

# 1. Sensitivity Forecast Future C, D & E Waste Growth in Surrey

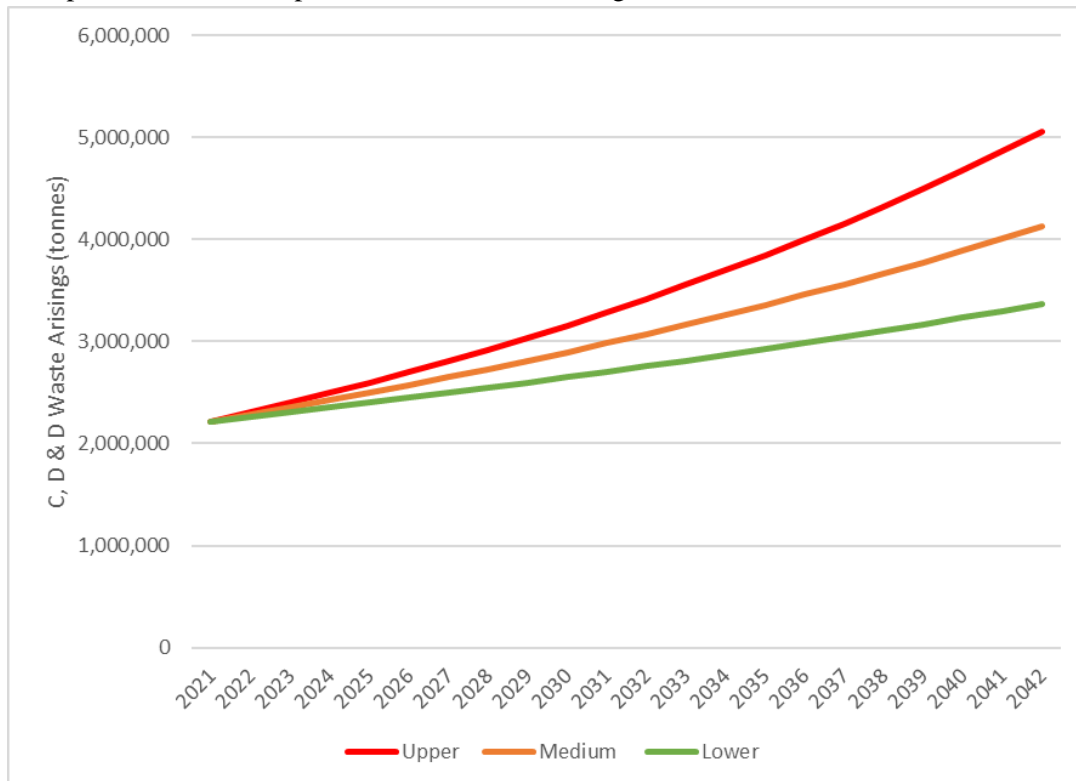
The approach taken in the previous WNA 2019 supporting the adopted Surrey Waste Local Plan (2020) was to assume a zero-growth rate for the Plan period. However, given C, D & E waste arisings were found to have increased by c17% from 2020 levels and the average annual growth rate over the 7-year period revealed a c4% growth rate, a positive growth scenario has been explored as a sensitivity below.

A 4% per annum growth rate has been applied to the 2021 C, D & E waste baseline value to forecast a ‘worst case arisings scenario’ to 2042 as shown in Table 1 below, along with a medium and lower scenario of 3 and 2% per annum respectively.

**Table 1: C, D & E Waste Forecast Applying Growth Factor of 4% p.a. to 2021 Baseline**

	2021	2026	2031	2036	2042
<b>Upper</b>	2,218,302	2,698,903	3,283,629	3,995,036	5,054,996
<b>Medium</b>	2,218,302	2,571,620	2,981,212	3,456,042	4,126,695
<b>Lower</b>	2,218,302	2,449,185	2,704,098	2,985,542	3,362,206

This produces a cone of possibilities as shown in Figure 1.



**Figure 1: Cone of Possibilities of C, D & E Waste Arisings to 2042.**