

In 2016, Machinex had the chance to collaborate again with Eureka Recycling to find the best solution that fit their budget. The existing system was upgraded with a scalp screen and a ballistic separator to reach 30+ TPH instead of 25 TPH.

30 TPH Residential &
Commercial Single-Stream

EUREKA RECYCLING

Minneapolis, MN, United States

Completed in 2014 with an **upgrade in 2016**



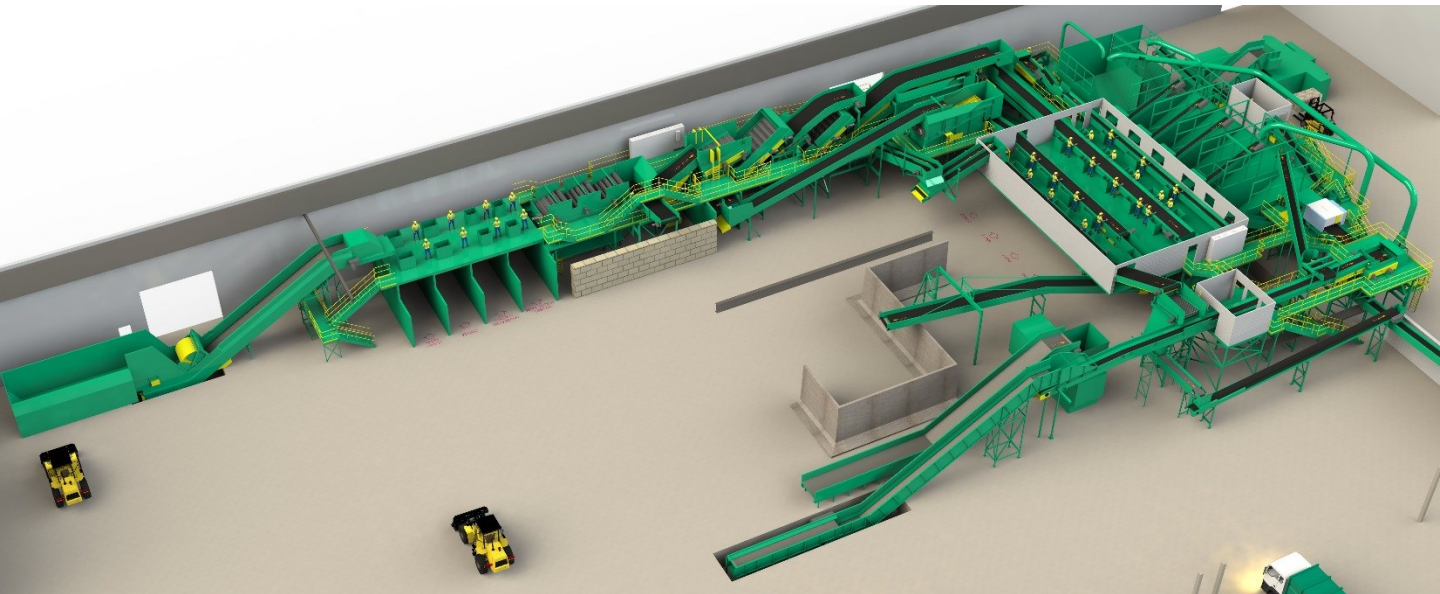
90,000 Tons per Year

The upgrade allowed a TPH increase of 35% and decreased the fiber low cross contamination by 40 to 50%.

The (2) Machinex Eddy Currents that were installed (one at the beginning of the container line to prevent aluminum to be ejected in the optics and one at the end to capture the remaining portion), were well worth the investment, since they recover almost all the aluminum and reduce loss in other commodities.

Sorted Material

OCC	PET
Newspaper	HDPE Natural
Mixed Paper	HDPE colored
Ferrous	Mixed Plastics (#3 to #7)
Aluminum	Aseptics



Equipment List

- | | |
|---------------------------------|---------------------------------|
| (1) Back Scraping Drum | (1) Optical Sorter (PET & HDPE) |
| (1) MACH OCC Screen Triple Deck | (1) Glass Cleanup System |
| (1) MACH Fines Screen | Upgrade in 2016 |
| (2) MACH News Screen | (1) Scalping Screen |
| (1) MACH Ballistic Separator | (1) MACH Ballistic Separator |
| (1) Glass Breaker Screen | (2) Eddy Current Separators |