NON-TECHNICAL SUMMARY

NB Clark Ltd

Butterwell DP Recycling Centre

Longhirst

Morpeth

Northumberland

NE61 3NF

EPR/LB3004MK/A001

Olive Compliance Ltd
Planet House, Northumbrian Way, Newcastle-upon-Tyne, NE12 6EH
Company No: 12861220

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1.0 Introduction

NBC (Clark Homes Ltd) has instructed Olive Compliance Limited (OCL) to prepare an application for a Bespoke Environmental Permit Application for an inert waste transfer station, with treatment at Butterwell Disposal Point, Longhirst, Morpeth, Northumberland, NE61 3NF.

This non-technical summary provides a summary of the regulated facility, an explanation of exactly what is being applied for, and a summary of the key technical standards and control measures that will be implemented at the site as a result of the application.

1.1 The Site

The site (centred at NGR 424550 591100) is located at Butterwell Disposal Point, Longhirst, Morpeth, Northumberland, NE61 3NF. The site is principally bounded as detailed in Table 1 below.

Table 1 – Site Location

Boundary	Description
North	**Rural/Agricultural**
East	**Rural/Agricultural**
South	**Rural/Agricultural**
West	**Rural/Agricultural**

The site location and environmental site setting is shown below.

Image 1 – Site Setting



Based upon the Ordnance Survey Map with the permission of the Controller of Her Majesty's Stationery Office ©Crown Copyright Olive Compliance Limited.

1.2 Proposed Permitted Activities

It is proposed to develop part of the former Butterwell Surface Mine Site and Coal Disposal Point for the erection of a plant for the recycling of inert construction and demolition waste and the production of secondary aggregates and soil materials.

Proposed annual tonnage is 150,000 tonnes.

Waste activities proposed are detailed below.

- R13: Storage of wastes pending the operations numbered R3 and R5.
- R3: recycling or reclamation of organic substances which are not used as solvents.
- R5: Recycling or reclamation of other inorganic materials.

Treatment will be in the form of sorting, separation, screening, washing, crushing and blending of waste for recovery as a soil, soil substitute or aggregate.

The “state of the art” recycling plant which will process inert construction and demolition waste to produce high quality washed secondary aggregate and soil products. The washed secondary aggregates can be used on a wide range of construction projects and are of a much higher quality than most secondary aggregate products which are only crushed and screened but not washed. The washing process also facilitates the production of a soil product which can be used for landscaping and site restoration.

EWC codes are details in Appendix 1 and 2 of this document. EWC codes proposed are based on wastes listed in the Standard Rules SR2022 no1.

Waste storage shall not exceed 40,000 tonnes in total at any one time.

2.0 Application Contents

In view of the foregoing, the application comprises the following elements:

1. Application forms (Parts A, B2,B4 and F1);
2. Non-Technical Summary (NTS_NBC);
3. Management System (EMS_NBC);
4. Environmental Risk Assessment (ERA_NBC);
5. WAMITAB certification (TCM_NBC);
6. Director Information (DIRECTOR_NBC);
7. Ecological Appraisal and Habitats (EA_NBC & HAB_NBC);
8. Operating Techniques (OT_NBC);
9. Site Condition Report (SCR_NBC);
10. Dust and Emissions Management Plan;

11. PreApplication Advice; and
12. Drawings.

2.1 Application Forms

Parts A, B2, B4 and F1 of the Environment Agency's application forms have been completed in support of the application and are enclosed as Section 1 of the application.

2.2 Non-Technical Summary

As part of the application this non-technical summary (NTS) is a concise document that provides a description of the application process should also provide an effective outline of all the key points set out in an Environmental Statement.

This document also includes the proposed EWC codes to be accepted (See Appendix 1).

2.3 Environmental Management System

NBC operate their own in-house Quality Environmental Management System which ensures that:

- The risks that the activities pose to the environment are identified;
- The measures that are required to minimise the risks are identified;
- The activities are managed in accordance with the management system;
- Performance against the management system is audited at regular intervals; and
- The Environmental Permit is complied with.

A copy of the Company Working Plan is included as Section 3 of the application and a summary of the key technical standards for the management of the recycling facility is included in Section 4.0 of this non-technical summary.

2.4 Environmental Risk Assessment

An Environmental Risk Assessment (ERA) has been undertaken and submitted with the permit variation application to assess and mitigate risks associated with the proposed changes on the site. There will be no point source emissions to groundwater, surface water or air resulting from the waste activity, and neither will there be any site waste arising or global warming potential.

Therefore only 'Amenity and Accidents' remains applicable for assessment in this instance, and includes the consideration of odour, noise and vibration, fugitive emissions (including dust, mud, litter and pests) and accidents.

The ERA concludes that with the implementation of risk management measures, as described in the ERA, potential hazards from the facility are unlikely to be significant.

This risk assessment includes supporting documents in the form of a Flood Risk Assessment and a Noise Assessment undertaken by NBC during the planning process.

The Environmental Risk Assessment is included in Section 4 of this application.

2.5 Wamitab

Operations at the site will be under the overall control of a technically competent person who holds the relevant Certificate of Technical Competence (COTC) under the Waste Management Industry Training and Advisory Board (WAMITAB) scheme.

Evidence of competence is supplied within the application in Section 5 of this application.

2.6 Directors Information

Directors' information is supplied in Section 6 of this application.

2.7 Ecological Appraisal

An Independent Ecological Appraisal has produced to support the application and the Environmental Risk Assessment.

2.8 Operating Techniques

NBC operate their own in-house management system which ensures that:

- The risks that the activities pose to the environment are identified;
- The measures that are required to minimise the risks are identified;
- The activities are managed in accordance with the management system;
- Performance against the management system is audited at regular intervals; and
- The Environmental Permit is complied with.

The Operating Techniques document is included in Section 8 of this application.

2.9 Site Condition Report

As site condition report has been prepared in relation to the proposed permit. This is included within Section 9 of this application.

2.10 Dust and Emissions Management Plan

As Dust and Emissions Management Plan has been prepared in relation to the proposed permit and site activities. This is included within Section 10 of this application.

2.11 Pre-Application Advice

Preapplication advice was requested from the Environment Agency. Copies of all supporting Pre-App advice is included within Section 11 of the application.

2.12 Drawings

Various drawings are included to support the permitted area, site activities and layout are referenced as per the below.

Drawing 001 – Location Plan

Drawing 002 – Permitted Area

Drawing 003 – Layout Plan

Drawing 004 – Receptor Plan

Drawing 005 – Drainage and Water Supply

Drawing 006 – Wash plant and Layout

3.0 Key Technical Standards

The key technical standards which will be employed to ensure that the proposed activities do not give rise to a significant environmental impact are summarised below:

- The Environmental Permitting (England and Wales) Regulations 2016;
- Develop a management system: environmental permits, February 2016;
- Control and monitor emissions for your environmental permit, February 2016;
- Fire prevention plans: environmental permits, January 2021;
- Risk assessments for your environmental permit, February 2016; and

- Sector Guidance Note S5.06: recovery and disposal of hazardous and non-hazardous waste, May 2013;
- Non-hazardous-and-inert-waste-appropriate-measures-for-permitted-facilities.

In summary, the rules and operating procedures employed at the site will ensure that:

- All waste is managed in accordance with the Environmental Permit, supporting documents and legal requirements;
- The management and prevention of fires on site will be controlled via the Fire Prevention Procedure;
- The storage and treatment of waste is undertaken on impermeable surfacing with sealed drainage where applicable;
- Any tanks or containers used for the storage of any liquid fuel oil or other potentially polluting liquids/materials shall at all times be labelled as to the contents, and will be fit for purpose;
- Vehicles and plant will be appropriately maintained to ensure that operation will not give rise to unacceptable noise or vibration levels; and
- The risk of fugitive emissions (dust, noise, odour, pest and litter) is minimised;

Procedures are in place for the regular inspection and maintenance of storage areas and associated infrastructure, including site surfacing, drainage systems and containment measures.

Records will be maintained detailing any action taken to repair infrastructure and faults.

An Accident Management Plan is maintained and regularly reviewed to assess and minimise environmental risks and hazards of accidents and their consequences.

4.0 Conclusion

The overall conclusion from the studies undertaken in support of the permit variation application is that there is unlikely to be a significant environmental impact upon potentially sensitive receptors as a result of the proposed Environmental Permit variation.

NBC is fully committed to ensuring the highest standards are met and will undertake its activities in a manner consistent with best industrial practices and with the implementation of the company's management system.

Annex 1 – EWC Codes – Washplant

01 04 08	waste gravel and crushed rocks other than those mentioned in 01 04 07
01 04 09	waste sand and clays
10 11 12	waste glass other than those mentioned in 10 11 11
10 12 08	waste ceramics, bricks, tiles and construction products (after thermal processing)
10 13 14	waste concrete (only) no sludge
15 01 07	clean glass
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 02	clean glass only
17 03 02	bituminous mixtures other than those mentioned in 17 03 01
17 05 04	soil and stones other than those mentioned in 17 05 03
17 05 06	dredging spoil other than those mentioned in 17 05 05
17 05 08	track ballast other than those mentioned in 17 05 07
19 12 05	clean glass only
19 12 09	minerals (for example sand, stones)
19 13 02	solid wastes from soil remediation other than those mentioned in 19 13 01
20 01 02	clean glass only
20 02 02	soil and stones

Annex 2 – EWC Codes – Transfer Station

NB Clark Limited

Butterwell Waste Transfer Station

EWC Codes

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 minerals**
01 04 08	waste gravel and crushed rocks other than those mentioned in 01 04 07
01 04 09	waste sand and clays
02	**WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING**
02 02	**waste 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
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 03	**wastes from pulp, paper and cardboard production and processing**
03 03 01	waste bark and wood
10	**WASTES FROM THERMAL PROCESSES**
10 01	**waste from power stations and other combustion plants**
10 01 01	bottom ash and slag only
10 01 02	pulverised fuel ash only
10 01 05	gypsum (solid) only
10 01 07	gypsum (sludge) only
10 01 15	bottom ash and slag only from co-incineration other than those mentioned in 10 01 14
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 from 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 from manufacture of cement, lime and plaster products and articles and products made from them**

10 13 14	waste concrete only
15	**WASTE PACKAGING**
15 01	**packaging**
15 01 07	clean glass only
17	**CONSTRUCTION AND DEMOLITION WASTES (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	clean glass only
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 stones other than those mentioned in 17 05 03
17 05 06	dredging spoil other than those mentioned in 17 05 05
17 05 08	track ballast other than those mentioned in 17 05 07
17 08	**gypsum based construction material**
17 08 02	gypsum only other than that 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 WASTE**
19 05	**wastes from aerobic treatment of solid waste**
19 05 03	compost from source segregated biodegradable waste only
19 08	**wastes from waste water treatment plants not otherwise specified**
19 08 02	washed sewage grit (waste from desanding) free from sewage contamination only
19 08 99	stone filter media if free from sewage contamination only
19 09	**wastes from the preparation of water intended for human consumption or water for industrial use**
19 09 02	sludges from water clarification
19 12	**wastes from the mechanical treatment of wastes**
19 12 05	clean glass only
19 12 09	minerals (for example sand, stones)
19 12 12	treated bottom ash including IBA and slag other than that containing dangerous substances only
19 13	**wastes from 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
20	**MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS**
20 01	**separately collected fractions**
20 01 02	clean glass only
20 02	**garden and park wastes**
20 02 02	soil and stones

N.B.CLARK
MORPETH