



## Materials Recycling Facility (MRF)

### Project Description

PROJECT TYPE: MRF (purpose made in-feed, sorting and baler feed system)

PROJECT VALUE: £150,000 - £250,000

PROJECT MANAGER: Mr. Tony Kirk

PROJECT DESCRIPTION: GAME Engineering were asked to design a Materials Recovery Facility to deal with co-mingled industrial and domestic waste suitable for recycling. The plant consisted of a below floor intake - transfer conveyor, feeding onto an 8-station picking belt. Non-picked waste was then passed under an over-band magnet for ferrous cans, etc, then onto an Eddy-current unit to fire off the aluminium leaving only plastic bottles on the belt. The final part of the project was a new transfer conveyor to feed the 10TPH baler. Other than the civils all the contract was carried out by GAME Engineering using electrical control and wiring contractors. The project was completed on time and to budget and passed the performance criteria within two weeks of initial commissioning.

