

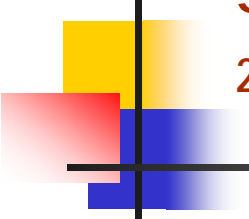
# Cafeteria Food Waste Management



# Saint Paul Public Schools

Second Largest School District in Minnesota

2007-2008

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- \* **40,000 students - over 70 languages & dialects**
  - \* **70 owned and 16 leased facilities - over 6,500 faculty & staff**
  - \* **14,153 Breakfast and 29,551 Lunches served every school day**
  - \* **7,648,243 meals served in a school year**

# What We've Learned Since 2003



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- The CEC is an economic incentive (53% County and 17% State)
- Food waste is the low hanging fruit & easy
- Many have been managing food waste for years
- Livestock feeding is a strategy proven to reduce costs.



# Saint Paul Public Schools

## Livestock Feeding Launch

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- \* **District-wide plan**
- \* **School implementation plan**
- \* **Educational DVD for students, staff & faculty**
- \* **School food waste recycling coordinator**
- \* **County staff assistance**



# Saint Paul Public Schools

## District-Wide Plan

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### \* Inform, educate & persuade

- Area superintendents & principals
- Head building engineers
- Cafeteria supervisors

### \* Logistics

October 06 - May 07

21 weeks to launch 46 schools

Route density

October 08 - January 09

Nine secondary buildings



# Saint Paul Public Schools

## School Implementation Plan

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- \* **VIP Meeting**
  - Cafeteria layout**
  - Transportation specifications**
  - Garbage volume surveys**
- \* **All-Staff meeting's and/or All-School assembly's**
- \* **Week 1**
  - County staff assistance**
  - Student participation**
- \* **“Right size” garbage services**

# Materials



# Saint Paul Public Schools

## Accomplishments to Date

School Year 2007-2008

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- \* Implemented livestock feeding at 50 schools, an ALC center; and will begin secondary implementation in the fall of 2008 (9 more buildings)
- \* 16,419 Barrels were picked up = 1,519 tons of food waste was diverted from the trash



# Continued Accomplishments

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- 16 Schools started recycling cans
- 6 schools started recycling cardboard
- 5 schools improved mixed paper and cardboard recycling
- 1 school improved mixed paper recycling



# Dollars and Cents Accomplishments

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- Garbage Dumpster and Compactor disposal costs reduced by approx. \$110,315 per year
- Continued cost savings with 2008-2009 Secondary Implementation
- Continue with Energy Efficiency efforts and Reduce, Reuse Recycle ideas throughout SPPS



# Saint Paul Public Schools

## Operational, Health & Safety Benefits

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- \* Improves workers safety
- \* Improves labor efficiencies
- \* Increases cleanliness of operations
- \* Reduces odor, flies & wasps
- \* Improves inventory management
- \* Eliminates the use of garbage disposals & the sanitary sewer system



## Question/Answer

### Moving Forward

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- **Only take what you will eat**
- **Reducing plate waste**
- **Forced us to look further into our solid waste stream**
- **Secondary implementation**