

Non-Technical Summary

Prepared on Behalf of:

Wilson Landscaping Supplies Limited

Site Name:

Bowling Alley

Crandall

Hampshire

GU10 5RW

Environmental Permit Application Reference:

EA/EPR/JB3101CV/Av001

Version 1.0 (Submission Version)

DOCUMENT CONTROL SHEET

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Project:	Bespoke Permit Application
Title	Non-Technical Summary
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1 Introduction

1.1 The Application

- 1.1.1 This document is the Non-Technical Summary (NTS) that accompanies the application for a new Bespoke Environmental Permit (Reference EA/EPR/JB3101CV/AV001) at Wilson Landscaping Supplies Limited, Bowling Alley Crondall, Hampshire, GU10 5RW. The proposed Permitted Boundary & Site Location is detailed on the submitted Site Plan WLSL/SP/001.
- 1.1.2 The application seeks to allow Wilson Landscaping Supplies Limited to carry out the Treatment of Waste to Produce Soil, Soil Substitutes and Aggregate. The permit is based on the standard rules permit: Standard Rules SR2010 No12 Treatment of Waste to Produce Soil, Soil Substitutes and Aggregate.
- 1.1.3 It is worthy of noting that the site would have complied with the requirements of SR 2010 No12 for the Treatment of Waste to Produce Soil, Soil Substitutes and Aggregate, but unfortunately the proposed operation is located within 50 metres of a Local Wildlife Site (LWS), Ancient Woodland & a Protected Habitat.

2 Sufficient Competent Persons

- 2.1.1 Samuel James Wilson will provide Technically Competent Management for the site and is the Company Director. Evidence of the necessary TCM in the form of COTC certificates are submitted to support this application.

3 Site Location

- 3.1.1 The site is located at Bowling Alley, Crondall, Hampshire, GU10 5RW. National Grid Reference SU 79077 50027.
- 3.1.2 The site is located in an isolated position surrounded by woodland to the East, South and South-West. Directly North is an open yard with a number of commercial activities undertaken. East is a Residential Dwelling Located over 126 metres from the proposed operation. Vehicular access is gained off Farnham Road.

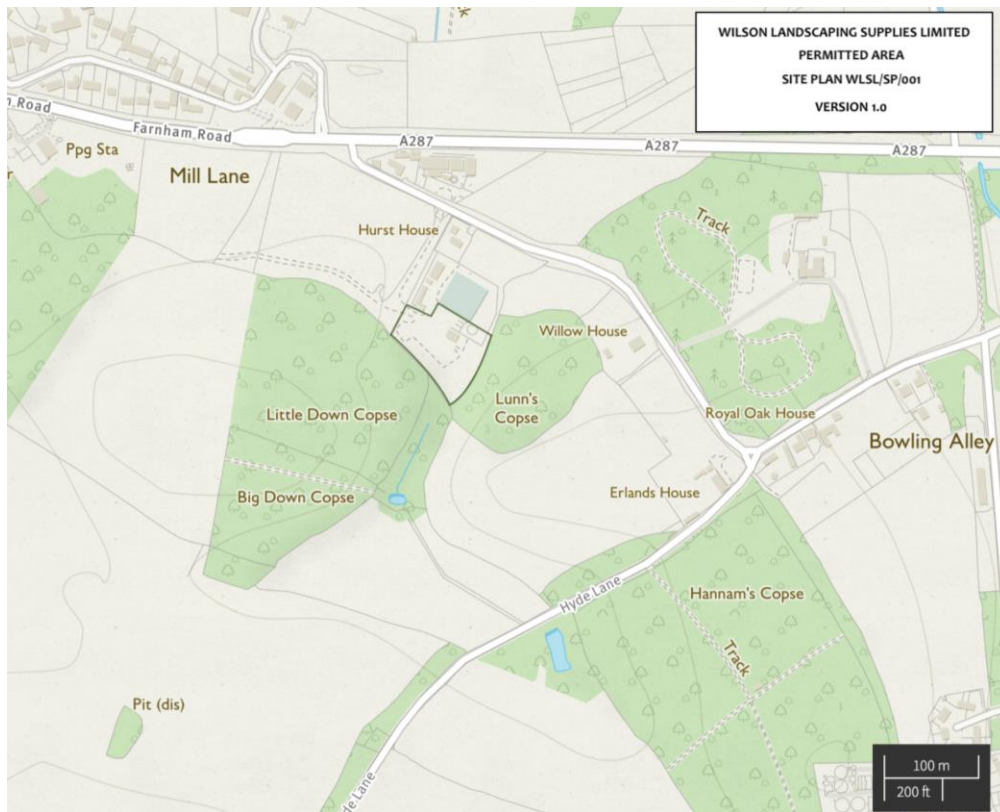


Figure 1: Proposed Permitted Boundary

3.2 Environmental Setting

3.2.1 Sensitive Receptors are detailed & assessed in the supporting Environmental Risk Assessment.

4 Risk Assessment & Management

4.1.1 An Environmental Risk Assessment has been produced and submitted in support of this application. The risk assessment details the key management measures for the protection of the environment, which includes fugitive emissions, noise & vibration, odour, litter, pests, scavenging birds, land contamination and fugitive water emissions.

4.1.2 Supporting Management Documentation:

1. Environmental Risk Assessment
2. Dust Emissions Management Plan
3. Noise & Vibration Emissions Management Plan
4. Environmental Management System

4.1.3 The site is operated by Wilson Landscaping Supplies Limited and an Environmental Management System (EMS) has been developed to reflect and control site operations. The EMS contains all the necessary requirements as detailed in the ‘*Development a management system: Environmental Permits Gov.uk Guidance*’, which includes, but is not limited to the operational, maintenance, training and emergency procedures. A copy of the EMS has been submitted in support of this application.

5 Permitted Waste Types

5.1.1 This permit authorises the acceptance, secure storage of wastes pending treatment, sorting, separation, screening, crushing and blending of waste for recover as a soil, soil substitute or aggregate up to 75,000 tonnes per annum. Storage of wastes listed below in [Table 1](#) shall not exceed 10,000 tonnes if located within a Source Protection Zones (SPZ) 1 or 2, these waste streams will be stored on an impermeable concrete surfacing benefitting from a sealed drainage system. If not stored within the SPZ then they will not require these extra measures.

Table 1: Permitted Waste Types (Requiring an Impermeable Concrete Surfacing & Sealed Drainage If With a Groundwater Source Protection Zone 1 or 2 Designation)

03 WASTES FROM WOOD PROCESSING AND THE PRODUCTION OF PANELS AND FURNITURE, PULP, PAPER AND CARDBOARD	
03 01	WASTES FROM WOOD PROCESSING AND THE PRODUCTION OF PANELS AND FURNITURE
03 01 01	WASTE BARK AND CORK
03 01	WASTES FROM PULP, PAPER AND CARDBOARD PRODUCTION AND PROCESSING
03 03 01	WASTE BARK AND WOOD
10 WASTE FROM THERMAL PROCESSES	
10 01	WASTES FROM POWER STATIONS AND OTHER COMBUSTION PLANTS
10 01 01	BOTTOM ASH AND SLAG ONLY
10 01 05	GYPHUM (SOLID) ONLY
10 01 07	GYPHUM (SLUDGE) ONLY
10 01 15	BOTTOM ASH AND SLAG ONLY FROM CO-INCINERATION OTHER THAN THOSE MENTIONED IN 10 01 14
17 CONSTRUCTION AND DEMOLITION WASTE (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	
17 05	SOIL (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES), STONES AND DREDGING SPOIL
17 05 06	DREDGING SPOIL OTHER THAN THOSE MENTIONED IN 17 05 05
17 08	GYPHUM-BASED CONSTRUCTION MATERIAL
17 08 02	GYPHUM-BASED CONSTRUCTION MATERIALS OTHER THAN THOSE MENTIONED IN 17 08 01
19 WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION/INDUSTRIAL USE	
19 05	AEROBIC TREATMENT OF SOLID WASTES
19 05 03	OFF-SPECIFICATION COMPOST
19 09	WASTES FROM THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION OR WATER FROM INDUSTRIAL USE
19 09 02	SLUDGES FROM WATER CLARIFICATION
19 12	MECHANICAL TREATMENT OF WASTE (FOR EXAMPLE SORTING, CRUSHING, COMPACTING, PELLETISING) NOT OTHERWISE SPECIFIED
19 12 12	TREATED BOTTOM ASH INCLUDING IBA AND SLAG OTHER THAN THAT CONTAINING DANGEROUS SUBSTANCES ONLY
19 13	SOIL AND GROUNDWATER REMEDIATION
19 13 02	SOLID WASTES FROM SOIL REMEDIATION OTHER THAN THOSE MENTIONED IN 19 13 01
19 13 04	SLUDGES FROM SOIL REMEDIATION OTHER THAN THOSE MENTIONED IN 19 13 03

5.1.2 All other wastes as detailed in Table 2 below shall not exceed 40,000 tonnes at any one time. No more than 75,000 tonnes of wastes shall be accepted, treated and stored per annum. Treatment of slags and ashes for disposal shall not exceed 50 tonnes per day, or if for a mix of recovery and disposal shall not exceed 75 tonnes per day.

Table 2: Permitted Waste Types (SR2012 No10 Waste Types)

01 WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS	
01 04	WASTES FROM PHYSICAL AND CHEMICAL PROCESSING OF NON-METALLIFEROUS METALS
01 04 08	WASTE GRAVEL AND CRUSHED ROCKS OTHER THAN THOSE MENTIONED IN 01 04 07
01 04 09	WASTE SANDS AND CLAYS
02 WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING	
02 02	WASTES FROM PREPARATION AND PROCESSING OF MEAT, FISH, AND OTHER FOODS OF ANIMAL ORIGIN
02 02 02	SHELLFISH SHELLS FROM WHICH THE SOFT TISSUE OR FLESH HAS BEEN REMOVED ONLY
10 WASTE FROM THERMAL PROCESSES	
10 01	WASTES FROM POWER STATIONS AND OTHER COMBUSTION PLANTS
10 01 02	PULVERISED FUEL ASH ONLY
10 11	WASTES FROM MANUFACTURE OF GLASS AND GLASS PRODUCTS
10 11 12	CLEAN GLASS OTHER THAN THOSE MENTIONED IN 10 11 11
10 12	WASTES MANUFACTURE OF CERAMIC GOODS, BRICKS, TILES AND CONSTRUCTION PRODUCTS
10 12 08	WASTE CERAMICS, BRICKS, TILES AND CONSTRUCTION PRODUCTS (AFTER THERMAL PROCESSING)
10 13	WASTES MANUFACTURE OF CEMENT, LIME, AND PLASTER PRODUCTS AND ARTICLES AND PRODUCTS MADE FROM THEM
10 13 14	WASTE CONCRETE ONLY
15 WASTE PACKAGING, ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING	
15 01	PACKAGING (INCLUDING SEPARATELY COLLECTED MUNICIPAL PACKAGING WASTE)
15 01 07	GLASS PACKAGING
17 CONSTRUCTION AND DEMOLITION WASTE (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	
17 01	CONCRETE, BRICKS, TILES AND CERAMICS
17 01 01	CONCRETE
17 01 02	BRICKS
17 01 03	TILES AND CERAMICS
17 01 07	MIXTURES OF CONCRETE, BRICKS, TILES AND CERAMICS OTHER THAN THOSE MENTIONED IN 17 01 06*
17 02	WOOD, GLASS AND PLASTIC
17 02 02	GLASS
17 03	BITUMINOUS MIXTURES, COAL TAR AND TARRED PRODUCTS
17 03 02	ROAD BASE AND ROAD PLANINGS (OTHER THAN THOSE CONTAINING COAL TAR) ONLY
17 05	SOIL (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES), STONES AND DREDGING SPOIL
17 05 04	SOIL AND STONE OTHER THAN THOSE MENTIONED IN 17 05 03
17 05 08	TRACK BALLAST OTHER THAN THOSE MENTIONED IN 17 07 07
19 WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION/INDUSTRIAL USE	
19 08	WASTES FROM WASTE WATER TREATMENT PLANTS NOT OTHERWISE SPECIFIED
19 08 02	WASHED SEWAGE GRIFT (WASTE FROM DESANDING) FREE FROM SEWAGE CONTAMINATION ONLY
19 08 99	STONE FILTER MEDIA IF FREE FROM SEWAGE CONTAMINATION ONLY
19 12	MECHANICAL TREATMENT OF WASTE (FOR EXAMPLE SORTING, CRUSHING, COMPACTING, PELLETISING) NOT OTHERWISE SPECIFIED
19 12 05	GLASS
19 12 09	MINERALS (FOR EXAMPLE SAND AND STONES)
20 MUNICIPAL WASTE AND SIMILAR MATERIALS FROM COMMERCE AN INDUSTRY	
20 01	SEPARATELY COLLECTED FRACTIONS
20 01 02	GLASS
20 02	GARDEN AND PARK WASTES
20 02 02	SOIL AND STONES

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Table 3: Exclusions

Exclusions
<p>Wastes having any of the following characteristics will not be accepted:</p> <ul style="list-style-type: none"> • Consisting solely or mainly of dusts, powder or loose fibres • Hazardous Wastes • Wastes that are in sludge or liquid form.

6 Specified Waste Management Operations

Table 4: Specified Waste Management Operations (SR2010 No12)

Description of Activities	Activity	Limitations on Activity	
<p>D15 Storage Pending any of the operations number D1 to D14 (Excluding Temporary storage, pending collection, on the site where it is produced).</p>	<p>The receipt, storage or keeping of waste prior to treatment and despatch offsite. Segregated materials and residues will be stored pending removal offsite for recycling/reprocessing, recovery or disposal.</p>	<p>Storage of wastes listed in Table 1 above shall not exceed 10,000 tonnes at any one time. All other waste shall not exceed 40,000 tonnes at any one time.</p>	
<p>R13: Storage of wastes pending any of the operations numbered R3 & R5</p>			<p>Recycling/ reclamation of: R3: Recycling or reclamation of organic substances, which are not used as solvents. R5: Recycling/reclamation of other inorganic materials.</p>
<p>Recycling/ reclamation of: R3: Recycling or reclamation of organic substances, which are not used as solvents. R5: Recycling/reclamation of other inorganic materials.</p>	<p>Segregated materials will be stored pending recycling/reprocessing, which in the case of inert materials e.g. crushing of hardcore or soil screening.</p>	<p>Treatment consisting only of manual sorting, separation, screening, crushing and blending of waste for recovery as a soil, soil substitute or aggregate. No more the 75,000 tonnes of waste shall be treated per annum. Treatment of slags and ashes for disposal shall not exceed 50 tonnes per day, or if for a mix of recovery and disposal shall not exceed 75 tonnes per day.</p>	

6.1 Proposed Operation Flow Diagram

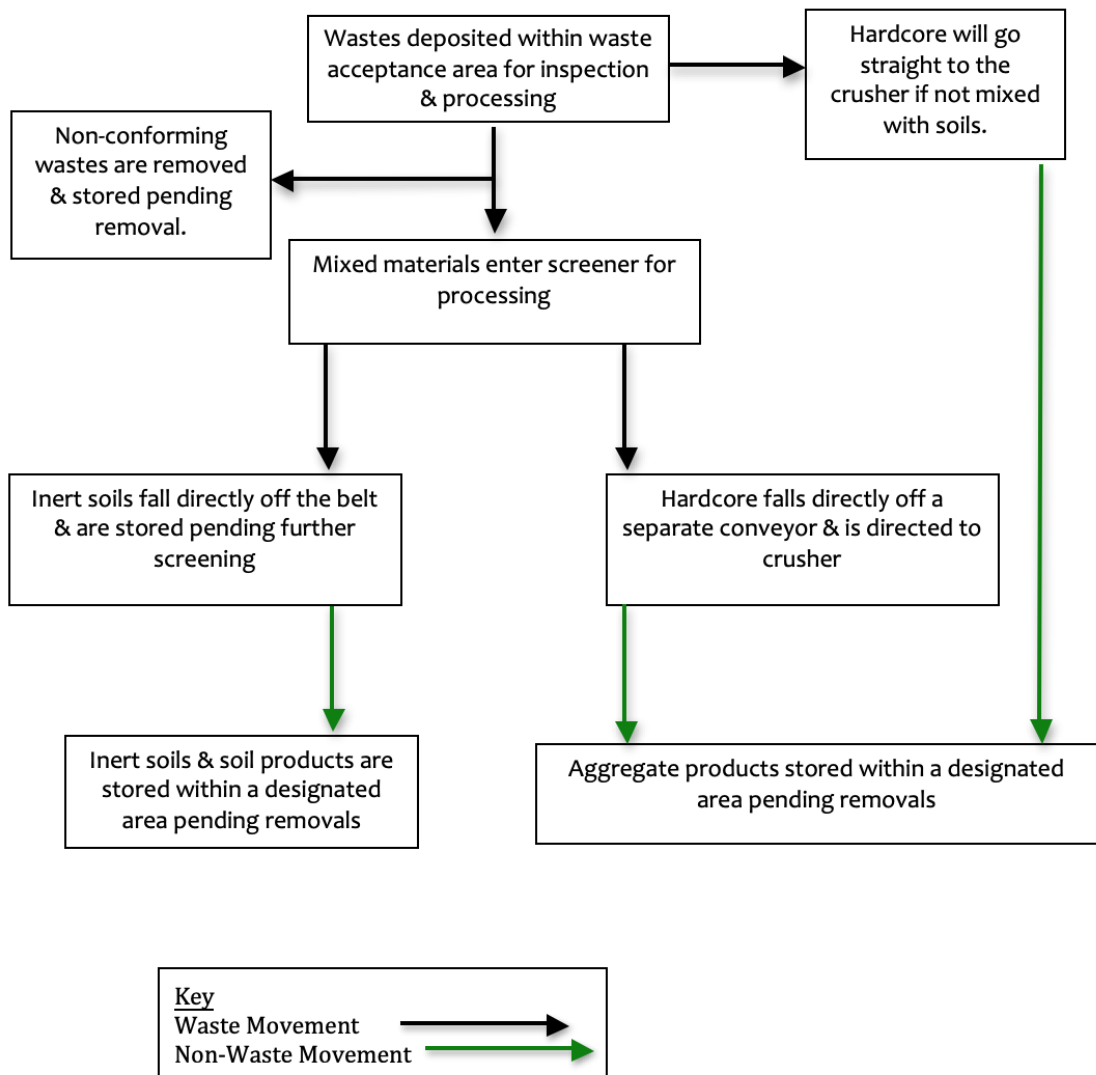


Figure 2: Operational Flow Diagram

7 Waste Acceptance Procedures

- 7.1.1 Compliance with the permitted waste types is assured by the following measures:
1. Prohibited material is clearly stated and reflected in terms & conditions of business;
 2. When collecting wastes the driver will inspect and check to see if any prohibited material is present. If it is, the customer will be notified and advised of the following course of action available:
 - a) Removed and left at the customers premises
 - b) Accepted and disposed of directly to a site permitted to accept the waste
 3. On delivery to site the driver will hand all paper copies of any Duty of Care Documentation to the Site Office; and
 4. Once all Duty of Care Documentation has been approved the wastes will be deposited in the Waste Acceptance Area for inspection, acceptance & processing (machine operatives will spread out the loads to aid the visual inspection process).
- 7.1.2 If any prohibited materials are present the following course of action will be taken:
- a) Require the individual to load the non-permitted materials back onto the delivery vehicle; or
 - b) Accept, isolate & arrange for removal to an authorised waste management facility.
 - c) Under no circumstances will non-permitted wastes be retained onsite and dealt with as if it is permitted.
 - d) The Agency will be notified if a delivery is rejected.
- 7.1.3 If the prohibited material becomes apparent only after the above waste acceptance checks have been completed the following action will be taken:
- a) The load will be isolated within the isolation facility (appropriate PPE will be worn if necessary) and removed from site to a suitably permitted facility at the earliest opportunity.
 - b) In each case, the incident will be recorded in the Site Diary (taking note of the vehicle registration, date & time of the incident). If identifiable the individual will be notified of the event and reminded of the terms on which waste is accepted onto site. (It will be at the discretion of the Management Team if they wish to ban an individual/company following an incident).
 - c) Under no circumstances will prohibited waste be retained onsite and dealt with as if it is permitted.
 - d) The Agency will be notified if a delivery is rejected.

7.2 Rejection Procedure

7.2.1 Any wastes identified as being unsuitable for disposal at the site will be rejected & recorded in the Site Diary.

7.2.2 A record will be kept of the following pieces of information:

- a) Date & time
- b) Person rejecting the waste(s)
- c) Haulier/customer name and address including carriers' number
- d) Vehicle registration number
- e) Procedure name and address
- f) EWC number
- g) Transfer Note Number
- h) Waste Description

8 Processing Procedures

1. Once operatives are satisfied that the waste(s) deposited are as described in the accompanying documentation and that the waste(s) fall within the terms of the site permit, processing of the waste(s) will commence.
2. Inert materials will be loaded into screeners using a 360 grab, removing any heavier stones from the stream to produce a variety of soil stocks. These soils will be subject to sampling to qualify them as substitute products & compliant with the BS 3882 standard.
3. Hardcore materials will be loaded into a crusher using a 360 grab and processed to produce a variety of aggregate stock compliant with the WRAP Quality Protocol: Aggregates from Inert Wastes. Wastes will be tested as stipulated within this QP.
4. Any residues (i.e. light fractions & metals) will be removed from the streams & stored in a skip container pending removal.

9 Storage Procedures

1. Waste material pending processing will be deposited within the waste acceptance area & stored pending processing.
2. Processed soils will be stored within a designated area of the site, which will be dependant on the composition of the material & the specified outlet.
3. Processed aggregate materials will be stored within a designated area of the site, which will be dependant on the composition of the material & the specified outlet.

4. Residues will be stored within a skip container pending removal for further waste management operations off site.