



Retford Circular Economy Project Environmental Statement Addendum – Volume 3 Technical Appendices



Technical Appendix 12.1: Construction and
Operational Plant Assumptions

January 2024

Project No.: 0695864

| Document details | |
|-------------------|--|
| Document title | Retford Circular Economy Project Environmental Statement Addendum - Volume 3 Technical Appendices |
| Document subtitle | Technical Appendix 12.1: Construction and Operational Plant Assumptions |
| Project No. | 0695864 |
| Date | January 2024 |
| Version | 1.0 |
| Author | Environmental Resources Management |
| Client Name | Lound Hive Limited |

No changes have been made to the construction plant list detailed within Table 12.1, Technical Appendix 12.1, Environmental Statement Volume 3, and this should be referenced in conjunction with this Technical Appendix, and the noise assessment within Chapter 12, ESA Volume 1. The updated operational plant list for this ESA is detailed in Table 12.2 below.

Table 12.2: Operational Plant List

| Activity | Plant Description | BS 5288 Reference | Activity L _{Aeq} @ 10 m | Number of Plant | Percentage On-time (Mon-Fri, 07:00 – 19:00) | Percentage On-time (Saturdays, 07:00 - 13:00) |
|-------------------------|-------------------------------|--------------------|-------------------------------------|--------------------|---|---|
| Extraction/Dig- Down | Cat 966 Loader | Manufacturers data | 81 | 2 | 75 | 75 |
| | Mobile Screen - Finlay 683 | Manufacturers data | 80 | 1 | 90 | 90 |
| | Shredder Unit | N/A | 75 | 1 | 40 | 40 |
| | Conveyor | Manufacturers data | 66 | 1 | 100 | 100 |
| | Tipper Lorries | C.8.20 | 79 | *60/day | | |
| | Tracked Excavator | C.5.18 | 80 | 2 | 50 | 50 |
| Restoration | Dozer | C.5.13 | 82 | 3 | 90 | 90 |
| | Cat 966 Loader | Manufacturers data | 81 | 1 | 75 | 75 |

*HGV Movements within the Proposed Development Site

ERM has over 160 offices across more than 40 countries and territories worldwide

ERM's York Office

1C Swinegate Court East

3 Swinegate

York

YO1 8AJ

T: +44 1904 715470

www.erm.com