WRM

— Make it Possible —

NON-TECHNICAL SUMMARY

Environmental and sustainability solutions provided to S NORTON & CO LTD

WRM-LTD.CO.UK

This report was prepared by Walker Resource Management Ltd (WRM') within the terms of its engagement and in direct response to a scope of services. This report is strictly limited to the purpose and the facts and matters stated in it and does not apply directly or indirectly and must not be used for any other application, purpose, use or matter. In preparing the report, WRM may have relied upon information provided to it at the time by other parties. WRM accepts no responsibility as to the accuracy or completeness of information provided by those parties at the time of preparing the report. The report does not take into account any changes in information that may have occurred since the publication of the report. If the information relied upon is subsequently determined to be false, inaccurate, or incomplete then it is possible that the observations and conclusions expressed in the report may have changed. WRM does not warrant the contents of this report and shall not assume any responsibility or liability for loss whatsoever to any third party caused by, related to, or arising out of any use or reliance on the report howsoever. No part of this report, its attachments or appendices may be reproduced by any process without the written consent of WRM. All enquiries should be directed to WRM.

Document Title	Non-Technical Summary
Client	S Norton & Co Ltd
Revision	v1.0
Date	04/04/2025
Document Reference	EPR_A01
Project Reference	1304/J05

Author: Joseph Epicheff	Reviewer: Martin Ropka
	

Copyright ©

All material on these pages, including without limitation text, logos, icons and photographs, is copyright material of Walker Resource Management Ltd (WRM). Use of this material may only be made with the express, prior, written permission of WRM. This document was produced solely for use by the named client to whom the document refers. The methodology (if any) contained in this report is provided to you in confidence and must not be disclosed or copied to third parties without the prior written agreement of WRM. Disclosure of that information may constitute an actionable breach of confidence or may otherwise prejudice our commercial interests.

REVISION LOG

Revision	Details	Date
0.1	Initial draft	26/03/2024
0.2	Internal review	08/04/2024
0.3	Amendments following client review	04/06/2024
0.4	Second draft	18/03/2025
1.0	First issue	04/04/2025

CONTENTS

1.0 INTRODUCTION

1.1 Site Address

S Norton & Co Ltd
Cornwall Road,
Smethwick
B66 2JR

1.2 Operational Location

Grid Reference: Easting 403177, Northing 289012.

1.3 Site Description

The site is situated on Cornwall Road which is adjoined to the B4136 and is 1.2km northeast of Smethwick town centre. It is surrounded by mixed-use industrial and commercial developments with the nearest residential receptor located 356m southeast of the site. The Birmingham canal runs along the southern permitter of the site. There are no sensitive ecological receptors within 250m of the site.

The proposed site will consist of the following aspects:

- 3No. weighbridges.
- Non-ferrous metal storage building for public & itinerant merchant-based deposits.
- 3No. bulk non-ferrous bays with 1No. container tilter and 1No. acculoader.
- 1No. large steel bay.
- Metal shear.
- ELV sorting and depollution building with 2No. depollution rigs.
- A covered workshop.
- Site office and staff facilities.
- 51 car parking spaces.

1.4 Plans

Site Location Plan – EPR_001 Site Location Plan
Site Layout Plan – EPR_002 Site Layout Plan

1.5 Permit and Licences

At the time of writing, S Norton & Co (hereon referred to as “SN&Co”) do not currently possess an environmental permit to operate the facility.

1.6 Reason for Application

SN&Co are seeking a Bespoke Installation Environmental Permit to operate as a non-hazardous and hazardous waste treatment installation. It is the intention of SN&Co to operate under the following parts of the Environmental Permitting (England and Wales) Regulations 2016:

- **Schedule 1 Part 2 Chapter 5 Section 5.3 Part A (1) – Disposal or recovery hazardous waste**

a) Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving one or more of the following activities:
ii) Physico-chemical treatment

This applies to the process of lead acid battery manual sorting and repackaging and the manual sorting and stripping of cables.

- **Schedule 1 Part 2 Chapter 5 Section 5.6 Part A (1) – Temporary or underground storage of hazardous waste**

a) Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes pending any of the activities listed in Section 5.1, 5.2, 5.3 and paragraph (b) of this section except-
i) Temporary storage, pending collection, on the site where the waste is generated.

Secondary activities:

- Metal recycling site – vehicle dismantling
- Metal recycling site – mixed metals

2.0 OVERVIEW OF PROPOSED OPERATION

2.1 Current Operation

SN&Co do not currently hold an environmental permit to store or process waste on site.

2.2 Proposed Operation

SN&Co are seeking permission to accept and process up to 275,000 tonnes of non-hazardous and hazardous waste per year. The wastes accepted by the site will consist of mixed scrap metals (ferrous & non-ferrous metals), large domestic appliances (LDAs), End of Life Vehicles

(ELVs) batteries and cables. Processing will consist of shearing, baling, ELV depollution, manual battery sorting, sampling and repackaging and manual sorting and stripping of cables.

2.3 Operational Layout

The operational layout of the facility is shown on the Site Layout Plan. In the northern portion of the development there is a weighbridge, non-ferrous metal storage building for public & itinerant merchant-based deposits and 39 car parking spaces. The central portion of the site features a site office and staff facilities, 3No. weighbridges, 4No. bulk non-ferrous bays with 2No. tilter bays and 1No. acculoader bay and metal shearer. The southern portion of the site features a workshop, ELV sorting and depollution building with 2No. depollution rigs, 2No. external wheel/tyre storage bays and mobile ELV baler. On the eastern side of the site spanning north to south is a shredder.

The site has a drainage system in place for the management of surface water generated on site via rainfall. All surface waters are directed via built falls into surface drains which drain via a silt trap and oil interceptor into the foul sewer under discharge consent. Rainwater falling on building roofs via gullies, spouting and down-pipes and is then directed to the same surface water drainage system.

All vehicles carrying waste enter and exit the site via 3No. weighbridges and adhere to the traffic routing system. Following inspection vehicles are directed to relevant waste unloading area.

2.4 Material to be Processed

The site proposes to accept mixed scrap metals (ferrous & non-ferrous), large domestic appliances (LDAs) and ELVs with all associated materials. A full itemised list of materials to be processed onsite, including EWC codes is provided with OP02 – Waste Acceptance.

2.5 Calculated Capacity

In order to determine the maximum viable tonnage that could be processed on site, a site capacity assessment (SN&Co-A03) has been undertaken. The site assessment has determined that the site has the capacity to accept and process more than the 275,000 tonnes of waste requested in this permit application.

2.6 Directly Associated Activities

The associated activities with the mixed scrap metals, LDAs and ELVs treatment processes are:

- Receipt and inspection of waste materials.
- Storage of non-hazardous and hazardous waste pending treatment or collection.
- Treatment of wastes.
- Dust suppression system.

3.0 OPERATING PROCEDURES

3.1 Waste Acceptance

Only wastes listed within Table S1.1 of the Environmental Permit and as described by the supplier will be accepted at the Site. Hazardous waste will not be mixed, either with a different category of hazardous waste or with other waste, substances, or materials, unless it is authorised by in Table S1.1 of the Environmental Permit and appropriate measures are taken.

Prior to wastes arriving at site merchants are assigned an SN&Co representative regional buyer who conducts a site inspection and agrees specifications of the grade of material to be accepted.

All loads arriving on site must be accompanied by the correct documentation. The supplier will be directed from the weighbridge to the correct tipping/unloading area and the material deposited. When the load is in a bulk vehicle and therefore has to be inspected, it will be tipped in the receiving area or within an area designated for the particular grade received.

Once received the load will be fully inspected and the contents confirmed for purposes of description and payment for the load. The inspecting site operative will contact the weighbridge office by radio and advise the office of the contents of the load. The vehicle, once unloaded, will be weighed out and the weighbridge ticket/waste transfer note will be completed.

Copies of all transfer/consignment notes will be kept available through the Company's electronic waste tracking system for the specified period (2 years for waste transfer notes and 3 years for hazardous waste consignment notes). If required, all records will be made available to the EA on request.

Please refer to OP02 – Waste Acceptance for full details of the waste acceptance procedure.

3.2 Operational Hours

Site operational hours for the facility will typically be as identified in Table 1 below:

Table 1 - Typical Site Operational Hours.

Weekday	Waste Acceptance	Waste Treatment
Monday to Friday	06:00 – 17:00	07:00 – 23:00
Saturday	06:00 - 12:00	07:00 – 23:00
Sunday	N/A	07:00 – 23:00
Bank Holiday	N/A	07:00 – 23:00

3.3 Technical Standards and Control Measures

SN&Co will be operating to industry best standards. A documented list of technical standards that will be operating is provided in Appendix A.

4.0 ENVIRONMENTAL IMPACT AND CONTROL MEASURES

It is recognised that all facilities have an impact on the environment around them. Consequently, SN&Co will be employing process management and monitoring techniques which will mitigate the environmental impact within the following areas.

4.1 Dust and Odour

The site has in place a full Fugitive Emissions Management Plan and Dust Management Plan. There are commercial/industrial properties within the immediate vicinity of the facility. Dust is controlled through the process via a ring main with multiple hydrants placed strategically around the site's perimeter. Odour is not considered to present a significant risk due to the types of materials accepted and the types of treatment activities undertaken within enclosed processing buildings.

4.2 Noise and Vibration

The site has in place a full Noise and Vibration Management Plan. There are other commercial/industrial properties in the immediate vicinity of the facility. Given these distances and the operational hours of the facility, noise is considered a potential issue within this permit application with controls provided within the Noise Management Plan.

4.3 Sensitive Receptors

There are no designated sensitive ecological receptors (e.g., Site of Special Scientific Interest, Ramsar Site, Special Areas of Conservation and Special Protected Area) within 250m of the site's boundary. The nearest ecological receptor is the Birmingham canal that runs along the southern perimeter of the site. Commercial/industrial receptors are directly adjacent to the site on the northern, eastern, and western perimeter of the site. The nearest residential receptor is located 356m southeast of the site.

APPENDIX A – TECHNICAL STANDARDS SUMMARY

SN&Co accept non-ferrous and ferrous metals, LDAs and ELVs for processing through the onsite waste treatment system. The table below presents a list of technical documents, with reference, for the process of treating non-hazardous and hazardous wastes. These documents have been utilised in order to fulfil the requirements of the bespoke permit application and will continue to be in use as point of reference during the operational life of the permitted site. Documents have been sourced from both regulatory agencies and industry led organisations.

Non-Hazardous and Hazardous Treatment - Technical Standards	
Technical Guidance Note	Document Reference
Develop a management system: environmental permits	DEFRA and EA Guidance
Controlling and monitor emissions for your environmental permit	DEFRA and EA Guidance
General guide to pollution prevention	EA Pollution Prevention Guidance
Guidance for the Recovery and Disposal of Hazardous and Non-Hazardous Waste	EA SGN IPPC S5.06
Best Available Techniques (BAT) Reference Document for Waste Treatment	European Guidance