

EMERGING TECHNOLOGIES

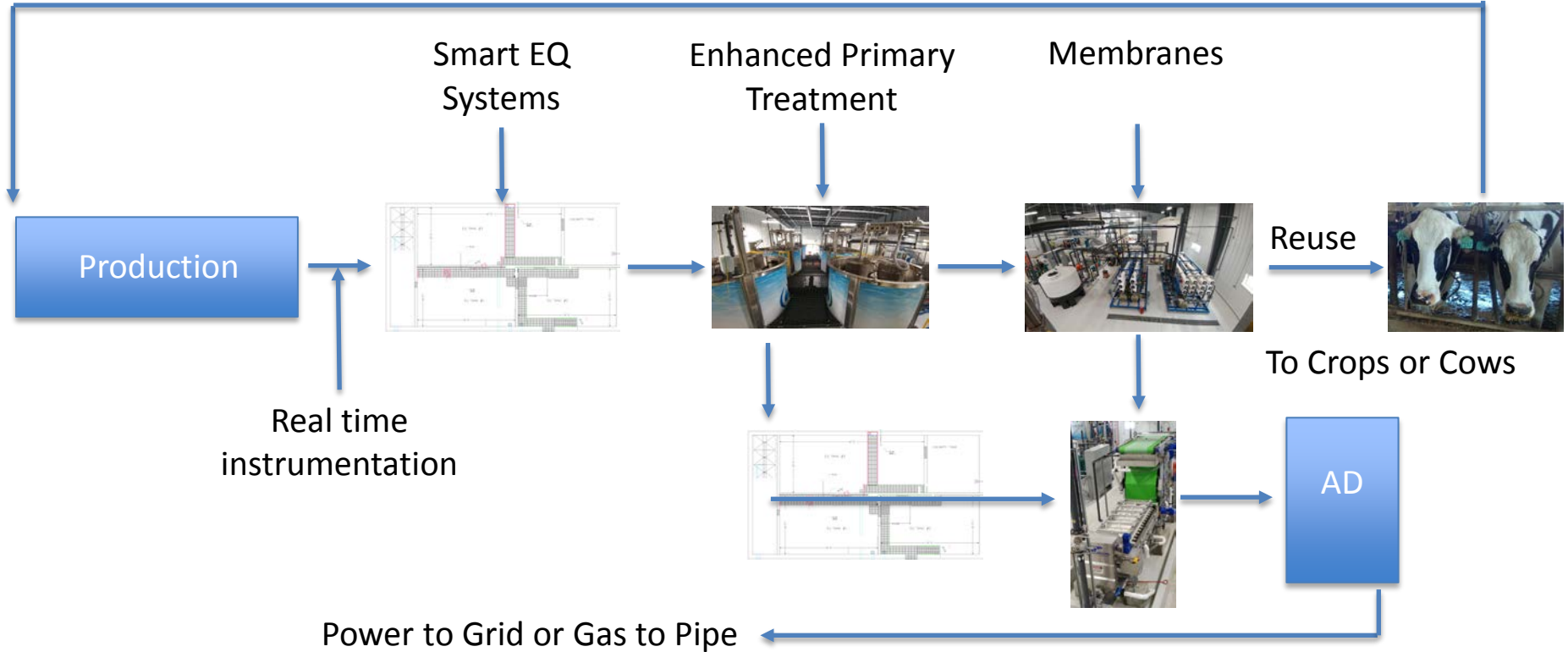
WATER RECYCLING SYSTEMS

TERRY WRIGHT
FOUNDER & CTO

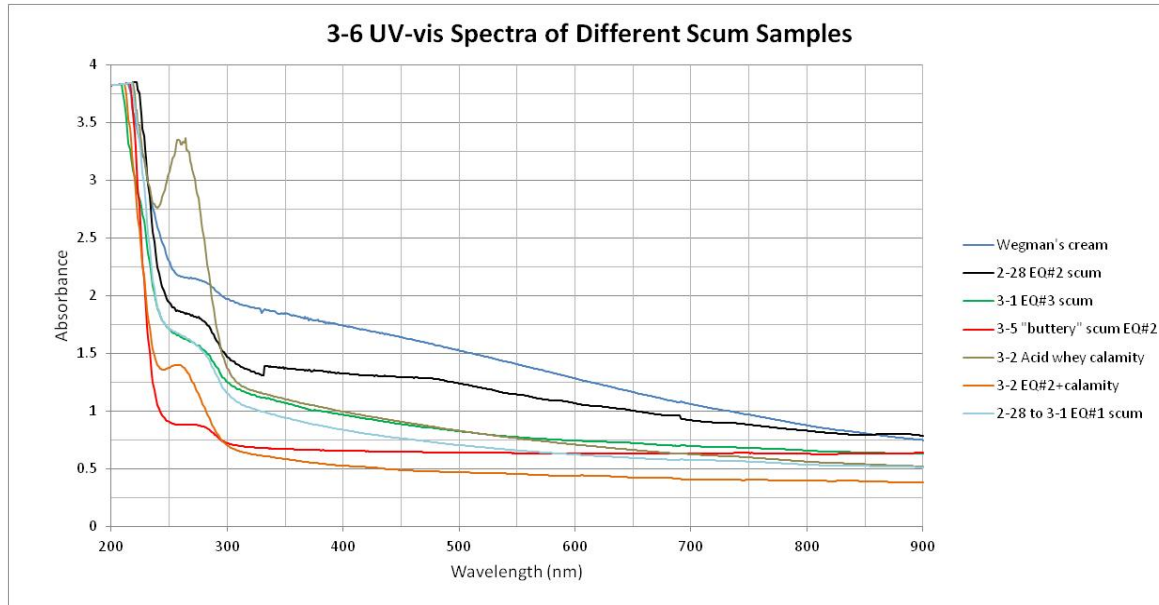


Overview of Emergence

Milk To Creamery or Cheese Plant

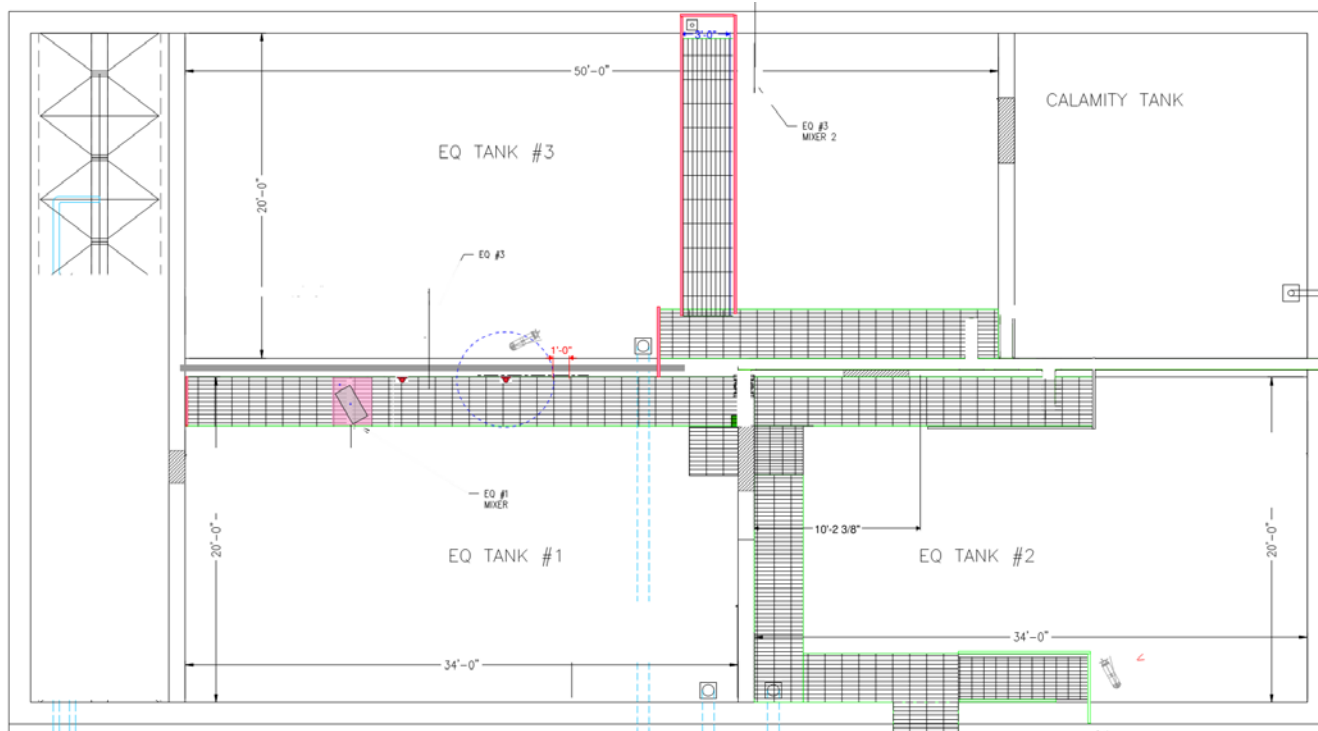


Real time instrumentation to know what you're treating



Improves efficiencies and chances of success

Segmented EQs stabilize treatment processes



Improves efficiencies and chances of success

Removal of solids allows effective use of membranes



Membranes;

- Create fractionation opportunities such as nutrient recovery
- Remove nutrients
- Remove organics
- Pathogens
- Create reusable water
- Create high organic reject for ADs
- No biological upsets
- \$2B / yr in R&D



Dewatering of solids and replacement with RO Reject provides high strength fuel to an Anaerobic Digesters



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