

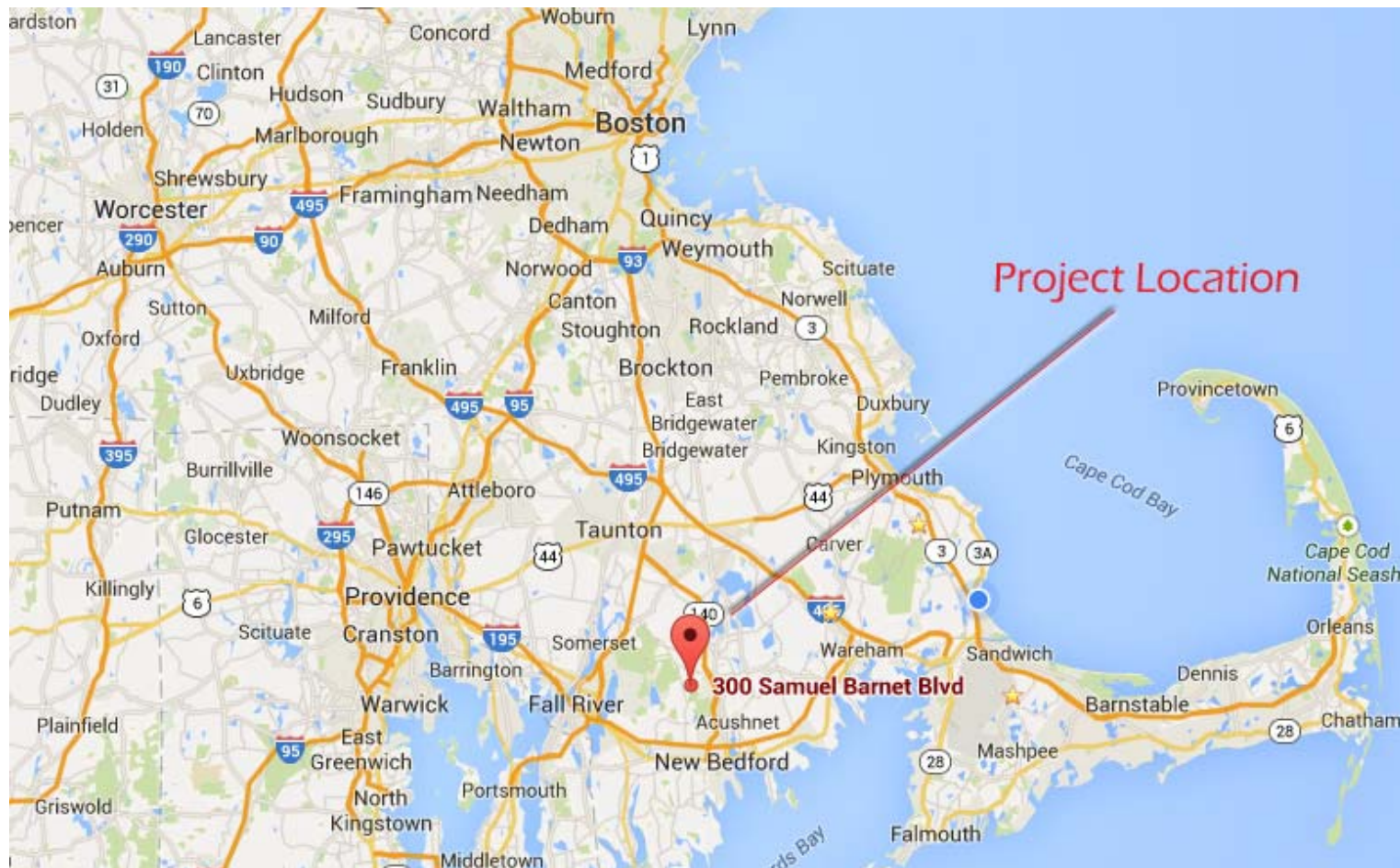
# **CRMC Bioenergy Facility Reflections on Successes & Challenges**

**Presentation at  
Environmental Business Council of New  
England, Inc.  
Solid Waste Management Program  
Thursday, November 12, 2015**

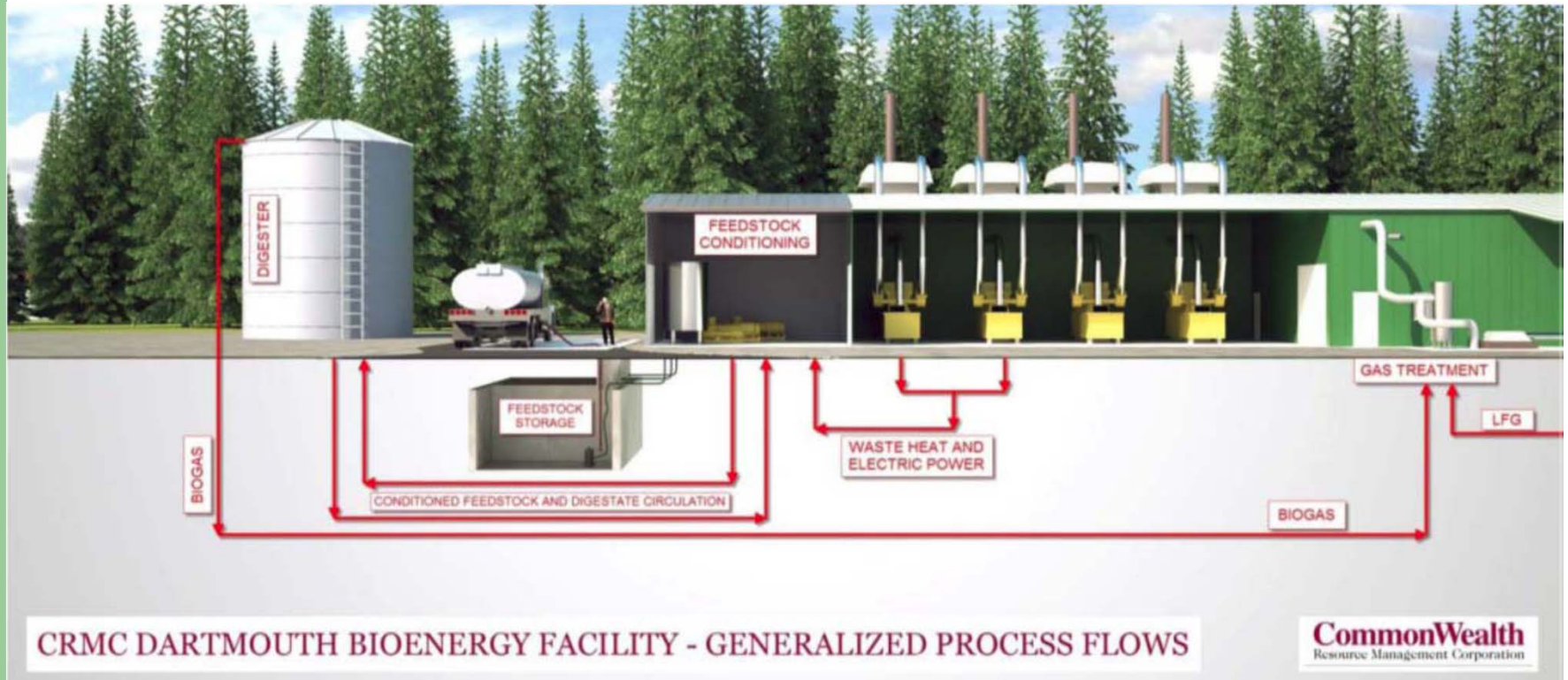
**CommonWealth**

Resource Management Corporation

## CRMC Bioenergy Facility: Location



# Integrated system



## CRMC Bioenergy Facility

Front View: CRMC Bioenergy Facility and CNBE LFGTE Facility



## CRMC Bioenergy Facility View of Receiving Area, Process Building, LFGTE Facility and Landfill



**CRMC Bioenergy Facility**  
**Side View of Digester, Receiving Area, Process Building**



# Receipt of pumpable SSO



# Screening of SSO





# Screening of SSO



## First Phase Anaerobic Digester Facility and Operation

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Completed 1<sup>st</sup> full year of operation. Accomplishments include

- Processed over 1 million gallons of pumpable SSO
- Aggregated pumpable SSO direct from sources and through liquid waste haulers
- Worked with technology vendors and sources of SSO to depackage and slurry at source
- Determined limits of anaerobic digester throughput
- Determined quantities of biogas generated by digester
- Determined incremental components required to build and operate at final commercial scale

## Next Steps to Final Phase

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- Add capability at final commercial scale facility to
  - Accept Bulk and Packaged SSO
  - Depackage SSO contained in packages
  - Further process bulk SSO into a pumpable slurry
  - Screen pumpable slurry with continuous automated removal of contaminants