

Benefits and Challenges of Industrial Reuse Including Using Potato Processing Wastewater for Land Application

Abstract: This session will describe the benefits and the challenges of using treated potato processing wastewater on several thousand acres under irrigation. J. R. Simplot Company has screening, primary clarifier and an anaerobic digester for treatment of processed wastewater that then discharges to the land treatment system. Discussion will also include collecting and reuse of the digester gas to operate processing facility boilers.

Wastewater Professional CEUs are available from Idaho Bureau of Occupational Licensing for this session.

Presenter: **Al Goodman, P.E.**
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Professional Background: Al Goodman is a Principal with CDM Smith, a consulting environmental firm with 5,400 employees and 125 global offices and is based in their Louisville, KY office. Al has 40 years of experience in wastewater treatment processes, including design, operations, construction, troubleshooting and expert testimony. Al is a Professional Engineer, certified Industrial and Municipal Wastewater Treatment Operator, degreed chemist and licensed plumber.

Al is Past President of the Water Environment Federation (WEF) and has provided over 200 presentations and chaired over 14 environmental committees and organizations. He has been lead on several major water reuse projects, including the large water reuse project creating equivalent to drinking water quality flows for food processing for Simplot in Caldwell, ID and Frito-Lay in Casa Grande, AZ.