

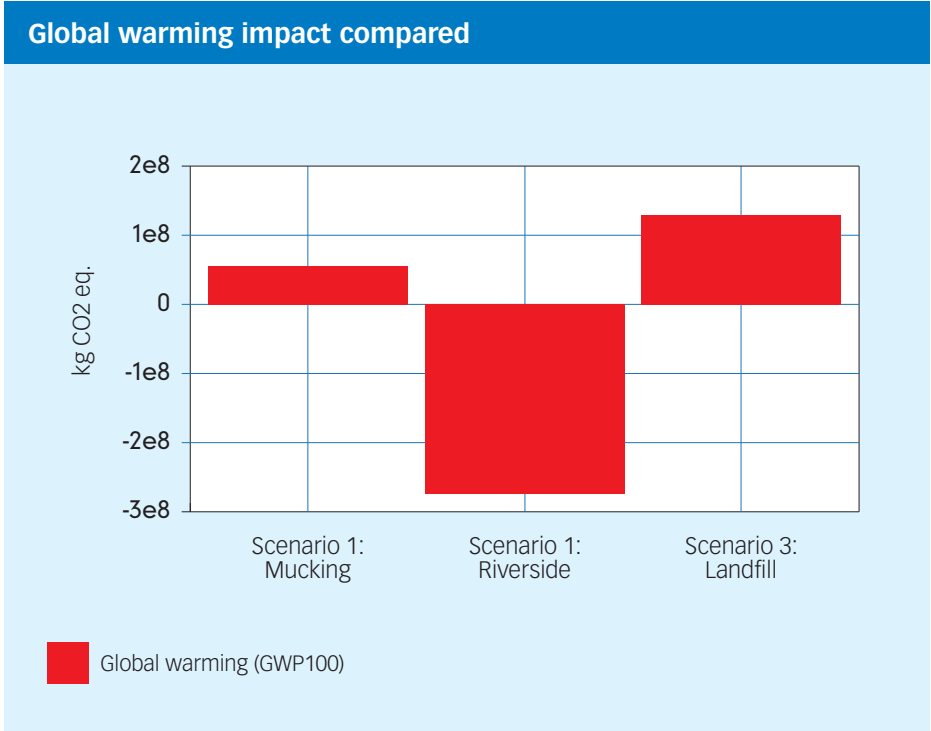
Sustainability statement

Through its Waste Management Policy and the letting of its Waste Management Services Agreement with Cory Riverside Energy the Authority has been able to significantly increase the proportion of waste from within its area that is reused and recycled and all of its residual waste is now used to recover energy at the Belvedere EfW Facility, rather than going to landfill.

Following the Government's waste hierarchy will generally lead to the most beneficial outcomes in terms of climate change and the overall reduction in the waste handled by WRWA (as shown in the graph in Section 7) has delivered the greatest savings both environmentally and financially.

In 2009 a study was carried out (using the Environment Agency's 'WRATE' life cycle analysis tool) to compare the global warming impact of the Belvedere EfW Facility and its river-based transportation system against an alternative road-based landfill solution and the river-based operation at the now closed Mucking landfill site.

The results showing the global warming impacts (expressed in terms of kilogrammes of carbon



dioxide equivalence) are shown in the graph above.

This analysis shows the Belvedere EfW process to have a carbon benefit of over quarter of a million tonnes, a huge improvement on either of the other scenarios.

The Authority will, through its future policies, continue to endeavour to further reduce the environmental impact of its waste management activities.



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