

4.

WASTE CAPACITY CALCULATIONS

Table 4.3.1 Capacity Calculations for Recovery and Disposal Activity at Noel Lawler Sand & Gravel Ltd

| Item No. | Recovery and Disposal Activity and Description | Treatment Type | Maximum Quantity (tonnes) per annum | Description of How Capacity is Calculated |
|----------|--|---|-------------------------------------|---|
| 1 | R05 - Recycling/reclamation of other inorganic materials, which includes soil cleaning resulting in recovery of the soil and recycling of inorganic construction materials | Inorganic materials recycling or reclamation (to end-of-waste) (e.g. soil cleaning resulting in recovery of the soil and recycling of inorganic construction materials) | 100,000 | <p>The quantity of soil and stone material required for restoration has been estimated to be approximately 1,299,791m³ (or 2,339,624t). This value was calculated based on a topographical survey of the existing quarry void carried out in 2020.</p> <p>It is considered that the rate of infilling and restoration will be subject to market conditions but will not exceed 100,000 tonnes per annum. The site will operate for a period of 20-years.</p> |

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| Item No. | Recovery and Disposal Activity and Description | Treatment Type | Maximum Quantity (tonnes) per annum | Description of How Capacity is Calculated |
|----------|---|---|-------------------------------------|---|
| 2 | R13 - Storage of waste pending any of the operations numbered R 1 to R 12 (excluding temporary storage (being preliminary storage according to the definition of 'collection' in section 5(1)), pending collection, on the site where the waste is produced). | Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced). | 1,000 | A nominal capacity of 1,000 tonnes has been assigned to Class R13. This value is based on the proposed temporary soil quarantine/inspection area (approx. 180m ² in area, 15m in height). |

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