SWRCB Co-Digestion Capacity Analysis for California POTWs

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SWRCB’s Climate Change Resolution seeks action to mitigate & adapt to impacts

STATE WATER RESOURCES CONTROL BOARD
RESOLUTION NO. 2017-0012

COMPREHENSIVE RESPONSE TO CLIMATE CHANGE

Adopted March 2017

• DWQ & Regional Water Boards to support development and implementation of ARB’s SLCP Reduction Strategy
  - DWQ to collaborate with Regional Water Boards, ARB, CalRecycle, and California Department of Food and Agriculture, to assess opportunities for reducing methane emissions from landfills through organic waste diversion, and co-digestion at existing or new anaerobic digesters, or through composting, while achieving water quality objectives.
SWRCB Co-Digestion Capacity Analysis of CA Municipal Wastewater Treatment Plants

• Purpose:
  “Enable the Water Board to work with wastewater agencies, local governments, community members and other stakeholders to inform approaches to better coordinate and cost-effectively maximize organic waste diversion from landfills, co-digestion at wastewater treatment plants, and beneficial biogas and biosolids utilization.”
All tasks are underway & the analysis is scheduled to be complete by June 2019

1. Estimate food waste disposal in 2025 and 2030 - COMPLETE
2. Assess existing capacity without rehab/modifications
3. Assess capacity in 2025 & 2030 without & with rehab/modifications
4. Assess methane emissions
5. Additional Topics:
   - Investigate opportunities and barriers at small- to medium-sized facilities
   - Examine pilot/demonstration facilities that have already operated
Questions?