

SAVOR...Chicago

at McCormick Place

Catering • Concessions • Special Events



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Why we do What we do

At our core, the SAVOR company is a Restaurateur. From the very origin of the word Restaurateur, SAVOR takes the higher intention for a company that serves food, of restoring with the food we serve. Restoring the energy and health of our customers, maintaining those neighborhoods we work in and restoring the environment that we all live in.

In the accounts that we have the privilege to work in, we endeavor to not only operate every day preparing and serving the best food, in the best way possible, but to also use our platform to showcase what can be done...

The following slides tell some of the story of how we work to bring our philosophy to life at McCormick Place, the largest convention center in the Americas, for our Customers, our Clients, and for Chicago.

These slides also tell some of the journey I have been on from the perspective of recognizing opportunities and tools for waste reduction making the most of those opportunities to lessen our waste impact.

Waste Diversion- Summer Games



General

Liquids

Cutlery

Compostable

Recyclable

Waste Diversion- Summer Games

Evolution of an Idea

Beginning- Taping examples of waste on the can lid

Specific signage with photos of actual waste items



Waste Diversion- Summer Games



Seize the opportunities- In prior Games the waste was sorted into streams and disposed of appropriately, in 2012, by adding one additional Manager and 2 hourly workers we were able to capture what the actual weight in each category was, while also providing additional screening for contamination.

Each Bag was weighed prior to disposal

Food Volume

- ▶ 46 Million USD
- ▶ 4 Halls, 1 Arena
- ▶ 3 Main Kitchens
- ▶ New Commissary Kitchen
- ▶ State of the Art Cooking Equipment



Waste Diversion

- In our large Brick and Mortar locations, The South Food Court and the West Food Court, we staff our proprietary Green Angels program. In these locations our customers simply bring their trays to the Green Angels Kiosk and leave it with our team members. They then sort the waste according to the three streams, Recycle, Compost and General.



Waste Diversion

- Reduction over time
The efforts that SAVOR has put into the reduction of waste have had a measurable impact. From the time SAVOR took over the foodservice contract there was been a nearly twofold increase in the percentage of Waste that has been diverted.

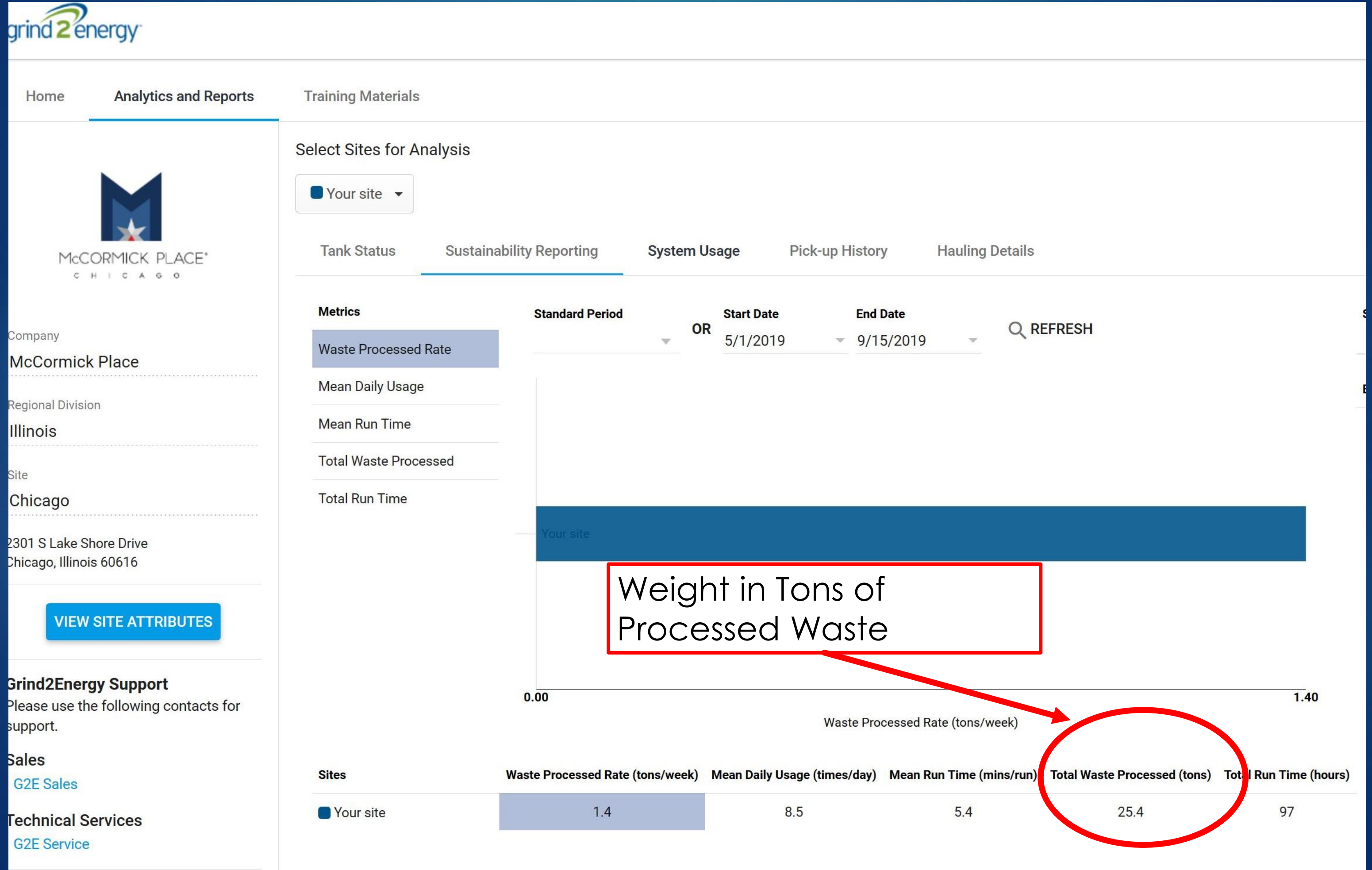
Year	Diversion %
2011	35.68
2012	58.71
2013	55.7
2014	64.22
2015	50.34
2016	52.55
2017	59.29

Waste Diversion

- Commitment by Event Planners helps support the efforts. These results came during the 2018 Greenbuild Convention

Service	Container	Ticket #	Date	Total Weight
Trash	10-2.0 Yard Containers	417943	11/10	0.051
Trash	10-2.0 Yard Containers	375078	11/12	0.213
Trash	10-2.0 Yard Containers	375084	11/15	0.306
Trash	10-2.0 Yard Containers	411101	11/24	0.298
Compost	40 gallon Plastic Containers	E-mail 1/17/20 19		6.730
Wood and Plastic Container Recycling	Food Containers, Pallets, Bread Racks and Milk Crates	In House Count		0.850
Recycling	42.0 Yard Compactor	2265555	11/10	0.325
Recycling	42.0 Yard Compactor	2267387	11/14	1.260
Recycling	42.0 Yard Compactor	2271370	11/24	1.104
Total Waste Stream				11.136
Total Recycling				2.689
Total Landfill				0.570
Total Compost				6.730
Total Diversion Weight				9.989
Total Diversion				89.696%

Waste Diversion



Waste Diversion

Sustainability Report

PREPARED FOR: McCormick Place - Chicago
PERIOD: 2019 to 2019 (through August)
LOCATION(S):

MCP - McCormick Place (2301 S Lake Shore Drive, Chicago, Ill...)



grind²energy™

**turn
food scraps
into energy**



Powering **5.1**
homes for one month

Energy

Your slurry was used to generate 4,555 kWh of additional electrical power

CO2 Reduction

By diverting your waste from landfills, you reduced carbon emissions by 17 tCO₂e



41,481
fewer miles driven



1.4
tons of fertilizer

Bio-solids for Fertilizer

The remainder of the slurry after extracting the energy yielded 1.4 tons of fertilizer

Technical References:

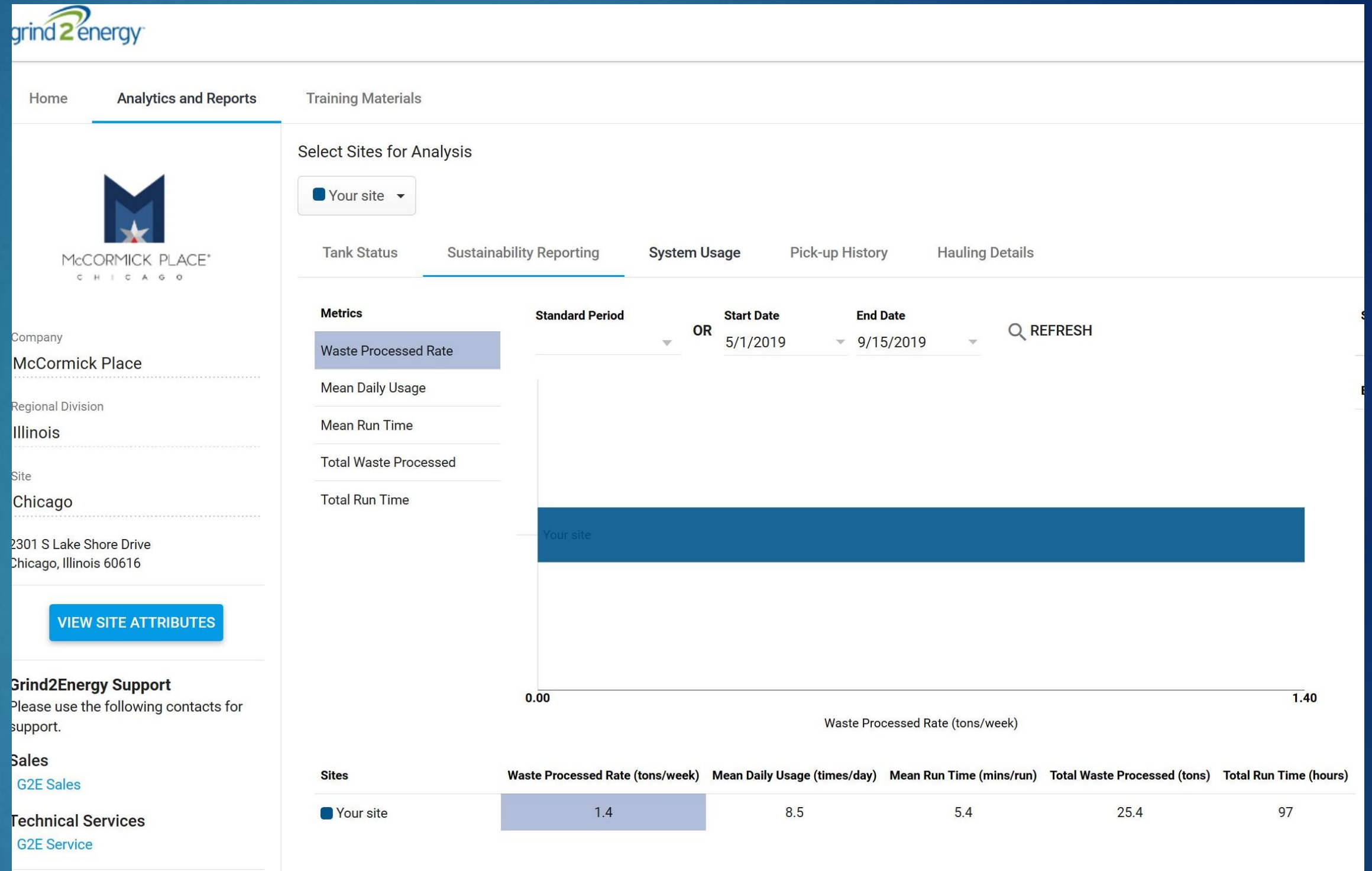
- Carbon emissions and heat generated from EPA Waste Reduction Model (WARM), assuming national average for landfill gas recovery, no curing of digestate after digestion and digestate land application
- Typical food waste mix adopted: Beef 9%, Poultry 11%, Grains 13%, Fruits and Vegetables 49%, Dairy Products 18%
- Miles from EPA's Greenhouse Gases Equivalencies Calculator
- Heat to electricity conversion efficiency adopted of 44%
- Average Household consumption from U.S. Energy Information Administration (EIA)
- Fertilizer based on 0.19gTS/gTSfw & 30%TS, Kim et al. 2016. Synergism of co-digestion of food wastes with municipal wastewater treatment biosolids. Waste Management.

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Waste Diversion

A further note on Grinding organic waste- we believe this model can be a game changer for compostable waste... The slurry increases methane production in anaerobic digesters, this will lead to being able to sell the waste we currently pay to have hauled away



Thank-You

▶ Questions?