

# THERMAL CONVERSION AND REDUCTION



PROCESSING TOTALS FOR SYNAGRO'S INCINERATOR FACILITIES

4,725,673,176

total gallons processed

2,013,875 total wet tons processed

**1,096,087** total dry tons (liquid and cake) processed

REGIONAL BACKUP COVERAGE

#### **GENERATE A SUSTAINABLE SOLUTION**

Maintaining the bottom line in operations means utilizing key resources to capture every opportunity. Thermal reduction – also known as incineration – is a critical tool in our toolbox, with a focus on managing the reduction of biosolids volumes to the greatest extent possible through combustion of organic material. The benefits are tangible and immediate.

We also employ state-of-the-art heat-recovery technology – thermal conversion – which optimizes fuel efficiencies, maximizes throughput and can provide a vital source of renewable energy.

### **A BRIDGE TO BETTER OPERATIONS**

Synagro is in your corner and by your side every step of the way. Our thermal conversion and reduction services provide maximum value, efficiency and success by:

- Offsetting the need to burn fossil fuels to generate energy;
- Minimizing costs;
- Reducing greenhouse gas emissions, and thus your carbon footprint;
- Helping clients meet their renewable energy goals through organic waste conversion; and
- · Providing opportunities to generate clean and renewable energy.

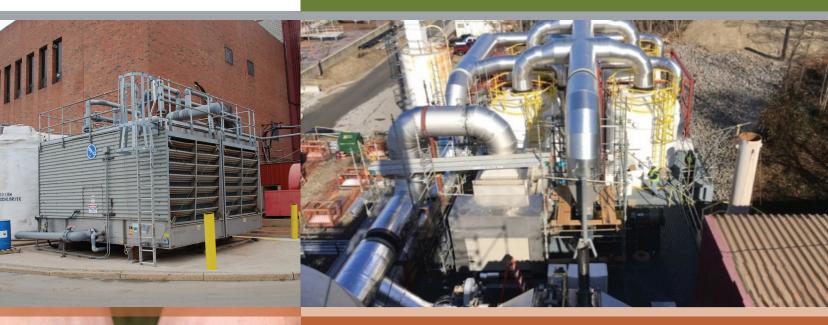
Synagro owns and operates three thermal processing facilities in the Northeastern U.S., and our experience has shown that thermal conversion and reduction facilities are well suited in regional applications due to their ability to process large quantities of material within a small footprint.

Our thermal conversion and reduction services leverage economies of scale to keep you on target and on budget. It's an ideal option for addressing a range of other operations challenges as well, such as:

- Problematic or lesser-value materials such as undigested biosolids and biosolids not meeting Class A or Class B metals limits;
- Land application or disposal sites that are cost prohibitive or otherwise unavailable; and
- The ability to generate inexpensive, renewable energy.



## YOUR PARTNER FOR A CLEANER, GREENER WORLD



#### **PARTNER WITH SYNAGRO**

When you are looking for the best biosolids and residuals solutions to serve your business and your community, Synagro has the proven solutions to help you succeed. Municipalities and industrial organizations like yours that want to make the best use of organic waste turn to Synagro. Across the United States, Synagro applies expertise and innovative technology to provide resource recovery solutions that meet the unique needs of customers and communities.

#### **WHO WE ARE**

Synagro is the country's preeminent provider of biosolids and residuals solutions services since 1986.

Headquartered in Baltimore, Maryland, we employ over 800 people in 34 states and service more than 600 municipal and industrial water and wastewater facilities.

#### HOW WE CAN HELP

Our professional and experienced staff members provide solutions for all aspects of biosolids and residuals management needs, from land permitting and soil analysis by our nationwide technical services team to facilities development by our in-house engineering staff. Synagro provides a comprehensive scope of customer focused solutions.





#### CONTACT US

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