

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 1,299,791m<sup>3</sup> (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 <sup>2</sup> in area, 15m in height).

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