Example of How Materials Flow at a MRF

The Tip Floor

Pre-sort
Remove contaminants like hoses and bowling balls before they damage the MRF

Glass Breaker
Glass is broken into shards and then sent to a beneficierator

Star Screen
Separates 2D & 3D

Glass

Ferrous Magnet
Magnet pulls out steel

Containers keep going
Bottles, cans, cartons

Optical Sorters

PET
HDPE
PP & Other Plastics

PLASTIC

Eddy Current
Repels aluminum

CARTONS

ALUMINUM

Newspaper
Cardboard
Mixed Paper

Other valuable materials that were missed by the magnets or sortation

Quality Control (QC): positive sort to pull out cartons and other valuable materials that were missed by the magnets or sortation

Residue to Landfill