Grapple Grab

At A Glance:

Think you have what it takes to operate "The Claw" at our Waste-to-Energy Facilities? Learn how we transform waste into a resource in Lancaster and Dauphin County with the help of our partner, Covanta Energy.

You Will Learn:

1) How waste is transformed into electricity
2) The benefits of utilizing Waste-to-Energy
3) How a grapple is used in the process of combusting waste

To Think About:

1. How does combusting trash make waste a resource for the community?
2. How can you educate others on where the trash goes after it leaves the curb?

Feedback:

We'd love to hear your feedback! Please take our short, one-minute survey by clicking here.
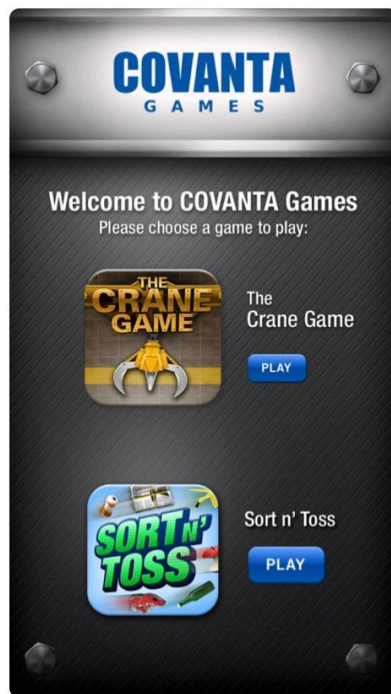
Learn More:

Explore more about Waste-to-Energy at our website, www.lcswma.org, or Covanta Energy's website, www.covanta.com.

Grapple Grab: Background and Instructions

Instructions:

1. Watch our educational video on our Waste-to-Energy Facility:
    a. Watch Video: <u>Lancaster Waste-to Energy Facility</u>
2. Download the **FREE** "Covanta Games" App on your phone or tablet.
3. Play "The Crane Game" and follow the onscreen instructions on how to play!

Background:

The majority of Lancaster County's municipal solid waste is taken to the Lancaster Waste-to-Energy (WTE) Facility, located in Conoy Township. Built in 1991, this facility's primary purpose is to burn combustible waste to reduce waste volume and save landfill capacity, provide clean energy, recover materials and create steam. The Lancaster WTE Facility is permitted to process up to 1,200 tons of waste per day.

LCSWMA also owns the Susquehanna Resource Management Complex (SRMC), located in Harrisburg. The SRMC is home to the nation's first waste-to-energy (WTE) facility. Built in 1972, and retrofitted in 2007, this facility saves landfill capacity and creates clean energy by combusting trash. The SRMC is permitted to process up to 800 tons of waste per day.

LCSWMA contracts with **Covanta Energy** to operate both facilities 24 hours a day, 7 days a week.