

NON-TECHNICAL SUMMARY

Moss Lane, Worsley, Manchester, M28 3LY

UBU Environmental Ltd

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1 Introduction

- 1.1.1 Oaktree Environmental Ltd have been instructed by UBU Environmental Ltd (the Operator) to prepare this Non-Technical Summary (NTS) in support of an Environmental Permit Variation Application.
- 1.1.2 This application seeks to vary Environmental Permit Ref. RP3498CT (the Permit) which authorises operations at Moss Lane, Worsley, Manchester, M28 3LY.
- 1.1.3 The existing Permit allows for the physical treatment of non-hazardous construction and demolition waste and street cleaning residues via dewatering, settlement and physical sorting or separation, activity ref. 1.16.12 in accordance with the Environment Agency Charging Scheme.

1.2 Operator Details

- 1.2.1 UBU Environmental Ltd company details including information regarding the Technically Competent Manager (TCM) are provided below:

Table 1.1 Company Details

Company Name	UBU Environmental Ltd
Company Number	030507933
Registered Address	Moss Lane off Sharp Street, Worsley, Manchester, England, M28 3LY
Incorporation Date	11 February 1998

Technically Competent Manager

- 1.2.2 Edward Murphy is the TCM for this site, a copy of his appropriate WAMITAB qualification has been included, see Appendix I.

2 Application Proposals

2.1.1 This application seeks to vary the Permit to:

- Include blending, crushing and screening in the list of activities authorised under the physical treatment of non-hazardous waste activity ref. 1.16.12.
- Add new physical and chemical treatment of waste activity ref. 1.16.14 and the following treatment activities:
 - Washing
 - Centrifuging
 - De-watering
- The throughput of the 1.16.14 activity will be less than 75,000 tonnes per annum.
- The total combined throughput will be 185,000 tonnes for the two activities combined
- Amend the description of EWC code 17 09 04 in the 1.16.12 to “Mixed C&D waste arising only from 17 01 and 17 05 codes” as the site is not accepting combustible waste
- Include additional waste types and amend the description of some waste types which can already be accepted at the site as detailed in Section 2.2.

2.1.2 Waste types accepted on site will be divided depending on which treatment operation it is due to be undertaken.

2.2 Proposed EWC codes to be accepted at the site

2.2.1 Waste types to undergo physical treatment (1.16.12 activity) are listed in Table 2.1 below.

Table 2.1 Wastes types to undergo Physical Treatment (110,000 tonnes per annum)

Waste Code	Description
10	Thermal Processes
10 13	Manufacture of cement – lime and plaster and articles and products made from them
10 13 14	Waste concrete
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 & ceramics
17 01 07	Mixture of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06
17 03	Bituminous mixtures – coal tar and tarred products
17 03 02	Road planings
17 05	Spoil (including excavated soil from contaminated sites), stones and dredging spoil
17 05 04	Soils and stones other than those mentioned in 17 05 03
17 05 06	Dredging spoil other than those mentioned in 17 05 05
17 09	Other construction and demolition waste
17 09 04	Mixed construction and demolition waste arising only from 17 01 and 17 05 codes only
19	Materials from waste and water treatment
19 01	Incineration or pyrolysis of waste
19 01 12	Bottom ash and slag other than those mentioned in 19 01 11
19 02	Physico/chemical treatments of waste (including dechromatation – decyanidation – neutralisation)
19 02 06	Sludges from physico / chemical treatment other than those mentioned in 19 02 05
19 12	Mechanical treatment of waste (for example, sorting – crushing – compacting – pelletising) not otherwise specified
19 12 09	Minerals (for example sand, stones)
19 12 12	Restricted to crushed bricks, tiles, concrete and ceramics only. Metal from reinforced concrete must be removed. Does not include fines from treatment of any non-hazardous waste or gypsum from recovered plasterboard
19 12 12	Soil substitutes other than that containing dangerous substances only

20	Municipal waste (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions
20 02	Garden and park wastes (including cemetery waste)
20 02 02	Soil and stones

2.2.2 Waste types to undergo physical and chemical treatment (1.16.14 activity) are listed in Table 2.1 below.

Table 2.2 Wastes to undergo Physico / Chemical Treatment 75,000 tonnes per annum

Waste Code	Description
16	Other wastes from industrial processes
16 10	Aqueous liquid wastes destined for off-site treatment
16 10 02	Aqueous liquid waste other than those mentioned in 16 10 01
16 10 04	Aqueous concentrations other than those mentioned in 16 10 03
17	Construction and demolition wastes (including excavated soil from contaminated sites)
17 05	Spoil (including excavated soil from contaminated sites), stones and dredging spoil
17 05 04	Soils and stones other than those mentioned in 17 05 03
17 05 06	Dredging spoil other than those mentioned in 17 05 05
17 09	Other construction and demolition waste
17 09 04	Mixed construction and demolition waste arising only from 17 01 and 17 05 codes.
19	Materials from waste and water treatment
19 02	Physico/chemical treatments of waste (including dechromatation – decyanidation – neutralisation)
19 02 06	Sludges from physico / chemical treatment other than those mentioned in 19 02 05
19 12	Mechanical treatment of waste (for example, sorting – crushing – compacting – pelletising) not otherwise specified
19 12 09	Minerals (for example sand, stones)
19 12 12	Soil Substituted other than that containing dangerous substances only
20	Municipal waste (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions
20 03	Other municipal waste
20 03 03	Street-cleaning residues

3 Documentation and fees

3.1 Fees

3.1.1 The following table sets out the fees required for the application.

Table 3.1 – Base Application Fee Table

EPR Charging Scheme Ref	EPR Charging Scheme Ref & Description	Type of application	Fee
1.16.12	Physical treatment of non-hazardous waste	Normal variation	£3,965
1.16.14	Physical and chemical treatment of hazardous waste.	New activity	£7,930
		TOTAL	£11,895

3.2 Documentation

3.2.1 The following table sets out the documentation UBU Environmental Ltd will be submitting with this application:

Table 3.2 – Additional Application Fees Table - Charges for plans and assessments

General	Consideration	Document & Ref	Fee
Forms Part A, C2, C4 & F1	Mandatory	N/A	N/A
Evidence of technical competence	Mandatory	MOSS-3448-G	N/A
Management System	Mandatory	MOSS-3448-A	N/A
Waste Recovery Plan	N/A	N/A	N/A
Habitats Assessment	N/A	N/A	N/A
Fire Prevention Plan	N/A – no combustible wastes being accepted on site	N/A	N/A
Dust & Emissions Management Plan	Considered necessary due to proximity of sensitive receptors	MOSS-3448-D	£1,241

Odour Management Plan	N/A – no wastes with odour potential being accepted	N/A	N/A
Noise Impact Assessment and Noise & Vibration Management Plan &	Considered necessary due to proximity of sensitive receptors	MOSS-3448-FA MOSS-3448-FB	£1,246
Pests Management Plan	N/A – no wastes with pests potential being accepted	N/A	N/A
		TOTAL	£2,487

3.2.2 Based on the above, the total fee payable to the Environment Agency on submission will be **£14,382**.

3.2.3 The table overleaf summarises which parts of the application forms request the above documentation which would normally be completed in Application Form Part F1; Section 6.

Table 3.3 – Application Form Reference Table

Application Form	Question Ref	Document Ref
Part C2	2b & Table 1	MOSS-3448-B
Part C2	3b	MOSS-3448-G
Part C2	3d	MOSS-3448-AB
Part C2	5a	MOSS-3448-01, MOSS-3448-02, MOSS-3448-03, MOSS-3448-04 – also found in Appendices of main documentation
Part C2	5c	MOSS-3448-B
Part C2	6	MOSS-3448-C
Part C4	1 & Table 1a	MOSS-3448-B
Part C4	3 & Table 3b	MOSS-3448-FA, MOSS-3448-FB, MOSS-3448-G

4 Summary of waste storage and treatment

4.1 Waste storage and treatment summary

- 4.1.1 It is proposed the site can accept, store and treat the following under the two separate activities:

Table 4.1 – Activities summary

Activity	Max. treatment per day (tonnes)	Max treatment per annum (tonnes)	Max storage quantity (tonnes)
1.16.12 - Physical treatment of non- hazardous waste	750	110,000	40,000
1.16.14 - Physical and chemical treatment of waste	500	75,000	10,000