

Waste Commission of Scott County

Commission Overview

Scott Area Recycling Center Optical Sorters

Cell 9 Construction

Renewable Natural Gas Project



Scott County Board of Supervisors

August 1, 2023

Waste Commission of Scott County

Mission: Provide environmentally sound and economically viable integrated waste management services

- ▶ Formed in 1972 by an intergovernmental agreement
- ▶ Comprised of six Commissioners representing public entities in Scott County
- ▶ Fully funded by user fees paid at our facilities and revenue from recycled commodities
- ▶ Excellent partnership with Scott County



**Waste
Commission**
of Scott County

Electronics Recovery Center

- ◆ Opened in 2005
- ◆ Accepts used electronics and batteries
- ◆ Certifications: ISO:14001 and ISO:45001
- ◆ Since 2017 the Reuse Program has sold 32,224 items



Fun Fact: Since opening in 2005, the facility has diverted 37.5 million pounds from the Landfill

ctrl 
electronics recovery • reuse • recycle

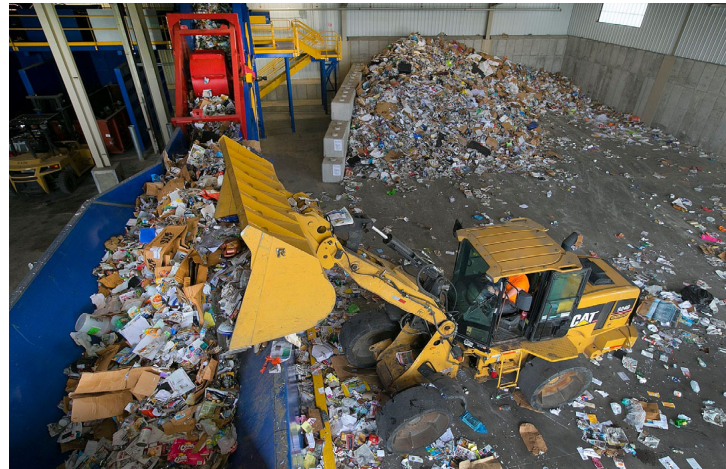
Household Hazardous Materials Facility

- ◆ 1996: HHM Facility at Landfill opens
- ◆ 2016: HHM Facility expanded at Recycling Center Campus
 - ◆ No appointments required
 - ◆ Serves households and businesses (VSQGs)
- ◆ Since 2016:
 - ◆ Residents Served: 81,250
 - ◆ Businesses Served: 4,389
- ◆ Accepts paint, pesticides, HHM, sharps, fluorescent tubes, batteries, automotive fluids...
 - ◆ Product Reuse



Scott Area Recycling Center

- ▶ 1995: Dual-stream facility opened
- ▶ 2016: Converted to a single-stream facility
- ▶ Processing 40,000 tons per year
- ▶ Ten tons per hour - 2 Shifts
- ▶ Optical project currently underway - \$5 million investment



MRF Optical Sorters - Project Goals

1. Increase Recyclables Captured
2. Improve Quality
3. Increase System Throughput
4. Decrease Required Labor





BEFORE

The image shows a large industrial facility with a high ceiling, exposed steel beams, and various pipes. A blue metal structure is visible in the foreground, and a red fire extinguisher is on the left. The lighting is somewhat dim, and the overall appearance is that of an older, less modernized industrial space.



7/25/23

The image shows the same industrial facility after an update. The blue metal structure is now more prominent, and a red machine with yellow safety railings is visible in the background. The lighting is brighter, and the overall appearance is more modern and well-maintained. A red fire extinguisher is also visible in the foreground.

MRF OPTICALS INSTALLATION UPDATE

BEFORE



7/25/23



MRF OPTICALS INSTALLATION UPDATE

Think Beyond the Cart

- ▶ **BATTERIES** - Rechargeable batteries are a leading cause of fires at recycling centers & landfills.



Education

RECYCLE RIGHT



glass bottles & jars



plastic bottles & jugs

paper & cardboard



aluminum & steel cans

empty & rinse containers

• flatten all boxes

• no trash or yard waste

**NO GO
ITEMS**



PLASTIC BAGS



FOOD WASTE



STYROFOAM



BATTERIES
& ELECTRONICS



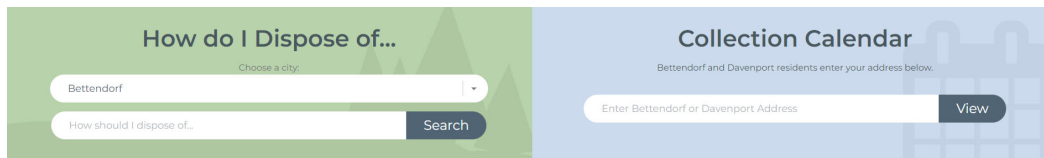
BAGGED
RECYCLABLES



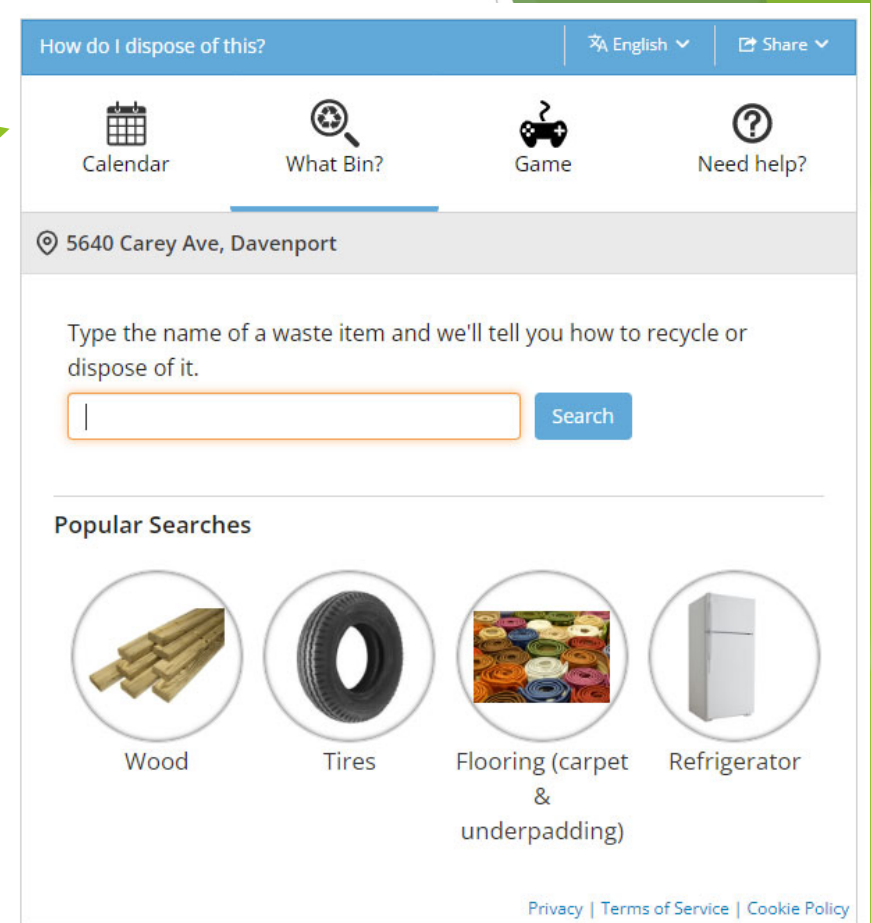
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Website and App Search Tool

- Recently redesigned wastecom.com



- Search Tool: Enter your community and search for any item you need to dispose of
- Collection Calendar: Bettendorf and Davenport residents can enter address to view and download calendar
- Download “Go All In” app for search tool and collection calendar



Scott Area Landfill

- ◆ 180,000 tons per year
- ◆ Serves 60,000-70,000 customers per year

Master Plan completed in 2015

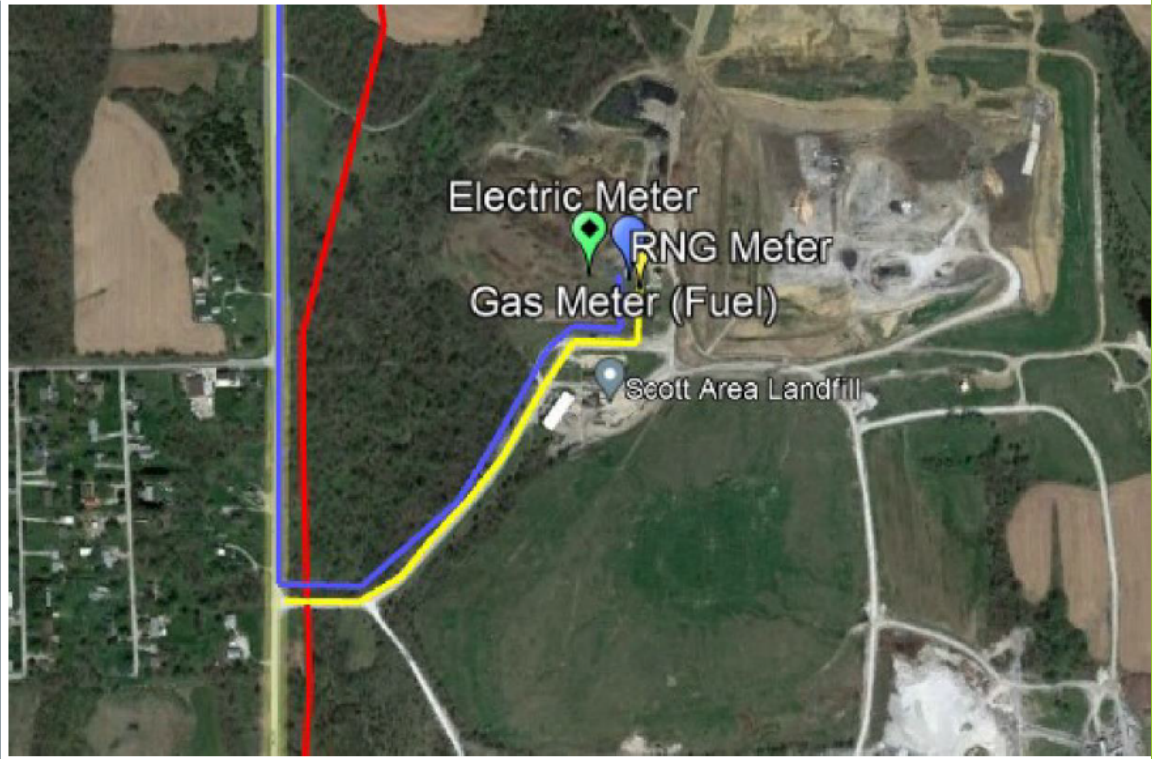
- ◆ Capacity - 2075
- ◆ End Use - Public Park
- ◆ Lays the groundwork for all operations:
 - ◆ Cell construction
 - ◆ Gas system expansion
 - ◆ Fill sequencing
 - ◆ Soil hauling
 - ◆ Educational areas
- ◆ Diversion programs: Shingles, Clean Wood, Bicycles, Tires, Automotive Fluids, Appliances, Habitat ReStore, Drop-off Recycling, Electronics, and HHM
- ◆ Fun Fact: 228 million pounds of shingles have been diverted from the Landfill since the start of the shingle recycling program in 2011













Questions

Bryce Stalcup

Deputy Director

bryce.stalcup@wastecom.com

563-386-9575

Brian Seals

Landfill Operations Manager

brian.seals@wastecom.com

563-381-1300

Follow along @WasteCommission!



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