

Appendix 1
Alternative Commodity Options Appraisal

As part of the Waste & Recycling Action Plan, one of our commitments is to introduce additional commodities for collection as part of our kerbside recycling scheme.

The following table considers lists those additional items that have been considered and details some of the factors that have been taken into account when deciding on the most cost effective option for implementation. All figures calculated are based on a 62% capture rate which we are currently achieving on plastic bottles.

With all factors considered the most cost effective option at this current time, would be the introduction of food & drink cartons and aerosols to our kerbside recycling collection service.

Commodity	Potential Volume	Resource / Technical Implications	Potential Income (per annum)
Plastic Trays and Pots	520t / annum	<ul style="list-style-type: none"> • Would need to be collected separately and require additional vehicle; • Low market value; • Fragile re-processing situation as still issues with recycling the black and dark brown trays 	£0-£20 / t £10,400
Cardboard	1300t / annum	<ul style="list-style-type: none"> • High volume commodity but low weight • Would need to be collected separately and require additional vehicle • Issues with cardboard being compressed in vehicles resulting in increased handling, • Issues with storage of cardboard particularly when wet 	£55-£60 / t <ul style="list-style-type: none"> • £57,200 revenue from sales • £57,304 from recycling credits • £83,200 savings from avoiding landfill tax
Aerosols	30-40t / annum	<ul style="list-style-type: none"> • Can be collected using a low cost bespoke method on existing vehicles • Low weight but high value i.e. 46% aluminium and 54% steel • Commodity the public regularly challenge us on 	£610 / t aluminium £170 / t steel <ul style="list-style-type: none"> • £14,720 in commodity sales • £2204 in recycling credits • Savings of £3,200 in landfill tax
Food & Drink Cartons	20-30t / annum	<ul style="list-style-type: none"> • Can be collected using a low cost bespoke method on existing vehicles • Commodity the public regularly challenge us on 	£55 / t <ul style="list-style-type: none"> • £1650 in commodity sales • £1650 in recycling credits • Savings of £2400 in landfill tax