



# DART FOAM RECYCLING & SUSTAINABILITY

MRC CONFERENCE – MAY 16, 2018

# DART HISTORY

- 1960 – sold first foam cup.
- 1964 – opened second manufacturing facility in Leola, PA.
- 1985 – opened first international production facility (11 total) in Campbellford, ON.
- 2012 – acquired Solo Cup Company.



# SUSTAINABILITY INITIATIVES

- Reducing the amount of material used in products without sacrificing quality and performance.
- Upgraded warehouse lights to LED and motion sense technologies.
- Increase landfill diversion by 4% by 2022 company wide.
- Dart Community Action Team (DCAT) – Employee volunteering in local communities.
- Leola:
  - Landfill gas (methane) to power operations.
- Mason:
  - Use steam from production process to heat buildings on campus.
  - Company hired for foodservice specializes in minimizing food waste.
  - Piloting compost program with Hammond Farms.



# SUSTAINABILITY INITIATIVES

- Solo
  - Solo was the first to market with a FDA-compliant paper hot cup using post-consumer fiber (2005)
  - Solo received the first compostable logo granted by BPI for a paper hot cup (2006)
  - Solo was the first plastic cups made with post-consumer PET (2008)

# DART'S COMMITMENT TO FOAM RECYCLING

- CARE (Cups Are REcyclable) Program
- RecyclaPak Program
- Distributor Take-back Program
- Curbside Recycling
- Grant Funding & Investments
- Industry Associations
  - MRC, KAB, The Recycling Partnership, SPC
- Michigan County Drop-off Program
  - Partner with over 60 drop-off locations in MI.



# DART'S COMMITMENT TO FOAM RECYCLING

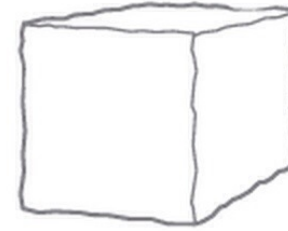
- Dart began recycling foam in 1990.
- Dart offers foam drop-off at all US production facilities (22 total) as well as in Mexico, Argentina, UK, Canada, and Brazil.
- Two facilities have a wash/dry system (Mason and Corona) and two that make pellets from recycled foam (Leola and Plant City)





### Step 1

Foam products are collected for recycling.



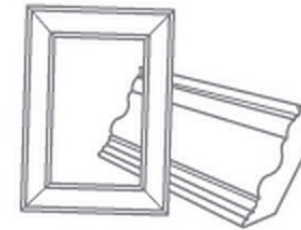
### Step 2

The foam is compacted into dense bricks.



### Step 3

The compacted foam is converted into pellets.



### Step 4

The pellets are used to create new plastic products.

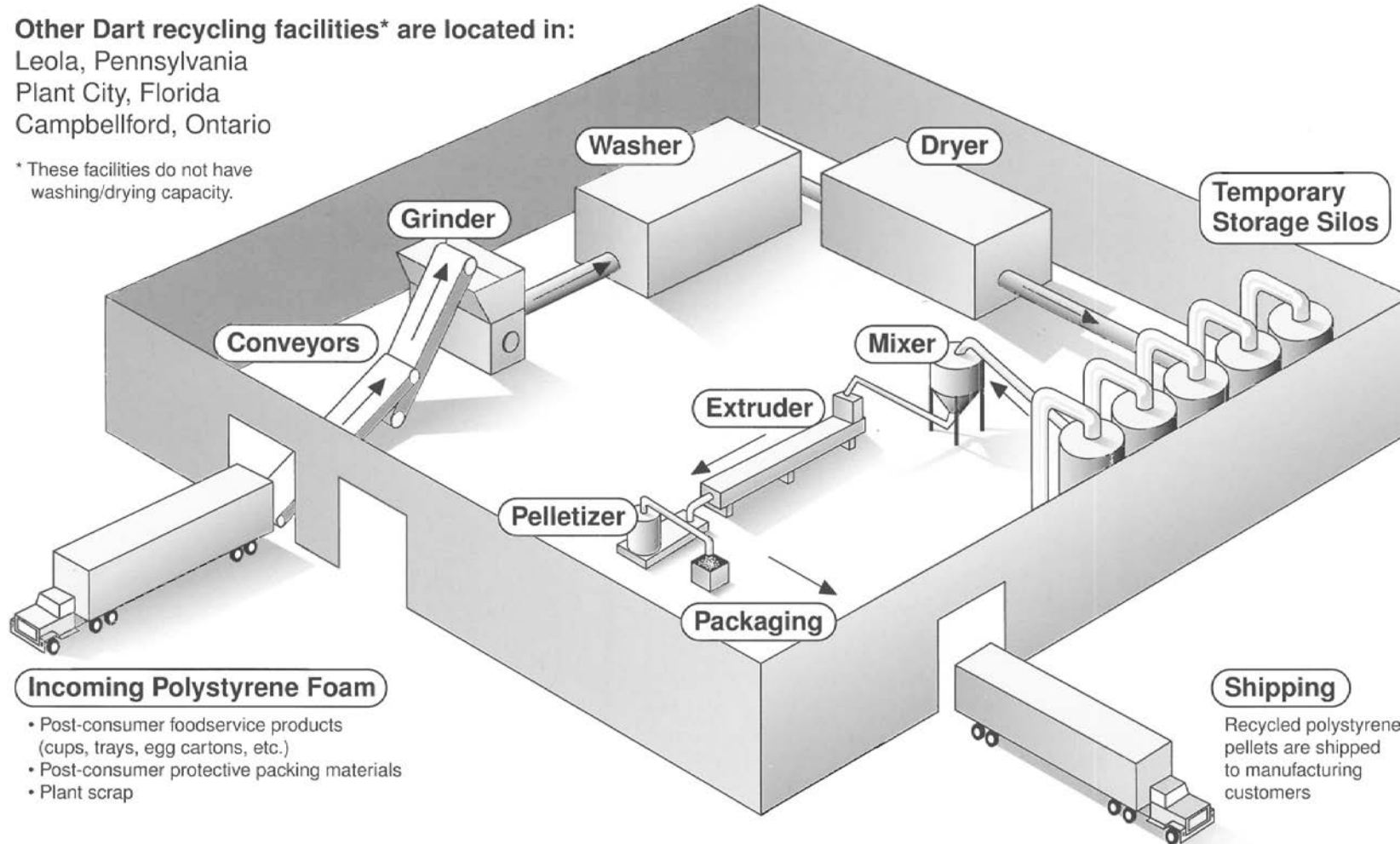


# Schematic of Dart Polystyrene Foam Recycling Facility Mason, MI

Other Dart recycling facilities\* are located in:

- Leola, Pennsylvania
- Plant City, Florida
- Campbellford, Ontario

\* These facilities do not have washing/drying capacity.



### Incoming Polystyrene Foam

- Post-consumer foodservice products (cups, trays, egg cartons, etc.)
- Post-consumer protective packing materials
- Plant scrap

### Shipping

Recycled polystyrene pellets are shipped to manufacturing customers

For more information about Dart foam products and the environment, visit our website at [www.dart.biz](http://www.dart.biz) or call 1-800-288-CARE.



# WHAT IS NOT ACCEPTED IN OUR PROGRAM



# CONTAMINATION

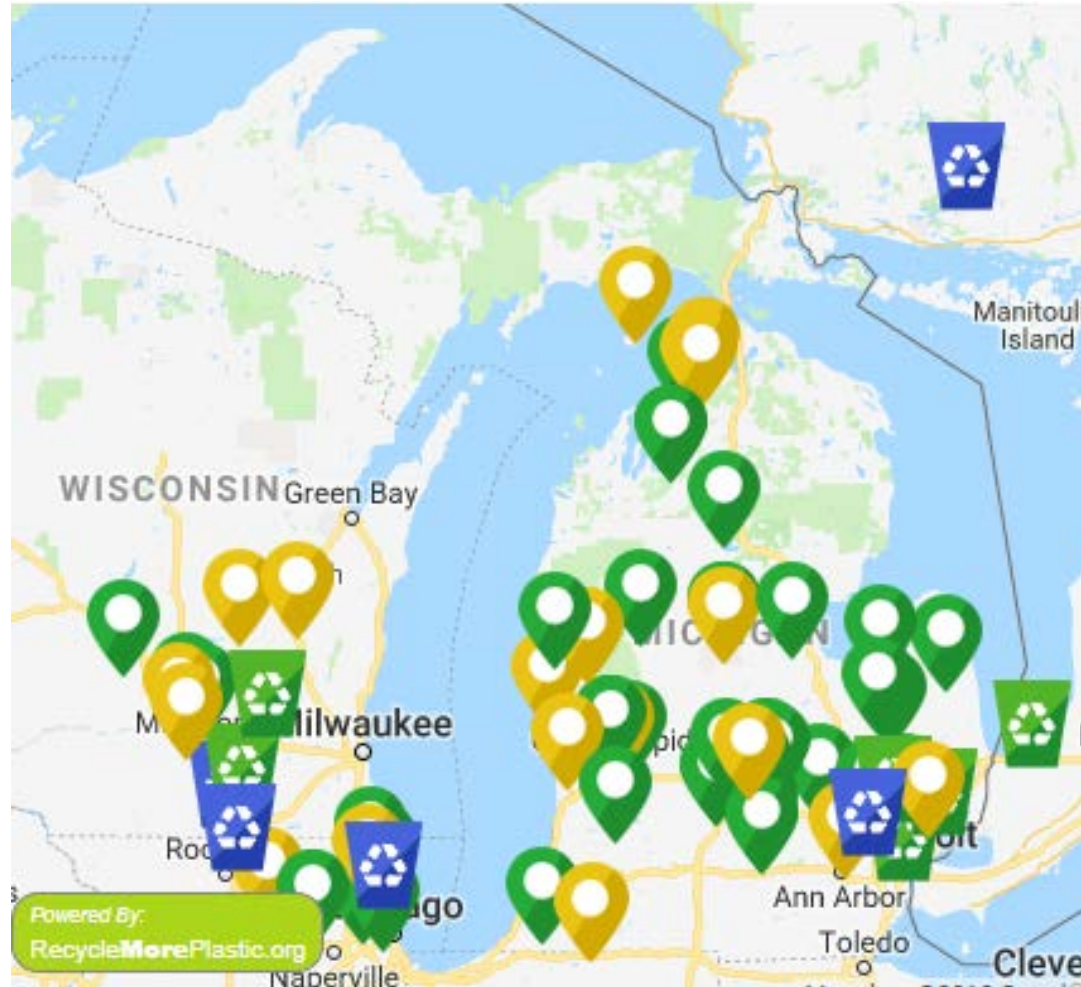


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# FOAM DROP-OFFS AND CURBSIDE PROGRAMS



# MI DROP-OFF PROGRAM

- Free pick-up and recycling of material within a 100 mile radius of Mason, MI.
  - Provide collection bags.
- Community needs to provide location and collection bin that is out of the elements and free from pests.
- Pick-up weekly, monthly, or will-call.
- Recycling Events

# QUESTIONS?

