EAST BAY MUNICIPAL UTILITY DISTRICT

# Food Waste Pre-Handling and Pre-Processing for Anaerobic Digestion at the East Bay Municipal Utility District's Wastewater Treatment Plant

Digesting Urban Organic Residuals Forum

May 30, 2012

# Source-Separated Food Waste

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# Recology Trommel Screen

# Trommel Screen

# Magnetic Belt

# Metals Bin

# Hammer Mill Grinding

# Pre-Processed Food Waste

# EBMUD Facility 2004

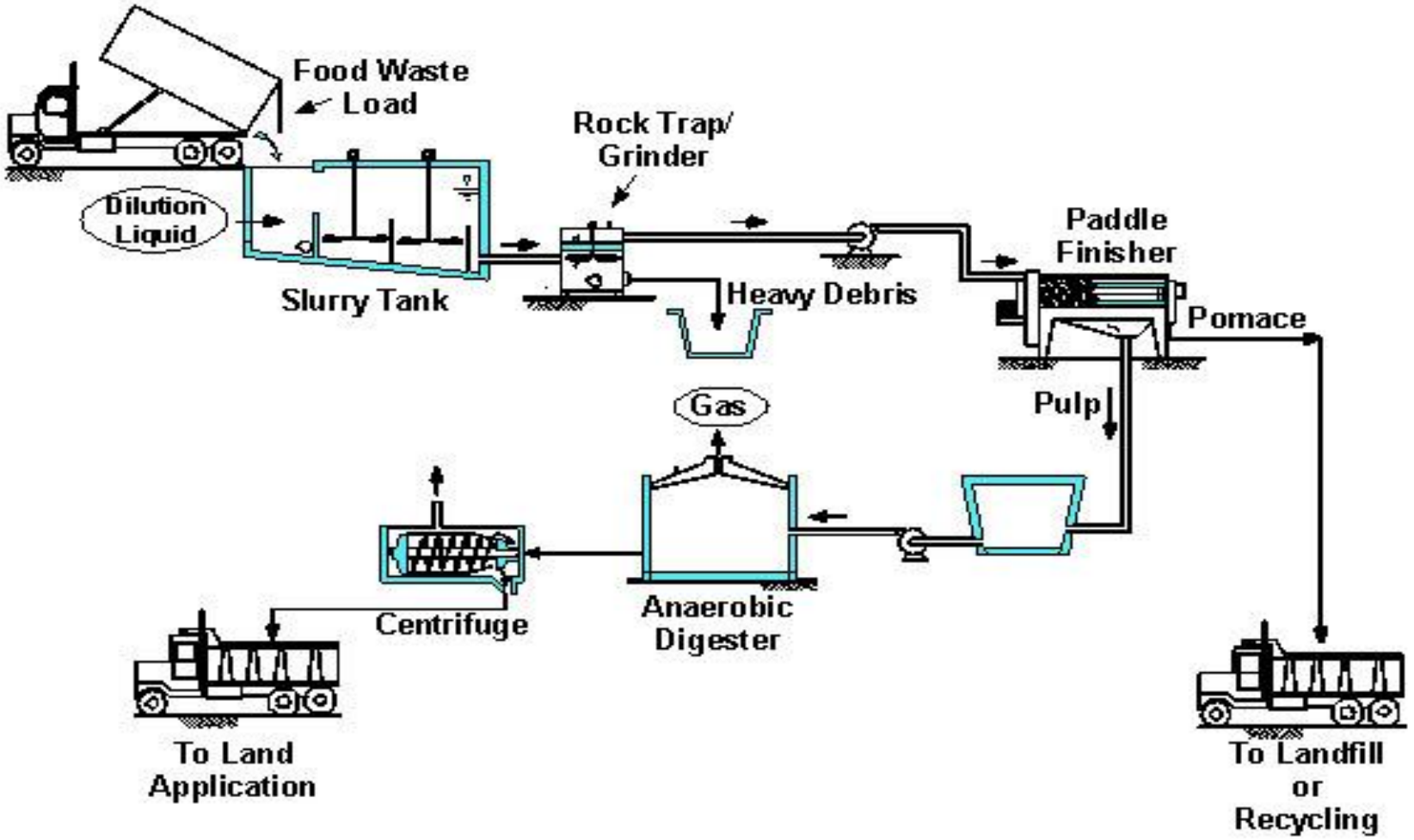
# Receiving Pre-Processed Food Waste Load at EBMUD

# Food Waste Load Delivered

# Food Waste Delivered to EBMUD

# From Food Waste Moyno Pump

# EBMUD's Patented Food Waste Recycling Process



# Pulp and Pomace

# Source-Separated Food Waste Program for Anaerobic Digestion

# CCCSWA Anaerobic Digestion Program

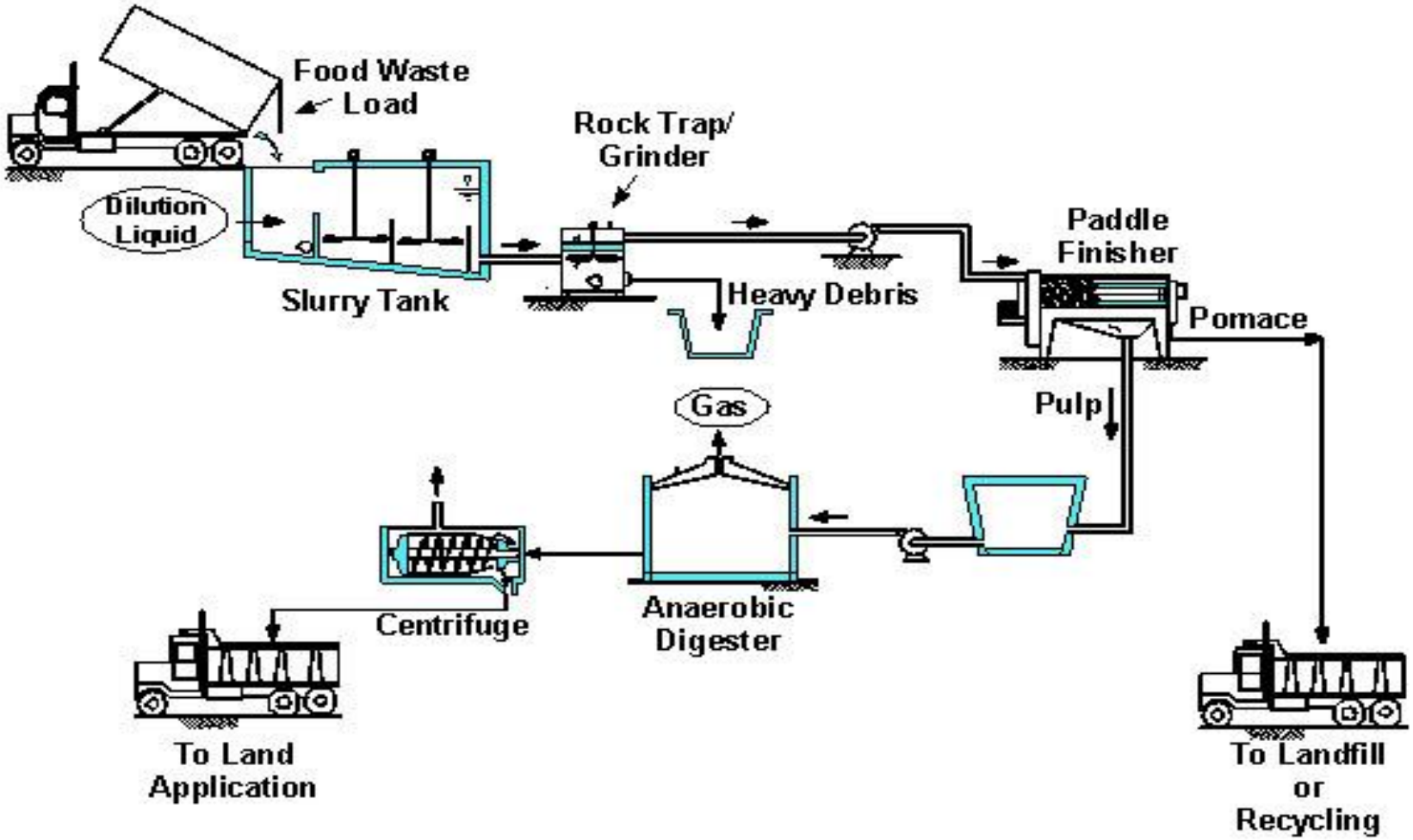
# Signage and Bin in Restaurant

# AD Source-Separated Food Waste

# AD Food Waste Delivered to EBMUD

# CCCSWA Food Waste Delivery

# EBMUD's Patented Food Waste Recycling Process



# Paddle Finisher Discharge to Truck

# Paddle Finisher Operation

# Paddle Finisher Operation

# Common Food Waste AD Myths

- No pre-processing is necessary
- No grit in food waste
- No cost to produce usable energy from digester gas
- No residuals from food waste AD
- If there were residuals, no dewatering polymer is required

# Questions ?

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