

Mobile Reclamation System - Toilet to Tap in <17 hours

E3 Water, LLC (E3W) Submission – Cover Page



Notice of Restriction on Disclosure and Use of Data

Pages 13-14 of this document may contain trade secrets or or disclose any information that is not appropriately marked or otherwise restricted, regardless of source. [End of Notice] commercial or financial information that is privileged or confidential and is exempt from public disclosure. Such information shall be used or disclosed only for evaluation purposes. The government may use

About us

Our Vision: Change the world through water re-use

Our Mission: Design and integrate innovative solutions that dramatically improve the quality, availability, and sustainability of water, so that we will help communities thrive and shift the way the world thinks about water and wastewater treatment.

Key Project Members

- Ken Roberson – Founder & CEO
(<https://www.linkedin.com/in/e3global/>)
- Chris Horn - Technology, Automation
(<https://www.linkedin.com/in/chris-horn-536a9512/>)
- Jeff Bresee – Civil Engineering
(<https://www.linkedin.com/in/jeffbresee/>)
- Dan Smith - Electrical and Chemical Engineering
(<https://www.linkedin.com/in/daniel-smith-2589b366/>)

Operating out of Austin and Ft Worth, Texas

Proposed Solution:

Our **approach to biological wastewater treatment** can

- produce virtually *any quality of waste effluent* to be discharged from the process, at the specification of the end user;
- be **mounted free standing or mobile** and **scalable to any size/volume requirement**.



Our solution is a portable, unitary, non-biological sewage treatment and water reclamation system adapted to be moved without disassembly on national and state highways between temporary sites, and capable of processing any volume/flow rate of biologically charged wastewater to drinking water standard in under 24 hours.

Key benefits over traditional WWTP:

- Processed water retention of 95% (vs 35%)
- Less set-up time (days vs months/years)
- Less real estate (1/30th less footprint)
- Reuse options include varying degrees of sterile and/or nutrient enriched effluent and sludge (e.g., Toilet to Tap, Sterile Sludge...)



Patents issued or pending in 118 countries worldwide and can produce direct **re-use** effluent water from biologically charged wastewater from cities, ships, or industries