

APPENDIX 2

MANSFIELD DC GLASS MODEL - ASSUMES NO ADDITIONAL RESIDUAL DESPITE FREED UP CAPACITY

<i>Number of properties</i>	<i>48,910</i>
<i>Mansfield residual tonnage 2017/18</i>	<i>29,352</i>

Changeable figures

Do not change

Residual waste per household (tonnes)	0.60
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Estimated tonnage diverted to glass from residual stream	1,200
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TOTAL ANNUAL REDUCTION IN RESIDUAL TONNAGE	1,200
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<i>Current residual waste disposal cost to NCC</i>	<i>£120.00</i>
<i>2020/21 recycling credit cost per tonne to NCC</i>	<i>£62.32</i>

<i>Capital costs to NCC</i>	<i>£295,100</i>
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Residual reduction saving	£144,000
Additional glass costs	£74,784.00

WASTE DISPOSAL SAVING PER ANNUM	£69,216.00
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EXPECTED PAYBACK PERIOD (YEARS)	4.3
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