

# In The Air

The Clean Air Partner Newsletter



## CLEAN Air Force Partners with Thrival School for New Partner Resource

October 2013

Mobile work provides a myriad of benefits to companies, such as building morale and employee retention, and has a positive impact on both work productivity and air quality improvement. Recently Stanford University published the preliminary results of a study it conducted on the benefits of a telework program. The study compared a group of employees allowed to work from home with a control group of people who were required to stay in the office.

The result? The study showed that the telework group outperformed the in-office group by a wide margin -- about 15% -- and not just in aggregate work performed, but also in overall quality of the output. Not only were workers more productive per unit of time, but they worked longer hours, suffered fewer sick days, and had less overall attrition.

Starting a mobile work program, no matter how large or small your company is, can make a significant impact on your bottom line and our region's air quality. Please visit this link customized especially for our Clean Air Partners by Elizabeth Frisch of Thrival School, a company that helps other companies create mobile work programs or improve their current mobile work programs:  
<http://www.cleanairpartnerstx.org/Trip%20Reduction%20Strategies%20for%20Businesses.pdf>.

Thrival School offers training, performance assessments, team building events, and much more. Elizabeth can be reached by email at [elizabeth@thrivalschool.com](mailto:elizabeth@thrivalschool.com) or by phone at 512.481.2123. Please visit their website (<http://thrivalschool.com/>) to learn what Thrival School can do for your company!



### Newsletter Highlights

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Keep up with the latest air quality news!



# Clean Air Partners Networking Happy Hour at Eddie V's

As a thank you to our Clean Air Partners who submitted their 2012 data, both new and prospective Partners enjoyed delicious food, drinks and some clean air camaraderie on September 26th at the Eddie V's in the Arboretum.

We are looking forward to next year's event!

Michele Van Hyfte (far right) of Seton Network Facilities makes a toast to our award-winning Clean Air Partners Program!



Attendees enjoy a fun evening of great conversation and networking at the Clean Air Partners Happy Hour!



## 3-Year Ozone Average for the 5-County Region of Bastrop, Caldwell, Hays, Travis and Williamson

### Ozone Season Update 10/24/2013

**EPA Revised Ozone Standards expected in 2014**

2011		2012		9/25/2013	
73	+	76	+	74	=
				9/23/2013	
				73	
				7/5/2013	
				72	
				5/13/2013	
				70	
		3			

2013 Ozone Season Design Value: The 3-year average of the 4<sup>th</sup> highest reading at the prevailing monitor (Audubon)

Current 2011 - 2013 Design Value =

**73 ppb**

Number rounded DOWN to nearest 2 significant digits

## Clean Air Partner Spotlight

### Samsung Achieves ISO 50001 Certification!

Congratulations are in order for Samsung as they recently reached an incredible milestone by becoming the first semiconductor manufacturer in North America to achieve ISO 50001 Certification.

#### What is ISO Certification?

The ISO 50001 Standard is a proven approach for U.S. industrial and commercial facilities to plan, manage, measure, and continually improve energy performance. This powerful new standard from the International Organization for Standardization (ISO) provides an internationally recognized framework for organizations to voluntarily implement an energy management system (EnMS). "Energy" encompasses electricity, natural gas, and diesel usage.

#### How was it achieved?

November 2012 – May 2013: Implementation of the Energy Management System at Samsung Austin Semiconductor (SAS)

- Development of SAS Energy Policy
- Inter-departmental collaboration to examine energy-saving opportunities between manufacturing process engineers and facilities engineers

Main significant energy use objectives:

- Multiple projects to reduce natural gas and energy usage of burn/wet scrubbers (abatement system)
- Install VFDs for cooling tower fans
- LED lighting installation

## Williamson County's Proactive Efforts for Air Quality

One of our Clean Air Partners, Williamson County, will be performing structural repairs on the parking garage at the Justice Center Complex in Georgetown. The contract for the repairs was awarded to Southwest Construction. On request by Williamson County, the contractor has agreed that the project will have no anticipated impact on the air quality for Williamson County as it relates to any state, federal or voluntary air quality standard.

Thank you Williamson County for taking that extra step to award bids to green contractors. Every effort counts!



Jessie Warhoe

Environment,  
Health and Safety

Samsung Inc.



#### What does it mean for Samsung?

- Demonstrates a commitment to reducing energy requirements
- **1<sup>st</sup> semiconductor manufacturing site in North America to gain ISO 50001 certification**
- Goal of 4.1% energy reduction for 2013

#### Additional Clean Air Efforts

- SAS is always looking for cutting-edge opportunities to reduce energy consumption. One manner in which they are doing this is by incorporating more efficient, less LNG consuming abatement technology.

