

# WHEELABRATOR SAUGUS



## Environmentally Safe and Dependable Disposal of Everyday Household and Business Waste

The Wheelabrator Saugus energy-from-waste facility opened in 1975. It was Wheelabrator's first energy-from-waste facility and has a storied history as both an industrial pioneer and a contributor to the local community.

Wheelabrator Saugus turns up to 1,500 tons of local household and business waste per day into as much as 37 MW of clean, reliable and renewable energy — a local-energy ecosystem providing enough power to meet the electrical needs of 38,000 Massachusetts homes as well as its own operations.

As we process post-recycled waste, we reduce waste volumes by 90 percent, and we recover, reuse and recycle ferrous metals. The remaining ash residue is disposed of at our Saugus ash monofill, which features an environmentally protective barrier wall system that is equivalent to a traditional liner and consistently operates in accordance with regulatory standards. The ash disposal process is continuously monitored and includes strict management procedures and operations to protect the environment.

## Renewable Energy for a Cleaner Environment

- Wheelabrator uses everyday waste from local homes and businesses as a local, sustainable fuel to create clean, renewable energy; The energy-from-waste process creates a local-energy ecosystem where consumers supply the energy for the power and steam they use
- By using waste materials as a fuel to produce electricity and steam, we offer an environmentally friendly waste disposal option and reduce dependence on landfills
- Energy-from-waste facilities reduce carbon emissions by offsetting the need for energy from fossil fuels; We also reduce methane emissions from landfills and recycle metals

## COMMUNITY PARTNER

Wheelabrator Saugus is actively engaged in support of numerous civic and charitable organizations, and local schools, while contributing to increased economic growth and enhanced quality of life.

The company provided an estimated \$200,000 in charitable contributions and community sponsorships in 2015.

Our Community Partners include:

- Town of Saugus
- Police and Fire Departments
- Saugus Public Schools
- Saugus Business Education Collaborative
- Saugus Business Partnership
- World Series Park
- Youth Sports Organizations
- Founders Day
- Historical Commission
- Rotary Club
- Lions Club
- Veterans Council

## BEAR CREEK WILDLIFE SANCTUARY

Wheelabrator's Bear Creek Wildlife Sanctuary, a 370-acre wildlife refuge behind Wheelabrator Saugus, abuts the 2,274-acre Rumney Marsh ecosystem in Saugus and Revere.

As one of the largest bird-migration staging areas on the North Shore, it is certified by the Wildlife Habitat Council as both a Wildlife at Work and Corporate Lands for Learning location.

Our wildlife team has worked to increase diversity, provide quality food sources, cover and space for migratory birds, and control targeted invasive plants resulting in 17,000 new trees planted, 200 bird species, 10 beehives and 9 new ecosystems.

Bear Creek Wildlife Sanctuary is now used as a classroom and laboratory for environmental studies.

## ECONOMIC ACTIVITY

Wheelabrator Saugus provides 60 full-time jobs and contributes an estimated \$23 million in positive economic activity to the region, \$8 million of which is spent directly in Saugus.

The \$8 million in direct spending in the Town of Saugus includes:

- An estimated \$1.3 million or 16% on salaries, wages and benefits for employees who live in Saugus
- An estimated \$3.3 million or 41% on goods and services, including restaurants and catering, repair and maintenance support, technical services, community events and charitable contributions, vehicle fuel, and construction services
- An estimated \$3.4 million or 43% of local expenditures is going directly to the Town of Saugus through property taxes

That \$8 million in Saugus spending generates:

- \$7 million of additional economic activity
- 36 additional jobs
- \$4 million of new taxes and investments in the community

## PROTECTIVE OF PUBLIC HEALTH AND THE ENVIRONMENT

Wheelabrator Saugus has a strong commitment and track record for supporting a safe and healthy environment.

- Our energy-from-waste facility and ash monofill are continuously monitored and consistently operate in accordance with stringent federal, state and local environmental standards designed to protect public health and the environment, including the surrounding Rumney Marsh and Saugus River Watershed
- Our energy-from-waste facility features the most sophisticated refuse boiler designs, air quality controls and ash residue recycling and management systems
- Our ash monofill includes an environmentally protective barrier wall system that is equivalent to a traditional liner, in compliance with MA DEP and U.S. EPA requirements



## FAST FACTS

Began operations:

**1975**

Tons of waste per day:

**1,500 TONS**

Tons processed in 2015:

**441,660 TONS**

Energy generation capacity:

**37 MW**

Energy generated in 2015:

**274,680 MWH**

Homes powered:

**38,000 HOMES**

Metals recycled in 2015:

**5,680 TONS**

Annual oil for power displaced:

**500,200 BARRELS**

Annual coal for power displaced:

**150,030 TONS**