

# Barron County Waste to Energy & Recycling

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Barron County

## What is Waste to Energy? Incinerator and Recycling Center

The facility is located at 585 10 ½ Ave, Almena WI 54805

Public Hours 7 days a week from 8 am until 4 pm.

Accept: cash, checks, and credit/debit cards.



Pictured above: Barron County  
Waste to Energy Facility

# Incinerator

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- Barron County is one of only a small number of incinerators in the entire state
- Variety of services provided
- Up to 100 tons per day of materials can be incinerated reducing Barron County contribution to landfills

# Waste to Energy over Time

1986

- Waste to Energy Plant opened

1993

- Recycling center added

2011

- Installation of additional steam turbine allows WTE to create more electricity

2017

- Barron County assumed management of WTE

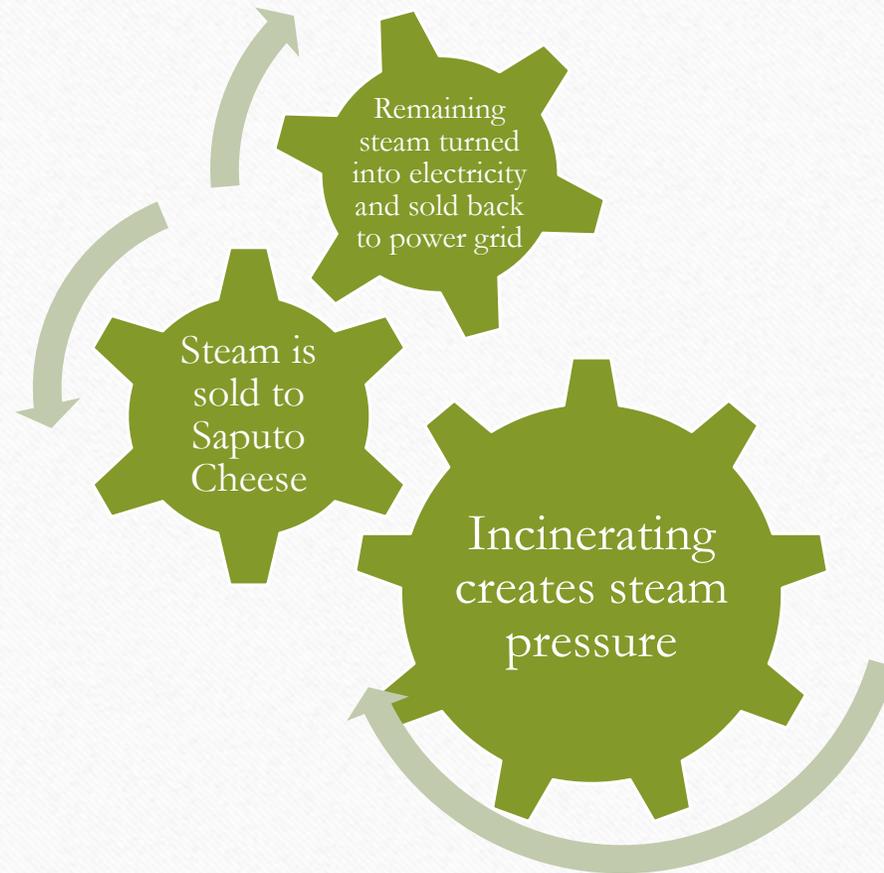
# What do we incinerate?

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- Household trash
- Trash from businesses
- Plastics
- Tires
- Construction debris
- Other materials

# Capacity to incinerate up to 100 tons every day



# Things we cannot incinerate but still accept

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- Electronics
- Freon
- Non-Freon appliances
- Yard waste
- Car/vehicle batteries
- Florescent bulbs
- CFL bulbs and ballasts



There is a fee for these items, please check our most current fee schedule

# How do we determine pricing?

- We will weigh your vehicle before and after you have unloaded.
- The price will be calculated based on the type of material you brought



Pictured above: Waste to Energy truck scale

# Recycling, What is a drop box?

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- Drop boxes are scattered throughout the county:
- Drop box maps are available on the website.



Pictured above: Camron drop box site

# Proper Recycling is Separated and Clean

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- #1 plastics
- #2 color and natural plastics
- cardboard
- mixed paper
- tin cans
- aluminum cans
- mixed color glass



# Contamination in the Drop Boxes

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- Styrofoam
- Car parts
- Food waste
- Garbage
- The wrong kind of plastic
  - #3-#7
- How does this happen?
  - Dirty recyclable materials
  - Liquids and food waste
  - Plastic bags used to bring recycling aren't removed

**75% of Waste is recyclable, only 34% are actually recycled**

[Rubiconglobal.com/blog/recycling-contamination-facts/](http://Rubiconglobal.com/blog/recycling-contamination-facts/)

# Contamination costs



Recycling dropped  
in drop box



Non contaminated  
recycling gets  
recycled



Contaminated  
recycling becomes  
garbage and must  
be disposed of



WTE receives  
revenue for  
recycled goods



Revenue funds  
recycling program



Loss of revenue  
and cost of  
disposal

# What Does Contamination Look Like?



Pictured above: Contamination from Barron County drop box

# Why Recycle



20 Recycled cans can be made with the same energy needed to produce just one new can



Recycling 1 can saves enough energy to keep a 100 watt bulb burning for almost 4 hours



# For every 1,000 tons of recycled material

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- 1.57 jobs are created
- \$14,101 in local and state tax revenue is generated

# Updates and improvements to Barron County Waste to Energy and Recycling

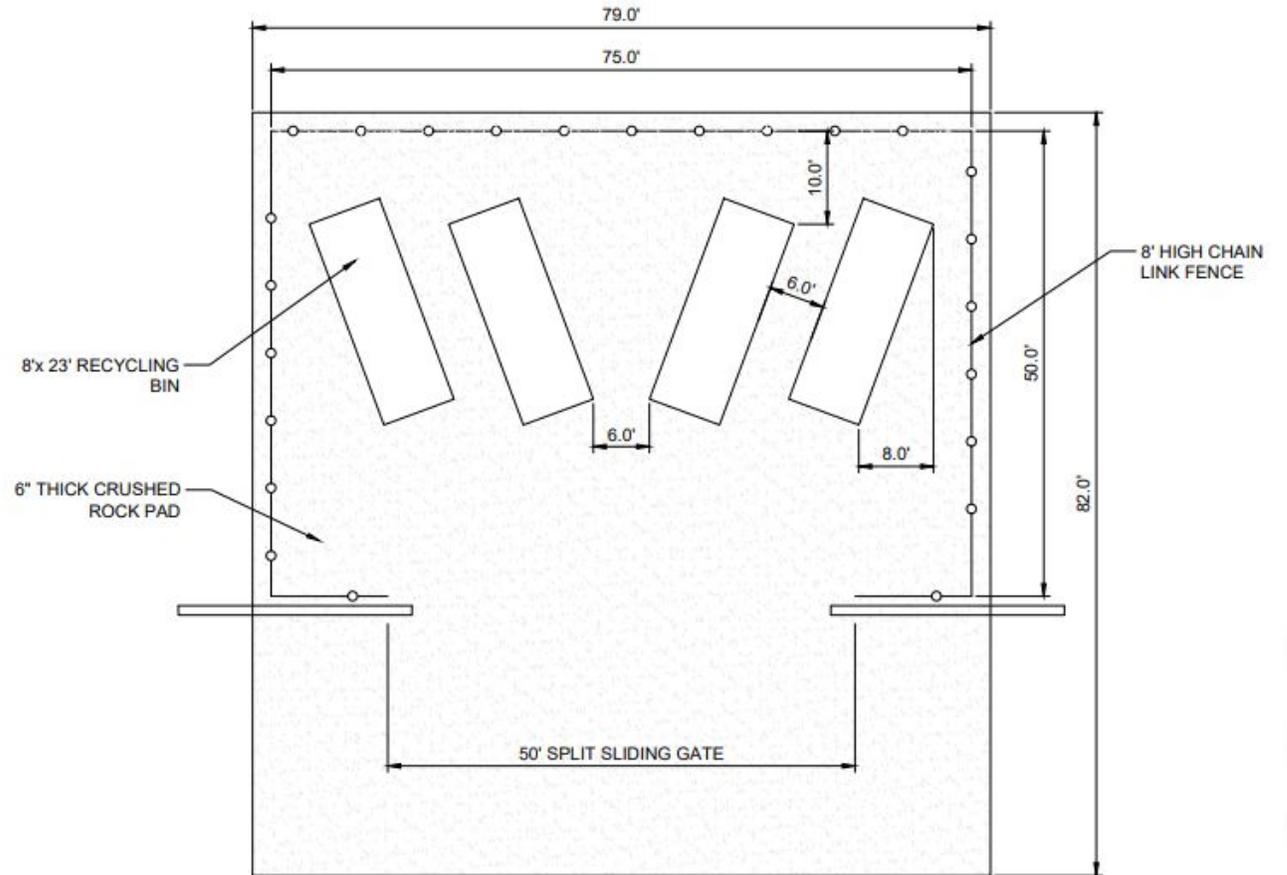
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- Moving to secured drop locations manned by staff
- Locations will be open on a rotating schedule
- Locations will be gated and secured
- Opportunities for face to face proper recycling education to the public
- Changes will reduce contamination and increase proper recycling
- At secure drop box locations cardboard and newsprint will no longer be recycled (it can be burned for energy recovery)



# Recycling Box Manned Sites

Locations will consist of 10 sites throughout county with 1 site located at the Barron County Waste to Energy Facility.



Sites will have scheduled hours of operation and be staffed by Barron County employees to supervise and assist with recycling activities.

**REDUCE  
REUSE  
RECYCLE**

## Wrap up

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- Recycling program processes over 700 tons of recycling each year
- The old adage “Reduce, Reuse, Recycle” still holds true. The best way to preserve resources is still by reducing your consumption of disposable materials, trying to reuse items, and recycling items.

# Thank you

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- Questions?