



The Fourth Annual W. Wesley Eckenfelder Lecture Series

**Tuesday, June 3, 2014 - 9:00 A.M. - 3:00 P.M.
Hornsby Bend Biosolids Management Plant**

The Eckenfelder Lecture Series was developed to honor Dr. W. Wesley Eckenfelder's distinguished career as an environmental trailblazer spanning more than 60 years, during which time he taught and trained thousands of graduate students and professionals in the art and science of wastewater treatment. This year WEAT is proud to present lectures by several key professionals and academics sharing the same pioneering spirit as Dr. Eckenfelder, including Dr. Joseph Malina, Dr. Wendell Khunjar, Jim Fisher, and Lynne Moss.

Exploring Resource Recovery and Energy: New Technologies and Alternative Revenue Streams

Wastewaters are increasingly being viewed as a renewable resource whereby value added products can be extracted and reused. Please join us for the Fourth Annual Eckenfelder Lecture Series where we explore the world of Energy and Resource Recovery. Our program includes the latest WERF research –Nutrient Recovery in the Global Water Industry. WERF selected Hazen and Sawyer and CH2MHILL in a consortium with 4 universities, 7 technologies providers and 16 utilities to oversee research into emerging resource recovery technologies. Dr. Wendall Khunjar of Hazen and Sawyer and Jim Fisher with a CH2M HILL will present their findings on options to produce energy consumption, improve treatment efficiency and provide utilities with alternative revenue streams.

- 8:00 am – **Registration**, Continental Breakfast, Coffee
- 9:00 am – Welcome by **Steve Coonan** – WEAT President
- 9:10 am – **Blazing a Resource Recovery Trail: Hornsby Bend Biosolids Management Plant** – **Jody Slagle**, Austin Water Utility
- 9:30 am – **Nutrient Recovery in the Global Water Industry** – **Dr. Wendell Khunjar**, Hazen and Sawyer and **Jim Fisher**, CH2MHILL
- 10:30 am – Break
- 10:40 am – **Biosolids Management Alternatives** – **Dr. Joseph Malina**, University of Texas at Austin
- 11:20 am – **Anaerobic Co-Digestion of Grease Trap Residuals: Opportunities and Limitations** – **Sedat Yalcinkaya**, The University of Texas at Austin
- 12:00noon – Lunch
- 1:00 pm – **Enabling the Future: Advancing Resource Recovery from Biosolids, V2** – **Lynne Moss**, CDM Smith
- 1:45 pm – Break
- 2:00 pm – **Panel Discussion**; led by **Dawn Anderson** with panel participants including – **Buster Fichera**, **City of Fort Worth**, **Jody Slagle**, **Austin Water Utility**, **Bill Tatum**, **Trinity River Authority**, and other major utilities in Texas Utilities
- 3:00 pm – Adjourn

A continental breakfast and lunch will be provided. 4.0 hours of Wastewater CEUs have been requested through TCEQ

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