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