



## Case Study

The recycling and material recovery efforts of Hadleys Recycling & Waste Management are remarkable, operating an extensive range of services for over 80 years, recycling construction & demolition materials.

Hadleys approached Impact Air Systems for a solution to improve the quality on their existing fines clean up system and improve the LOI rate of their recovered materials.

Impact's Zigzag Classification System, which has been developed to enable simple installation and minimal wiring along with a reduced footprint was the ideal solution. This system uses highly efficient density separation resulting in recovered recyclable materials that are cleaned of debris, paper and dust.

Paul Lock of Hadleys commented:  
 "We are so pleased with the reduced LOI rate we now get from our material and it's all down to the efficient separation of Impact's ZCU. I would highly recommend this system to all waste operators."



Heavy material recovered



Light material recovered

# 6%

LOI rate with  
Impact's ZCU

Material description:  
C&D material

Particle size (mm):  
10-40mm

Requested hourly throughput (t/h):  
7-8 t/h

Mixed bulk density (kg/m<sup>3</sup>):  
850-950kgm<sup>3</sup>

Heavy material description:  
Aggregates and soil

Light material description:  
Fibre, film, wood (fuel potential as SRF)

Try before you buy...

Book a trial separation of your materials and you can start saving too!

[www.impactairsystems.com](http://www.impactairsystems.com)

