

## *2014 Pollution Prevention (P2) Awards Luncheon*



L-R: Austin Butcher – CertainTeed, John Mitchell – KDHE, Janet Lynch – CertainTeed, and Pat Reeves - CertainTeed

### *P2 Award with Distinction Recipient*

**CertainTeed Corporation, Siding Products Group, McPherson Kansas (CertainTeed)**, is a building material company. The McPherson plant is being awarded the Pollution Prevention Award with Distinction for its efforts to conserve water, reduce pollution, and save energy.

- They converted the manufacturing facility's chilled water system from a closed-loop, water-cooled system to a closed-loop, air cooled system. The volume of water conserved as a result of this project is approximately 150,000 gallons of water per month (approximately \$3,000 per year). This has allowed CertainTeed to reduce its municipal city water consumption by 46% since 2012.
- They also eliminated water bottle waste by implementing a drinking water delivery project. Dispensers were installed at direct points of service throughout the facility versus the former system of providing bottled water to employees. This project resulted in the reduction of 3,400 lbs of plastic beverage bottled waste from 2012 to 2014.
- Furthermore, they replaced the bulbs and lighting fixtures in their distribution center with energy efficient T5 high output fluorescent bulbs, coupled with motion sensors to automatically turn lights on and off in response to varying warehouse area activity. The replacement project involved four bulbs per lighting fixture with the added motion sensors. The introduction of the T5 high output fluorescent bulbs has saved approximately 200,000 kWh per year (\$10,000 annually) with a payback period of two years.

*Congratulations to our 2014 P2 award recipient!*

*Learn more about these projects and the Pollution Prevention Awards by visiting [http://www.kdheks.gov/sbcs/p2\\_pollution\\_prevention\\_awards.html](http://www.kdheks.gov/sbcs/p2_pollution_prevention_awards.html).*