapter thanks both Plant Manager, Kenyon Mee and Rich Devin, Environmental Manager for conducting the tour and Perma-Fix for hosting.

## Future Programs

The Board is seeking topics, speakers and locations (such as Kingston, Johnson City, Oak Ridge, Knoxville, Chattanooga, etc.) for future Chapter Meetings. Please submit your suggestions to any Board Member. Of course, you could always be the speaker.

# **A&WMA International**

A&WMA International 2019 Annual Conference & Exhibition (ACE), 112<sup>th</sup> ACE, will be in Quebec City, Quebec, Canada from June 25-28, 2019. For details go to [www.awma.org/ACE2019](http://www.awma.org/ACE2019).

## **2019 CALENDAR**

### **EAST TENNESSEE CHAPTER**

- Mar 18-20 Booth at the 2019 Tennessee Environmental Conference in Kingsport, [www.tnenvironment.com/](http://www.tnenvironment.com/)
- May 9 Joint Dinner with ACS, AIChE & SPE on "Ethics" speaker Mark Swientoniewski at the Rothchild's Conference Center, Knoxville
- May 15-17 Booth at the 2019 Environmental Show of the South in Chattanooga. <https://www.tn.gov/environment/program-areas/solid-waste/sw-environmental-show-of-the-south.html>
- TBA Chapter Meeting

### **SOUTHERN SECTION**

- Sept 11-13 <http://www.ss-awma.org/>  
Callaway Gardens. Hoisted by the Georgia Chapter

### **A&WMA INTERNATIONAL**

- <https://www.awma.org/>  
[https://www.awma.org/calendar\\_list.asp](https://www.awma.org/calendar_list.asp)
- Apr 1-4 Air Quality Measurement Methods and Technology Conference
- Apr 12-14 Leadership Training Academy
- June 25-28 112<sup>th</sup> Annual Conference & Exhibition in Quebec City "Winds of Change"  
[www.awma.org/ACE2019](http://www.awma.org/ACE2019)

## **Meet a Board Member**

### **RICHARD WALES**

Air Quality Engineer – Retired

I earned a Bachelor of Science Degree in General Engineering with a specialty in Thermal and

Environmental Engineering from Southern Illinois University at Carbondale (SIU-C) in 1971. I also attended graduate school. I became a Registered Professional Engineer (PE) in 1978 and a Qualified Environmental Professional (QEP) in 1996.

I have more than 40 years of experience as an environmental engineer in the field of air pollution control. As an Air Quality Engineer with the Mojave Desert AQMD in Victorville, CA between 1986 and 2011, I was responsible for the criteria and toxic inventories, permitting, and both the California and Federal Air Toxic Programs. During my seven years with Allis Chalmers, I was responsible for the air handling system for hot mix asphalt plants. I worked in both the Milwaukee and Madison district offices of the Wisconsin Department of Natural Resources for six years as an environmental engineer.

I joined A&WMA in 1974. I was a charter member and Secretary/Treasurer for many years of the Mojave Desert Chapter of the Air & Waste Management Association (A&WMA). I also had a term as Vice-Chair, Chair and Past-Chair. To promote environmental awareness and education, I was instrumental in the formation of two student chapters within the Southern California area. Also, I was a Board member and Treasurer of the West Coast Section of A&WMA.

My goals for the East Tennessee Chapter are to see it become a vibrant and active Chapter, with 4 to 6 Chapter meeting per year. I would like to have Chapter meeting in different area of the Chapter. I would be nice to hoist meeting in Kingsport, Johnson City, Chattanooga, Oak Ridge, etc. To have joint meeting with other professional associations, such as American Chemical Society (ACS); American Institute of Chemical Engineers (AIChE); Society of Professional Engineers (SPE); etc. I strongly believe the Chapter needs to support Student Chapters and Young Professionals since they are the future of A&WMA. I hope that during my 3 years on the Chapter Board I can mentor other members in learning what it means to be a Board Member and want is next to keep the Chapter going and growing. In the words of a former Pastor "If your job is worth doing you should be training your replacement."