**Product / Service:** Waste Management (Non-Hazardous / Hazardous / Confidential)

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|  | **Negative Impacts / Risks** |  | **Positive Opportunities** |
| **Environmental** | * Potential of adding to landfill (loss of natural habitats / biodiversity) * Landfill gas emissions (including methane) * Disposal vehicle fuel & emissions (carbon impact) – frequent collections * Air quality impact through incineration (hazardous by-products e.g. leachate, ash) * Hazardous waste | * Recycling & composting opportunities (minimise waste to landfill) * Consolidated collections (or shared contracts) reduce disposal vehicle fuel & emissions * Onsite destruction of confidential waste – reduce disposal vehicle fuel & emissions * Reduction in disposal vehicle fuel & emissions if local supplier & waste sites utilised * Low CO2 disposal vehicles |
| **Social** | * Loss of amenity of land used for landfill * Frequency & timing of disposal vehicles – congestion & noise impacting residents * Working conditions of refuse staff (health & safety / long hours / low pay) * Pests & odour from poor storage and/or inappropriate frequency of collection * Bins visually unattractive | * Education of staff regarding waste minimisation (e.g. printing less) and segregation of waste streams * Consolidated collections (or shared contracts) – reduce vehicle congestion & noise * Refuse staff - local employment / living wage * Apprenticeship opportunities * Appropriate storage & frequency of collection reduces pests & odour |
| **Economic** | * Landfill tax * Potential fines for non-compliance to relevant legislation * Frequently changing standards / methods for recycling may impact costs | * Recycling generally cheaper than landfill * Local supply base – benefits local economy & job market * Some waste has a re-sale value (e.g. metals, textiles) * Energy production (electricity and/or heat) from waste |

**RELATED PROC HE:** LY / UA / UG / WQ