NICK BROOKES DEMOLITION AND WASTE DISPOSAL

RECYCLING CENTRE

WARDLE INDUSTRIAL ESTATE

Management System (version 7.1 08/04/2011)

(2136/202/MS/01)

Prepared by:

Oaktree Environmental Ltd

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Document history:

Document Versions	**Issue date**	**Status**	**Revisions/comments**
5.1	28th April 2006	Approved version	Previous agreed versions including version 2.2 dated 23 November 2000
6.1	27 October 2009	Submission for approval by EA	Submitted as update to above Working Plan
Drawing No. 202/1025/NB/13	27 October 2009	Submission to EA	Revised site Layout Drawing also showing Permit Boundary edged in Red
6.2	7 December 2009	Submission to EA	Revised document and attachments
6.3	8 December 2009	Submission to EA	Revised document and attachments
6.4	4 June 2010	Revised	Following EA comments
7.0	6 April 2011	Revised	As part of submission to increase permit boundary to include soils washing plant within the permit.
7.1	8 April 2011	Revised	As part of submission to increase permit boundary to include soils washing plant and proposed composting facility within the permit.

1.0 GENERAL CONSIDERATIONS

1.1 Site operator/licence holder

1.1.1 Nick Brookes Demolition & Waste Disposal's skip hire and waste transfer station operations are managed by Nick Brookes. The site which is the subject of this internal management system currently receives waste collected from its own operations and from other waste carriers from Cheshire and neighbouring counties. The purpose of the transfer station is to recycle and recover up to 90% of the waste delivered to the site.

1.1.2 The company's office is situated on land opposite the transfer station on Green Lane, contact details are given below:

Nick Brookes Demolition & Waste Disposal
Recycling Centre
Green Lane
Wardle Industrial Estate
Wardle
Cheshire CW5 6DB

Tel: 01829 - 260687
Fax: 01829 - 260556

1.1.3 Oaktree Environmental Ltd have acted as consultants for Nick Brookes Demolition and Waste Disposal since 1997. This management system has been updated to reflect recent site and legislation changes including the Environmental Permitting (England and Wales) Regulations 2007 and 2010 and therefore the inclusion of the soils washing plant which was registered as a Paragraph 13 waste exemption. The document provides information to the Environment Agency and gives instructions to staff specifying how the site is managed. Contact details for Oaktree Environmental Ltd are as follows:

Contact:	Jan Edwards	Tel:	01606 - 558833
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1.2 Site history and assessment

1.2.1 The site (recycling centre) area is located on land at Green Lane, Wardle and comprises 3 plots, 2 of which were part of the original licensed waste management site (Reference 61594). All plots are either jointly owned by Nick Brookes, Mike Brookes and Sarah Howard Perry.

1.3 Planning and Environmental Permit

1.3.1 The site has had the benefit of several valid planning permissions issued by Cheshire County Council, summarised as follows:

Date issued	Code No.	Description
28.07.1971	4/5/8243	Dismantling cars for spare parts
11.06.1981	7/7948	Erection of workshop/ storage buildings
23.02.1984	7/10758	Motor vehicle repair and recovery
24.02.1992	7/20202	Operation of a waste transfer station
23.12.1999	7/P96/0840	Operation of a waste transfer station and storage/rec. facility
31.03.2000	7/P00/0008	New extension and alterations to proposed waste transfer stn.
22.02.2006	7/2006/CCC/1	Change of use of adjacent land to increase storage area
06.07.2010	10/0276W	Change of use to composting and waste storage

1.3.2 The original waste management licence (No. 61594) was replaced on 10 December 2001 by the current waste management licence (EAWML/50066) which was issued to accommodate the adjoining land to form a new site. It was then modified in February 2005 and then became an Environmental Permit under the Environmental Permitting (England & Wales) Regulations 2007. This management system is to update Working Plan Version 5.1 dated 28th April 2006 to reflect current operations on site and to support the permit variation application to extend the permit boundary to include the soils washing plant and proposed composting facility and storage area.

1.3.3 The site is located at National Grid Reference (NGR) SJ 602 570 as shown on Drawing No. 935/202/01. Facilities within 250 metres of the site are shown on Drawing No. 935/202/01.

1.3.4 The permit refers to the site (transfer station for recycling construction and demolition waste, the soils washing plant and proposed composting facility and storage) outlined in green as shown on Drawing No 2136/202/02A. All references to 'the site' in this management system shall mean this area.

1.3.5 The waste management permit allows the storage (keeping) prior to removal, and treatment (all types of handling/processing) of waste. Specified waste management operations will include waste disposal and waste recovery operations listed in Parts II and III of Schedule 4 of the Environmental Permitting Regulations (England and Wales) 2010. They are listed in summary below:

D9: Physico-chemical treatment of waste
D15: Storage of waste pending disposal
R3: Recycling or reclamation of organic substances
R4: Recycling or reclamation of metals
R5: Recycling or reclamation of other inorganic materials
R13: Storage of waste pending recovery

~~The D9 code refers to the sorting activities which result in a residue of waste with no~~

recycling or reuse potential and which must be disposed of. The site produces less than 50 tonnes per day of such waste. The D15 code refers to the storage of such waste pending its disposal.

Waste treatment processes carried out on site include the following:

Compacting (by loading shovel or compactor skip)
Sorting (with loading shovel, grab or by hand [on ground or at picking station])
Screening using a mobile trommel screen and/or vibrating screen.
Screening using a fixed trommel screen
Crushing (using an exempt crusher)
Baling (cardboard and plastics)
Blower (to remove light waste from picking line)
Washing (aggregate/soil washing plant)
Shredder (plant material/wood)

1.3.6 Some recycling operations which are not subject to control by the environmental permit may be carried out within the permitted area. Such recycling operations are either covered by another control regime and/or an exemption under the Environmental Permitting Regulations 2010. All exempt activities requiring registration with the Environment Agency will be notified in writing prior to commencement of the activity.

1.4 Hours of operation

1.4.1 The site will operate between the following hours for the receipt of waste and all other operations:

Monday to Friday	07:00 - 18:00
Saturday	07:00 - 18:00
Sunday	Closed
Bank/Public holidays	Closed

1.4.2 Fixed or mobile floodlights will be used if necessary operations or emergency procedures are carried out after official lighting up times.

1.5 Waste types and quantities

1.5.1 The waste types to be accepted at the site will be solid, dry, household, commercial and industrial wastes as defined in the Controlled Waste Regulations 1992. The waste will be collected from household, commercial and industrial premises.

1.5.2 A detailed breakdown of the waste types is attached to this management system as Appendix III. Hazardous wastes consisting of cement bonded asbestos and WEEE will be accepted. No clinical or liquid wastes will be accepted.

1.5.3 A maximum of 300 loads will be tipped at the site in any one working day. Such loads will be delivered to the site contained within skips, containers, fixed body vehicles, on flat bed trailers or multilift vehicles.

1.5.4 The total quantity of waste permitted per year is <300,000 tonnes. The throughput of the site will be limited to a maximum of 1200 tonnes per day. Notwithstanding the daily limit the following limits will apply to other waste types:

Waste type	Daily maximum throughput
Inert/non degradable waste	1200 tonnes
Scrap metal	150 tonnes
Degradable household	250 tonnes
Degradable commercial	250 tonnes
Degradable industrial	1000 tonnes
Cement bonded asbestos	<10 tonnes (white/chrysotile only)

1.5.5 The maximum amount of waste (authorised by the environmental permit) to be stored on site at any time will be:

Waste type	Max duration of storage	Maximum quantity stored
Mixed waste (degradable)	7 days	1,000 tonnes
Compost waste	dependant on maturation time	< 500 tonnes
Inert /non degradable waste	31 days	12,000 tonnes
Rejected waste	7 days	< 6.0 tonnes
Asbestos (hazardous)	3 months	<10 tonnes

1.5.6 The above storage periods will only be varied with the agreement of the Environment Agency. The above figures exclude storage of recycled product and sorted waste to be submitted to exempt recycling operations, with the exception of inert waste to be crushed. Once material achieves WRAP protocol compliance it is not counted in the above figures. If more than 4 tonnes of waste is rejected it will be removed from the site immediately. The maximum storage capacity shall be as detailed in Condition 1.1 Table 1.1 of the permit. Stockpile heights shall be limited to 4 metres for inert wastes and 3 metres for mixed wastes.

1.5.7 If the maximum storage capacity of the site is reached then no further waste will be accepted until waste can be removed from the site and taken to a suitably licensed site.

1.5.8 Strict requirements will apply to certain types of wastes i.e.

i. Empty used containers which have contained chemicals or hazardous waste must be cleaned or certified as clean before they will be accepted. Paints tins or other containers will be accepted if they have residues in as long as those residues are solid and non-hazardous.

1.6 Staffing and management

1.6.1 The site will only open for the deposit of waste or for other essential operations. The site will be manned, whenever it is open, by a combination of the following employees of Nick Brookes Demolition and Waste Disposal:

Position	No.	Responsibilities
Site Manager	1	Overall site management
Transport Manager/Assistant	3	Overall fleet maintenance incl. compliance
Administrator	2 ***(1)***	Accounts and record keeping
Fitters/welder	3	Site/vehicle maintenance
Machine Driver	3 **(2)**	Waste handling and reception
HGV Driver	25	Collection of skips/demolition waste
Labourer	12 ***(3)***	General site maintenance duties

The minimum staffing requirement when the site is operational are listed in bold italics above.

1.6.2 The drivers and operatives will be trained to take samples of the waste for waste stream analysis, to be familiar with operational conditions and to observe potential breaches of permit conditions and understand the action to be taken. Training will be undertaken by the site manager and the outcomes recorded on file (NB/RF/12 in Appendix II).

1.7 Health and safety

1.7.1 All operations on site will be carried out in accordance with the relevant requirements of the Health and Safety at Work Act 1974. Conditions of site use for employees, visitors and contractors are attached to this working plan as Appendix IV . These conditions will be shown to all site users and must be signed prior to using the site. Anyone not complying with the conditions of use will be asked to leave the site.

1.7.2 Fire extinguishers will be kept on site to deal with fires as stated in the emergency procedures in Section 5. A first aid kit will also be kept on site and will be maintained to the standard required by the Health And Safety (First-Aid) Regulations 1981.

1.7.3 A summary copy of the company's health and safety policy will be attached in Appendix IV, for information only.

1.8 Fit and proper persons

1.8.1 Technical competence - Nick Brookes will be the technically competent manager at the site and holds the WAMITAB (Waste Management Industry Training and Advisory Board) COTC (Certificate of Technical Competence) Level 4TSB4 (managing transfer operations - biodegradable waste).

1.8.2 The level of COTC (Certificate of Technical Competence) which would be applicable to site managers is Managing Treatment Operations Level 4 (4TMH).

1.8.3 The COTC holder for the site will be required to enter the time he/she spends on site in the site diary or on form NB/RF/18 (Appendix II). The required managerial cover will be agreed with the Environment Agency prior to commencement of operations. Any changes to the site management will be notified to the Agency by fax within 5 working days of the decision to hire the new manager or person providing the cover.

1.8.4 Financial provision - were agreed by the Environment Agency at the time of the original licence application was submitted.

1.8.5 Relevant convictions - at the date of writing this document Nick Brookes does not hold any relevant (i.e. unspent) convictions.

1.9 Exempt activities

1.9.1 Activities which are outside the scope of the permit for the site (listed in Schedule 3 of the Environmental Permitting Regulations 2007 may be carried out at the recycling centre until the final date transition to the revised 2010 Regulations have ben reached as detailed below. Before the end of the transition period a decision will be made as to whether the activities will continue, as an exemption activity or regulated under an environmental permit.

1.9.2 Recycling registered at the site already include the following:

Exemption	Description	Final Transition Dates/New Ref code	
Paragraph 11	Processing recyclable waste	1st Oct 2012	T4
Paragraph 13	Manufacture from waste	6th April 2012	T5,T6
Paragraph 17	Storage of waste subject to Paragraph 11	1st Oct 2012	S2
Paragraph 21	Preparatory treatment of waste plant matter	6th April 2012	T6
Paragraph 24	Storage of waste for crushing	1st Oct 2013	T7
Paragraph 41	Storage of WEEE pending recovery elsewhere	1st Oct 2012	S2

1.9.3 Copies of the current exemptions are attached in Appendix V.

1.9.4 Para 11 & 17: - Plant for baling, sorting or shredding plastics, paper, cardboard, textiles and cans may be situated within the permitted area but its use is exempt from permitting by virtue of Paragraphs 11 & 17 of Schedule 3 of the Environmental Permitting Regulations 2007. The table below shows the limits for storage and processing of recyclable waste - these are limits imposed by the pre-mentioned Regulations and not the limits which necessarily apply to the site.

WASTE TYPE	WEEKLY PROCESSING LIMIT	MAXIMUM STORAGE ALLOWED
PAPER OR CARDBOARD	3,000 TONNES	15,000 TONNES
TEXTILES	100 TONNES	1,000 TONNES
PLASTIC	100 TONNES	500 TONNES
GLASS	1,000 TONNES	5,000 TONNES
STEEL/ALUMINIUM CANS	100 TONNES	500 TONNES
CARTONS	100 TONNES	500 TONNES
CONSTRUCTION INDUSTRY WASTE	NOT APPLICABLE	100 TONNES
TYRES	NOT PERMITTED	1,000 TYRES

1.9.5 Para 13 & 21: Wood Shredding - Plant for chipping, shredding, cutting or pulverising waste plant matter (including wood or bark) will be situated within the licensed area but is exempt from licensing by virtue of Paragraph 13 and/or 21 of Schedule 3 of the Environmental Permitting Regulations 2007. To comply with the exemption all waste processed will be subjected to a recovery or reuse operation and no more than 1,000 tonnes of waste will be stored prior to processing. The location and nature of the shredding plant will be notified to the Environment Agency prior to use. Only waste which has been segregated at source and wood sorted from the site will be directly processed by the wood shredder.

1.9.6 Para 13:Manufacturing of aggregates or soil or soil substitutes

Manufacturing: roadstone or aggregate and soil or soil substitute from:
(1)(a) waste which arises from demolition or construction work or tunnelling or other excavations, (b)waste ash, slag, clinker, rock, wood (provided the waste is non-hazardous).

(2) Manufacturing soil or soil substitutes from any of the wastes listed in sub-paragraph (1) if -
(a) the manufacture is carried out at the place where either the waste is produced or the manufactured product is to be applied to land; and (b) the total amount treated at that place on any day does not exceed 500 tonnes.

(3) Treatment of waste soil or rock which, when treated, is to be spread on land under paragraph 7 or 9, if -(a) it is carried out at the place where the waste is produced or the treated product is to be spread; and(b) the total amount treated at that place in any day does not exceed 100 tonnes.

(4) storage of waste which is to be submitted to any operation falling within sub-paragraph (1) to (3) if - (a) the waste is stored at the place where the activity is to be carried on; and
(b) the total quantity of waste stored at that place does not exceed-
(i) in the case of the manufacture of roadstone from road planings, 50,000 tonnes; and
(ii) in any other case 20,000 tonnes.

Para 13 (1) allows for fines to be screened from waste in the production of aggregate, and exported off site. The fines produced under Paragraph 13 (1) can be treated with organic material to create a soil or soil substitute under Paragraph 13 (2) and the soil may also be exported off site.

1.9.6 Para 24: Brick Crusher - Waste bricks, tiles and concrete etc. will be stored prior to crushing by the mobile crushing plant on site. A maximum of 20,000 tonnes will be stored prior to processing. The crusher used will be subject to a LAAPC Authorisation and the waste crushed will be reused for construction purposes. The storage of materials prior to crushing has been registered with the Local Authority under Paragraph 24 of Schedule 3 of the Environmental Permitting Regulations 2007.

1.9.7 Para 41: Storage of WEEE - allows the storage of WEEE (Waste Electrical and Electronic Equipment) prior to it being recovered at another site.

2.0 SITE ENGINEERING AND INFRASTRUCTURE

2.1 Access, parking and site roads

2.1.1 The main access route to the site is off Green Lane, situated 750 metres from the main A51 trunk road. The entrances to the site are shown on Drawing Nos. 202/1025/NB/13.

2.1.2 Parking - adequate parking for vehicles visiting the site is provided off site on the opposite side of Green Lane adjacent to the new site office and weighbridge .

2.2 Notice board and signs

2.2.1 A notice board measuring 1 metre square will be erected on the fencing at the entrance to the site and will display the following information:

- The site operator's name, address and telephone number.
- The Environment Agency's local name address and telephone number.
- The hours of operation of the site.
- The site permit number
- Emergency telephone numbers for the Environment Agency and the operator.

2.2.2 Additional signs may be displayed around the site for operational/health and safety purposes.

2.3 Site security

2.3.1 Gates - The site has 2 gates which have been in use for some years and a new access which was provided when the site was extended. The gates are locked at all times when the site is unmanned. The gates are located as shown on Drawing No. 202/1025/NB/13 and Drawing No. 935/202/03 are constructed as follows:

1. Gate A - from galvanised steel palisade fencing to a height of 2.3 metres.
2. Gate B - from galvanised steel palisade fencing to a height of 2.3 metres.
3. Gate C - from box section steel with vertical steel bars to a height of 1.8 metres.

An additional gate was constructed to facilitate access to the site extension area for incoming vehicles i.e. constructed from galvanised steel palisade fencing to a height of 2.3 metres.

2.3.2 Fencing - the existing site is surrounded by a 1.7 to 2.0 metre high brick wall along the Northen and Eastern boundary. The Western boundary consists of a mesh fence to 2 metres and a 3 metre high push wall inside the site.

2.3.3 The site gates and boundary fencing will be inspected daily and will be recorded on record form NB/RF/4 as detailed in Section 4.2 below.

2.4 Site office and service buildings

2.4.1 The site office is located on Green Lane outside the permitted area.

2.4.2 A copy of the Environmental Permit and the latest agreed copy of the Internal Management System will be kept in the site office at all times. A site diary will be kept for recording all inspections and for visitors to sign in. All visitors to the site will be informed of any health and safety precautions employed by Nick Brookes Demolition and Waste Disposal whilst on site. An accident book and first aid kit will also be kept in the site office. All waste recording forms and transfer notes will be kept in the site office.

2.4.3 Toilets and washing facilities(hot and cold running water) are provided within the workshop. The toilet is connected to the foul sewer. The site has an electricity supply which serves the office, transfer building, vehicle maintenance building and floodlights.

2.4.4 Telephone numbers for the site are as follows:

Telephone:01829 - 260687 Mobile:07831220285 Fax:01829 - 260556

The table below details the relevant site documentation which will be kept in the site office.

Documents to be retained in site office
Environmental Permit (copy)
the Internal Management System (copy of agreed document)
site diary (to record all inspections/visitors to the site)
Environment Agency inspection forms
in-house inspection sheets/recording forms
duty of care transfer notes (for 2 years minimum)
hazardous waste consignment notes (for 3 years minimum)
waste delivery tickets
weighbridge tickets
accident book (& 1st aid kit) - to be kept on site

2.5 Weighbridge

2.5.1 The site has a weighbridge adjacent to the site office which permits the weighing of incoming and outgoing loads before entry to or after exit from the site. All weighing records are held on site on an electronic database. Waste accepted as part of the exempted activities are recorded separately from the waste imported for the permitted waste transfer facility. Copy of volume/weight conversion factors included in Appendix VI..

2.6 Fuel/chemical storage

2.6.1 All fuel and chemical tanks, pipework and associated infrastructure will be enclosed within an impermeable bund which is capable of containing 110% of the volume of fuel stored in the tank. A lock is fitted to tank valves to prevent unauthorised operation. All valves and gauges on the bund are constructed to prevent damage caused by frost. The tanks and containers are clearly marked showing the product within and also their capacity.

2.7 Waste transfer building and storage areas

2.7.1 When the original waste transfer building became too small for the site's operations it was replaced by a purpose built building at the same location of steel portal frame construction to a height of 11 metres at the eaves.

The building has open areas and where enclosed it is covered with weather resistant cladding. Because the site office has transferred to the new location the transfer building was extended and exit conveyors installed to discharge inert waste through to the extension area.

2.7.2 The floor of the transfer building has an impermeable base surfaced with reinforced concrete to a minimum depth of 100 mm on a 1200 gauge polythene damp proof membrane over 50 mm sand blinding layer and 150 mm compacted hardcore.

Concrete specification C40 mix (min 35% cement).

2.7.3 Waste bays/push walls - The rear and side walls of the building will function as a push wall. The push walls are constructed from concrete to the same specification as the building floor to a height of 2.9 metres and a thickness of 150 mm. Steel plating is welding to the vertical stanchions (which form the frame of the building) above the push walls to protect the outer cladding.

2.7.4 A fixed trommel/hopper/conveyor fed picking station is installed at the location shown on Drawing No.202/1025/NB/13.

The hopper will be used to deposit waste streams which require hand sorting of undesirable items i.e. for removing paper from rubble and for recovery of recyclable waste. The conveyor will exit the building and deposit the material in a stockpile for storage pending removal or further processing.

2.7.5 Area for the deposit of unauthorised wastes - a 10 cubic yard (maximum) enclosed skip will be provided for the deposit of unauthorised waste which cannot be removed from the site immediately. The skip will be stored in the transfer building and will be clearly marked.

2.7.6 Waste storage - containers will be stored adjacent to or underneath the picking station for the removal of waste for recycling or disposal. Waste which is not suitable for recycling will be loaded onto the articulated trailer (90 cu yd) for disposal. Sorted waste which is suitable for screening/crushing will be stored outside the transfer building in the area to the right of the site entrance. Additional skips will be provided in the building for the deposit of tyres, timber and scrap metal (including cables) and other recyclables removed from waste deposited at the site.

2.7.7 Drawing Nos. 2136/202/1025/NB/13 and 935/202/03 show the various storage/processing areas.

2.7.8 The surface of the site outside the transfer building consists of ground supported concrete slabs, constructed to a minimum depth of 150mm [concrete mix C40 (minimum 35% cement)] other areas have hard core topped with small stone to create a level surface.

2.7.9 The yard area proposed for composting and storage for recyclables and products is fully concreted and the composting area will drain to a secure underground holding tank as shown on Drawing No. 935/202/03.

2.8 Drainage

2.8.1 Surface water control - all surface water from the existing site drains via silt traps, gullies to interceptors and finally to Wardle Treatment Plant. Surface water from the roof gullies on the buildings also uses this drainage system. The interceptors are a Conder 1,000 litre unit and Balmoral 2,700 litre by-pass interceptor installed at the locations shown on Drawing No. NBTS/6. The washing plant section of the site will drain to surface water or a soakaway via a new Class 1 by-pass interceptor.

The composting area will drain to a sealed holding tank. The adjacent storage area will drain via silt traps and interceptor to the sewer.

2.9 Vehicles, plant and equipment

2.9.1 The mobile plant and equipment listed below forms part of the waste disposal and recycling operation and the plant listed in bold italics forms the minimum requirement for handling waste on site when the site is open:

Description	No.	Use on site
360 Excavator (grab or bucket)	2***(1)***	Loading trommel, waste movement
Loading shovel	1***(1)***	Waste movement in transfer building
Mobile vibrating screen	1	Screening soil or crushed bricks etc.
Mobile trommel screen	1	Screening soil or crushed bricks etc.
Mobile crusher (exempt)	1	Brick, concrete crushing
Road sweeper	1	Sweeping roads & site surface
Fire engine	1	Dust suppression/fire fighting
Articulated trailer/tractor unit	1	Removal of non-recyclable waste
Skip wagons	21	Delivery of waste to the site
8 wheel tipper vehicle	1	Waste delivery/removal
Hooklift vehicle	4	Waste delivery/removal
Shredder (slow speed)	1	Shredding of waste
Washing plant(aggregate/soil)	1	Waste exemption

2.9.2 All plant will be stored on site and will only be operated by trained personnel.

2.10 Sampling and monitoring facilities

2.10.1 There is sufficient storage space in the workshop for the storage of samples of waste taken from incoming loads for analysis. A sealed plastic container will be used for storage of the samples which will be stored in the workshop. Incoming wastes may be randomly sampled and submitted for analysis at the discretion of the site manager to verify the composition of a load. Contaminated soils are not permitted on site and the sampling procedure has been implemented to carry out spot checks to comply with the Duty of Care.

2.10.2 Analysis of soil samples will be carried out by an MCERTS accredited laboratory.

3.0 SITE OPERATIONS

3.1 Preliminary procedures

3.1.1 Guidance will be given by the site management to all employees, sub-contractors, other waste carriers and customers regarding the waste types which are acceptable at the site i.e. a copy of/extract from Appendix III of this document. The site will be primarily used for the receipt of waste from Nick Brookes Demolition and Waste Disposal's own operations. Where waste is brought in under sub-contract or is delivered by other hauliers then the carrier registration details will be taken for all new haulage operators bringing waste to the site and the details will be periodically checked with the Environment Agency to ensure that they are still registered. The procedures below are followed prior to the receipt of waste on site.

3.1.2 When a driver employed by Nick Brookes Demolition and Waste Disposal arrives at the customers site to pick up a consignment of waste he will inspect the load for conformity with relevant regulations and safety procedures.

i If the load is satisfactory the driver will sign the relevant paperwork and remove the load from the customer's premises.

ii. If the waste does not meet the description stated on the controlled waste transfer note the customer will be advised to check the note and give a more detailed description of the waste.

iii. If the more detailed description of the waste reveals that the waste is not permitted at the transfer site then the customer will be advised to contact the Environment Agency to find an alternative site.

iv The driver may also report back to the site manager for instructions.

3.2 Checking in & inspection of loads

3.2.1 All incoming vehicles are required to report to the site supervisor or site manager/deputy on site. The details of the load will be recorded and the duty of care note/company documentation will be further checked by the operator to ensure that the load is acceptable at the recycling centre. Any deviation from the procedures or problems with any loads will be reported to the site manager.

3.2.2 Once a load has been provisionally accepted the driver will be asked to unsheet the vehicle (if it is sheeted) and a visual inspection of the contents will be carried out to ensure that the waste types comply with the environmental permit.

The nature of mixed industrial waste makes full inspection difficult until the load is deposited. If rejected waste is discovered before deposit the load will be rejected by the weighbridge operator and returned to the producer. In cases where the unauthorised waste is likely to lead to a breach of permit conditions the Environment Agency will be contacted.

3.2.3 If the load is acceptable the driver will be instructed to deposit it within the relevant storage area as detailed on Drawing No 202/1025/NB/13 and 935/202/03.

- mixed loads in the transfer building for processing
- wholly inert loads adjacent to the picking station or the trommel in the yard
- suitable feedstock to the composting facility
- asbestos loads diverted to the designated container.

Inert loads will only be tipped adjacent to the picking station if there is a risk of other material in the load which requires hand sorting. If the load is unacceptable after deposit it will be loaded back onto the delivery vehicle and returned to the producer.

3.2.4 The weight of loads will be recorded by using the weighbridge or the conversion factors agreed with the Agency.

3.3 Waste deposit, handling and storage

3.3.1 Once a load has been accepted by the operator the contents of the delivery vehicles will be discharged in the relevant bays in the transfer building or in the relevant stockpiles in accordance with the following procedures:

Transfer Station

i. Mixed loads will be deposited in the transfer building and will be crudely sorted by hand or the loading shovel. Mixed loads which require removal of waste for recycling may be deposited on the floor of the building or into the hopper of the trommel to remove the fines/inert material with the remaining material passing onto the picking belt depending upon the level of material to be removed. If the picking belt is used to sort mixed waste the light residual waste which exits the building via the conveyor will be deposited or blown (using a fan) directly into a skip rather than a stockpile. Operatives will remove packaging or waste which is not suitable for recycling by hand and with the loading shovel. This waste will be placed in the bulk skip for removal off site or stockpiled in the building ready for loading into a bulk tipper vehicle.

ii. Wood will be deposited in a timber skip for shredding or other treatment under an exemption. Cardboard, plastics, metals etc. for recycling will be deposited in separate skips and stored in the yard prior to removal off site. Cardboard, paper and plastics may also be baled on site and stored in the exempt area shown on Drawing No. 202/1025/NB/13.

iii. Tyres are not actively accepted on site but if found in load will stored separately in a 40 cubic yard skip ready for reprocessing elsewhere

iv Any batteries that are received will be placed into a dedicated lidded storage box constructed of suitable acid-resistant material.

Washing plant:

iv. A dedicated inert waste washing and screening plant is provided within the extended permit boundary as shown on Drawing No.202/1025/NB/12 which will process inert waste. Inert loads which are suitable for immediate screening will be tipped in the topsoil/rubble storage areas in the yard prior to processing. The screen will discharge its product directly into a skip or into a stockpile which will be loaded onto a bulk tipper vehicle or further processed by the crusher located on site. Screened topsoil or clay may also be stored outside in designated storage areas agreed with the Environment Agency as may the oversize material from the screen.

Composting plant:

v. Composting facility is proposed for the future development of the recycling Centre.

Further details will be provided to the Environment Agency prior to its commencement on site.

3.3.2 Customers are required to notify the site prior to delivery of loads consisting of or containing cement bonded asbestos. The handling of this material will be separate to any other wastes. The load will be sprayed with water and a sprinkler will be in use at all times when the material is being handled. Asbestos will be stored in a enclosed and lockable skip prior to removal to a suitably licensed hazardous landfill. The asbestos skip will be stored in the area shown on Drawing No.202/1025/NB/13. Cement asbestos materials may be wrapped in plastic sheeting to further control the release of fibres.

3.3.3 When a collection vehicle arrives at the site the driver will be instructed to report to the site office or the loading shovel operator. All relevant documentation will be completed and the vehicle will be passed to pick up the load and take it to the designated recycler/disposal site. The product or waste will be loaded using the loading shovel.

3.3.4 Rejected wastes which will be deposited in the skip provided for non conforming wastes. This will occur when non conforming waste is discovered after the deposit of a load and the producer of the load cannot be contacted (or identified) or where the removal off-site

of the waste may cause further problems. The Environment Agency will then be contacted to agree a course of action where necessary. The contents of the skip will be recorded in the site diary.

3.3.5 When a collection vehicle arrives at the site the driver will be instructed to report to the site office or the loading shovel operator. All relevant documentation will be completed and the vehicle will be passed to pick up the load and take it to the designated recycler/disposal site. The product or waste will be loaded using the loading shovel or 360^0 machine.

3.3.6 The relevant waste exemptions will be registered with the Environment Agency if WEEE or refrigeration equipment is to be stored on site or if there is a proposal to use purpose designed equipment for the crushing of lamps and oil filters to facilitate recovery of the waste components. (Currently Paragraph 41 and 42 respectively).

3.3.7 The operational outputs and residues produced by the site and the disposal or recovery routes envisaged are detailed as follows:

i Wood - forwarded to chipboard/mdf manufacturer via a third party.

ii Paper and cardboard - delivered to a local paper mill.

iii Cans and other metals - baled and sent to a metal recycler

iv Glass - bulked up for recovery off site

v Brick/rubble - for re-use or crushing to produce aggregate replacements on site.

vi Fines - exported for use as landfill cover or as soil conditioning material for site restoration works.

vii Soils - exported for use as landfill cover or as soil conditioning material for site restoration works.

viii Light waste (non-recyclable) - taken to lined landfill site which is licensed to take all waste arisings from the recycling centre.

ix Compost - exported for reuse

3.3.8 The names of the sites and hauliers used have not been listed because of commercial confidentiality but their details are available to Environment Agency staff on request.

3.3.9 The fines bay and the hardcore/oversize bay will be used to store recovered materials until removal off site for re-use.

3.4 Record keeping

3.4.1 The details below will be recorded on a combination of the record keeping forms listed in Appendix II, invoices, weighbridge tickets, the site diary and controlled waste transfer notes (where required). The records will be kept in paper format and/or electronically.

3.4.2 The following details will be recorded for every load deposited at the site:

(i) The date and time of delivery.

(ii) The name and address of the waste producer.

(iii) The type and quantity of waste (in tonnes or cubic metres) inc EWC codes.

(iv) The carrier's name and address

(v) Driver's name, signature and vehicle registration No.

(vi) Signature or initials of person accepting/ inspecting the waste

(vii) Additional handling details/notes made by the driver after inspection of the load

3.4.3 The following details will be recorded for all deposits of non conforming waste at the site and will be forwarded to the Environment Agency, where required:

(i) Date and time of deposit.

(ii) A description of the waste.

(iii) The quantity of waste (in tonnes or cubic metres).

(iv) Name, address and telephone No. of waste producer.

(v) The carrier's name, registration number and vehicle registration.

(vi) Reason for the rejection of waste and action taken.

3.4.4 The following details will be recorded for every load of waste leaving the site:

(i) The date and time of removal.

(ii) The type and quantity of waste (in tonnes) inc EWC codes.

(iii) The destination waste management site or exempt facility.

(iv) The name and registration No. of the carrier or employee removing the waste (if applicable) and vehicle registration No.

3.4.5 A summary of waste types and quantities deposited at and removed from the site will be forwarded to the Environment Agency at intervals specified in the environmental permit for the site.

3.4.6 The outcome of all inspections of waste types, hardstanding areas, push walls, drainage channels etc. will be recorded on site inspection form NB/RF/4 and detailed comments will be entered into the site diary (including action taken or proposed). Details of complaints received and action taken will also be recorded in the site dairy. Visitors to the site will sign the visitors book upon arrival and exit stating the purpose of their visit and who they represent.

3.4.7 Site documentation will be kept in the site office as detailed in Section 2.4.4 above.

Waste treatment operations

3.5 Waste Transfer Station

3.5.1 All mixed loads will be tipped in the waste reception area in the building and crudely sorted using the 360^{O} (grab) or loading shovel which will deposit inert or recyclable waste in the bays beneath the picking line or trommel or external stockpiles for further sorting/recycling.

3.5.2 All other mixed waste will be loaded directly into the trommel screen. Fines will fall through the mesh into the bay beneath the trommel. The remaining oversize and light fractions are fed along a separate conveyor into the picking station. Operatives will sort by hand recyclable waste such as cardboard, plastics, wood, building products and metals for recycling. Such waste is dropped into bays or bulk containers beneath the picking line. The remaining light waste will be removed to a container (for disposal) using a fan/blower unit. The final output will be clean hardcore for recycling.

3.5.3 Waste which is not suitable for recycling is not picked and is fed into a compactor skip at the end of the picking line conveyor for removal off site.

3.5.4 Tyres which may be suitable for retreading/recovery will be stored in a skip or container.

3.6 Soils Washing Plant

3.6.1 The applicant will be operating and maintaining the soils washing facility which accepts inert and non hazardous waste either direct from mineral extractions and operations and from construction and demolition activities or form the on site transfer station.

3.6.2 The wastes will be sorted and processed in the soil washing facility to separate and recover recycled aggregates, soils and sand.

3.6.3 The process separates the wastes into different size fractions:

40-20 mm, 20-10 mm and 10-4 mm

These will be stockpiled prior to removal off site for sale and reuse.

3.6.4 Any undesirable material produced during the processing will be disposed of off site.

3.7 Composting facility

3.7.1 Once a load has been accepted by the supervisor/operator the contents of the delivery vehicles will be discharged in the external stockpiles in accordance with the following procedures:

Materials will be visually inspected and sorted into the following areas:

- Material awaiting processing - stockpile of waste suitable for addition to the windrow,
- Oversize materials - materials not suitable for composting, store prior to resizing/shredding/reuse.
- Material requiring resizing/ shredding will be processed within 7- 10 days of acceptance at the site, however certain waste stream e.g Christmas trees may require storage for up to a month before processing can take place

3.7.2 Oversize wood material will be removed by hand or grab and put through the shredder for resizing. Organic material suitable for immediate composting will be deposited on the windrow.

3.7.3 Stockpiled material suitable for composting will be added to the material already present. To allow the stock to aerate and decompose during the composting process, the windrow will be turned and where necessary water will be added to dampen the stockpile. Static stockpiles will be covered with a layer of mature compost to act as a 'biofilter' and to retain any unpleasant odours etc.. Each windrow will be assigned a batch number and its progress will be monitored.

3.7.4 Temperatures of windrows will be monitored and checked to provide the composting with the optimum temperature for thermophilic composting (greater than 40 ^{o}C). In the event of the stockpiles overheating, water will be added and the windrow will be turned to release the heat. Temperatures will never be allowed to rise above 75^{o}C. Temperatures will be monitored and recorded.

3.7.5 Once the composted material has reached the required standard or PAS100 standard, it will be prepared for use on site.

3.7.6 The composted material may be put through a screener to produce a standardised product.

3.7.7 Organic material unsuitable for use as compost will be removed and placed in the rejected waste skip, or stored for re-use elsewhere on site.

4.0 ENVIRONMENTAL CONTROLS, MONITORING AND REPORTING

4.1 Breakdowns and spillages

4.1.1 In the event of breakdown of any plant an alternative machine will be brought on site until it is repaired. If an alternative machine cannot be used then waste will be stored until the plant is repaired (in accordance with permitted storage times). The repair will be carried out at the most convenient location with absorbents used to clear oil or fuel spillages. For major repairs the vehicle will be moved to the workshop until the repair is effected.

4.1.2 All external site surfaces will be inspected daily when the site is in operation. Debris will be swept as required and placed in a skip and all spillages of waste and windblown litter will be cleared by the end of the working day in which they occur. Further spillage clearance procedures are detailed in Section 5.3 below.

4.1.3. Any spillages of fuel will be cleared immediately by depositing sand or absorbents on the affected area. The sand or absorbents will be placed in a skip to be taken to a suitably licensed site for disposal. All spillages of waste and windblown litter will be cleared by the end of the working day in which they occur. Spillage clearance procedures are detailed in Section 5 below - Emergency procedures. The spill kit will be stored at the location agreed by the Environment Agency.

4.1.4 All non-inert wastes will be removed from the site if the site is not secure or if operations are temporarily suspended. All wastes will be removed from the site if operations cease.

4.2 Site inspections and maintenance

4.2.1 The inspection frequencies for maintenance/housekeeping are listed on record form NB/RF/4 (and NB/RF/6 for dust control). The inspection form will be completed by a person who is familiar with the requirements of the internal management system and environmental permit for the site. All details of defects, problems and repairs carried out will be recorded on the form on the day that each event occurs. Detailed comments may also be recorded in the site diary. All repairs will be carried out within 5 working days or within a time scale agreed with the Environment Agency.

4.2.2 All repairs to site security fencing will be made within 5 working days of the discovery of the damage and the site will be made secure until the repair has been effected.

4.2.3 Any major defects found during the daily site inspection which are likely to lead to a breach of permit conditions will be repaired by the end of the working day in which they are found where possible. If a repair is not possible by the end of the working day the Environment Agency will be contacted to agree a suitable timescale for repair.

4.2.4 Essential spares for plant maintenance will be kept on site. If there is a risk that dust will be emitted following a malfunction or breakdown the plant will be shut down for repairs and the waste/stockpiles handled in accordance with the procedures outlined in Section 4.4 below.

4.2.5 All drainage gullies and silt traps will be inspected at weekly intervals to ensure that they are functioning effectively. Silt traps will be emptied and the drainage system cleaned every month. The interceptor will inspected weekly and oil will be removed by a registered carrier to a licensed recovery/disposal site. The manhole at the interceptor discharge point will be lifted for inspection on a daily basis.

4.2.6 The oil interceptor, drainage gullies and silt traps will be inspected at intervals agreed with the Environment Agency to ensure that they are functioning effectively. Excess oil and silt will be removed from the interceptor and silt traps by a vacuum tanker when required and in accordance with the manufacturer's recommendations.

4.3 Monitoring and control of mud and debris

4.3.1 Vehicles will be visually inspected before exit to check that loads are safe and that no mud is carried out on the wheels or body of the vehicle. Visual inspections of the site surface are carried out daily (see NB/RF/4) and staff will report any problems with mud on the site surface immediately to the site manager. A road sweeper will be used to ensure that hard surfaced areas of the site are from mud and debris

4.3.2 The deposit of material on Green Lane will be treated as an emergency and will be cleared immediately using a vacuum sweeper or brush.

4.3.3 All loads will be sheeted or sprayed with water prior to leaving the site to ensure that they comply with the requirements of the Duty of Care.

4.4 Monitoring and control of dust

4.4.1 All site operations will be carried out to minimise the creation of dust and a Dust Management Plan has been included in Appendix V. The site will have a sprinkler system consisting of water storage tanks which will have a capacity of 100 m^3 and will be filled from the mains supply or the licensed groundwater abstraction. A network of up to 24 Rain Bird sprinklers will be installed around the site perimeter and in the transfer building and will be fed from the storage tanks via a small 'pump house' building. This system will permit the effective spraying of the whole site surface to minimise dust generation. A water hose will also be used where necessary to spray the plant, equipment, site roads, any dusty surfaces and inert waste to prevent the formation of excessive dust. During maintenance of the sprinkler system a bowser or vacuum tanker will be used to spray the site surfaces to prevent the formation of excessive dust - this particularly applies to site roads, storage, loading and unloading areas.

4.4.2 Water Supply - A constant supply of water will be available for dust suppression in all climatic conditions from the water storage tanks. All external water pipes will be lagged to prevent frost damage during Winter months.

4.4.3 Sheeting of vehicles - Vehicles carrying potentially dusty loads off site will be securely sheeted before leaving the site. Loads will be sprayed with water prior to sheeting if necessary.

4.4.4 Stockpile management

(i) Drop heights from all discharge points will be kept to a minimum to prevent dust emissions.

(ii) Where material <3 mm in size is present in the material to be screened the last metre of the final size discharge conveyor and the first metre of the free fall of the materials will be fitted with a hood to further reduce dust emissions.

(iii) Stockpiles will be sprayed with water to prevent excessive drying and dust formation and stockpile height will be limited to 4 metres.

4.4.5 Additional equipment such as wind boards, discharge hoods will be available for the screening plant during windy conditions to enclose wind sensitive areas of conveyors to reduce the risk of dust emissions.

4.4.6 The site will inspected at the start of operations and at 4 hour intervals during the working day to monitor dust emissions and the performance of the sprinkler system. The inspections will be recorded on the Process Inspection Log (NB/RF/6).

4.4.7 On detection or complaint of visual aerial emissions that are or likely to be transported beyond the site boundary from any activity covered by this permit, immediate action will be taken to stop the waste handling operations giving rise to the emission and to suppress the aerial emission from the waste. The incident and remedial action will be recorded in the site diary or on other relevant form.

4.5 Monitoring and control of odour

4.5.1 Transfer Station and Washing Plant: Olfactory monitoring of aerial emissions from the site will be carried out as detailed in Section 6.2 of the permit and the inspections will be recorded on inspection/site diary form NB/RF4. The short storage times and the range of waste types accepted at the site present a very low risk of odour nuisance. If malodorous waste is deposited on site it will be consigned to the skip for rejected waste or removed from the site immediately in a suitable container.

4.5.2 Composting facility:

Odour Management

A odour management plan will be produced if requested by the Environment Agency prior to any composting operations commencing on site. Generally the actions taken would include:

To reduce the likelihood of offensive odours being produced on the site, waste stockpiles will be monitored throughout the day by the operator. If excessive odours are emitted, the following remedial procedures will be taken:

i The windrow will be turned to incorporate the odorous waste into the stockpile.

ii The waste will be placed in the rejected waste skip and removed off site by a authorised carrier.

iii The offending material will be covered until a suitable use can be found for it ie: added to the windrow or exported off site.

iv Static stockpiles will be covered with a layer of mature compost to act as a ‘biofilter’ and to retain any unpleasant odours etc.

v Operational areas will be regularly inspected and cleaned when necessary.

Control/monitoring of airborne micro-organisms

The following procedures would be in place on site to reduce the dispersal of micro-organisms by air:

i dampening down of operational areas.

ii windrow temperatures will be monitored so they are kept between 40ºC and 63ºC, the higher temperature range (greater than 55 ºC) will destroy micro-organisms likely to cause harm to human/animal health. The core windrow temperature will remain above 55 ºC for a period of 15 days during a stage of the compost process, this core temperature will be recorded. The temperatures will be reviewed at monthly intervals to allow for alterations in the turning and composting operations.

3.2.2 A bio-aerosol risk assessment for the site has been included in the document 'Composting Risk Assessment' dated 14th January 2010 which was submitted to the Local Planning Authority as part of the Planning application (see Appendix V).

4.6 Monitoring and control of litter

4.6.1 The most likely sources of litter on site are from within the building or from incoming loads. The building is sufficiently enclosed to prevent windblown litter. Inspections will be carried out for the presence of windblown litter daily and operatives will be instructed to collect the litter and return it to the bay or place it in a skip for disposal/recovery before the end of the working day.

4.7 Monitoring and control of pests, birds and other scavengers

4.7.1 It is unlikely that vermin will present a problem because of the waste types handled at the site but a recognised pest control contractor is hired to carry out inspections as a preventative measure. The site will be inspected weekly by the operator for the presence of vermin and the results of the inspection noted in the site diary or site inspection form.

4.8 Monitoring and control of noise

4.8.1 It is not anticipated that site operations will be cause a noise nuisance because of the location of the operation. The Best Practicable Means will be employed on site at all times to ensure that all plant and equipment does not produce excessive noise beyond the site boundary. Planning conditions are in force to control noise at the site.

4.9 Wastes with Hazardous Properties

4.9.1 Waste Transfer Station:

Storage of wastes with specified hazardous properties

i Solid wastes which when handled are likely to generate significant quantities of dusts, fibres or particulates will be stored within sealed containers or under cover.

ii Odorous wastes, including wastes likely to be odour producing during storage will either be kept in sealed containers, stored under cover or stored in bays with an impermeable pavement and sealed drainage.

iii Solid, general or biodegradable wastes likely to produce contaminated or polluting run-off will be stored on an impermeable pavement with sealed drainage. Inert waste may be stored on a hardstanding but with drainage that prevents any run-off from the waste into adjacent water bodies or storm water drains.

iv Waste which are likely to viscous/pasty, sludge or liquid will only be accepted if in liquid-retaining covered containers. These containers will be stored on an impermeable pavement with sealed drainage.

v Combustible wastes will be stored on areas with impermeable pavement, sealed drainage and which has access to fire fighting equipment.

vi Waste which are likely to attract pest and vermin will be stored either in a closed or secure container, within a covered building or stored in an area provided with netting or fencing providing security against scavengers.

vii Wastes which are light or liable to give rise to litter will either be received and stored in sealed containers, stored under cover or stored in bays provided with netting or fencing to prevent the escape of any waste.

4.9.2 Composting operations

Storage of wastes with specified hazardous properties**:**

i Refer to the Composting Risk Assessment' dated 14th January 2010

ii Wastes will be stored on impermeable pavement with sealed drainage

iii. A revision to the management system may be provided giving more detail to composting operations prior to any future commencement of composting at the site.

5.0 EMERGENCY PROCEDURES

5.1 General

5.1.1 In addition to obligations imposed by RIDDOR '95 (Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 1995) the operator will notify the Environment Agency of any serious injuries to employees of Nick Brookes Demolition and Waste Disposal, other site users or members of the public arising as a result of operations on site. Minor injuries such as cuts and grazes will be recorded in the accident book on site without notification. Separate procedures will be used for different types of emergency. An emergency at the site is defined by the site management as follows:

"Any incident likely to result in harm to human health or pollution of the environment or serious breach of permit conditions and serious detriment to the amenities of the locality."

5.1.2 For all emergency situations the deposit of any further waste will be suspended where necessary to allow action to be taken safely. If necessary staff and other users of the site will be evacuated to an area which is a safe distance away from the hazards. Staff handling the emergency will be provided with and trained to use the necessary PPE (personal protective equipment) unless the manager instructs them that the hazard is too severe and outside help is needed from the emergency services or specialist waste contractors.

5.2 Fire

5.2.1 No waste will be burnt on site other than in plant specifically designed for the purpose and in accordance with the relevant statutory instruments. In the event of a fire occurring on site the operator will exercise his judgement and extinguish the fire with the water hose or suitable fire extinguisher and/or call the fire service for assistance. Any fires will be reported to the Environment Agency on the working day that they occur and will be confirmed in writing by fax or letter within 3 working days. All staff will be evacuated from the site or to a safe area within the site. Smoking is not permitted in the waste loading/unloading areas. Fire fighting residues will be disposed of to a permitted waste management facility. Surface water drains will be sealed in the event of a fire to prevent the ingress of fire water.

5.3 Spillages

5.3.1 All fuel stores on site are bunded to contain any fuel leaks. Oil and vehicle maintenance chemicals are securely stored in the workshop building on site. If any spills occur a spill containment kit (absorbent pads, booms or granules) will be used to prevent further spillage and the contaminated absorbents placed in a skip for disposal to a suitably licensed landfill. No chemical leaks are expected in the waste handling area but should they occur the procedures outlined in Section 5.4.1 below will apply

5.4 Drums

5.4.1 The deposit of drummed waste will not be allowed at the site. If a drum is concealed within a skip and is not observed until the skip is emptied on the hardstanding area then the following procedure will apply:

i. The staff member will visually check the condition of the drum from a safe distance, noting any labels referring to the possible contents or hazards.

ii. The site manager will be contacted to verify the observations and to assess the correct method of containment and removal.

iii. The producer of the waste and the Environment Agency will be contacted for advice and further information if necessary and both will be informed that a breach of the Duty of Care and site permit conditions has occurred as the result of the unauthorised deposit.

iv. No further waste will be deposited until the emergency has been dealt with.

v All spillages will be cleared using a spill containment kit and all contaminated absorbents placed in a skip for disposal to a suitably permitted waste management site.

vi. If the deposit results in serious reactions with other waste or harmful emissions or the drum contents cannot be identified then the emergency services and/or specialist waste contractors brought in to assist. If necessary staff will be evacuated from the site or to a safe area within the site.

5.5 Adverse reactions

5.5.1 No wastes are accepted which will react to present such a hazard. If unauthorised waste is found in a skip and does present such a hazard the same procedures as for the deposit of drums (above) shall apply.

5.6 High winds

5.6.1 The deposit of skips containing light wastes likely to be blown off site in high winds will either cease until conditions improve or until litter netting is emplaced around the waste handling area or storage area at risk. Such a problem should not occur as light waste is contained within the transfer building. It is a site rule that all vehicles leaving the site must be sheeted or otherwise contained/secured to comply with the requirements of the Duty of Care legislation.

5.7 Poor visibility

5.7.1 The site will not operate in conditions of poor visibility such as dense fog to reduce the risk of vehicle collision.

5.8 Operational failure

5.8.1 The manager will be contacted in the event of any operational failure such as the breakdown of plant, systems or equipment and will decide whether operations are to continue or be suspended prior to corrective action being taken. Serious operational failures which result in the closure of the site will be recorded in the site diary.

5.9 Overturned vehicle

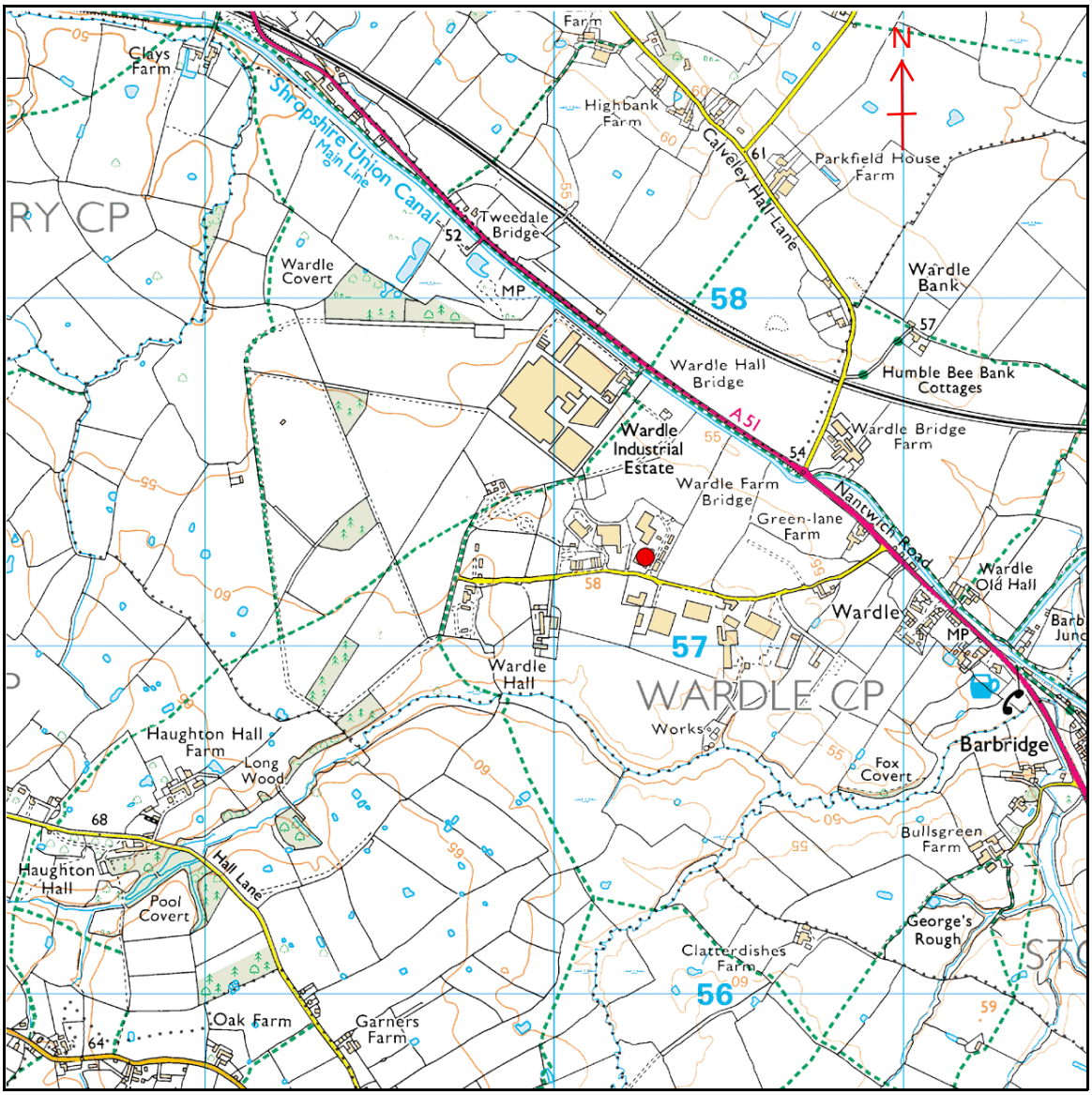
5.9.1 If a vehicle is overturned on the site or near the site entrance then no further waste will be accepted until the vehicle has been righted and any spillages have been cleared as described in Section 5.3.1 and 5.4.1 above.

5.10 Bomb scare

5.10.1 In the unlikely event of a bomb scare (i.e. a suspect device observed in a load of waste received at the site) the site will be evacuated and the police contacted. The police will then assume control of the site until the threat has been verified or the device defused and removed.

Appendix I

Drawings



Drawing No.	935-202-01	**Date**	14 January 2010
Title	Site Location Map		
Scale	1 km Grid Squares		
Client	Nick Brookes		
Site	Green Lane, Wardle, Nantwich CW5 6DB		

Oaktree Environmental Ltd
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E-mail: sales@oaktree-environmental.co.uk

Title: PERMIT BOUNDARY PLAN

Drawing No: 2136/202/02

Client: Nick Brookes Demolition & Waste Disposal

Site: Green Lane Transfer Station, Wardle, Cheshire

NGR:

Date:	Printed At:
8 April 2011	A4

Scale:	Revision:	Drawn By:
1:2,500	A	CP

Client No:	Job No:	Checked:
202	2136	RS

KEY:

= Proposed permit boundary

Notes:

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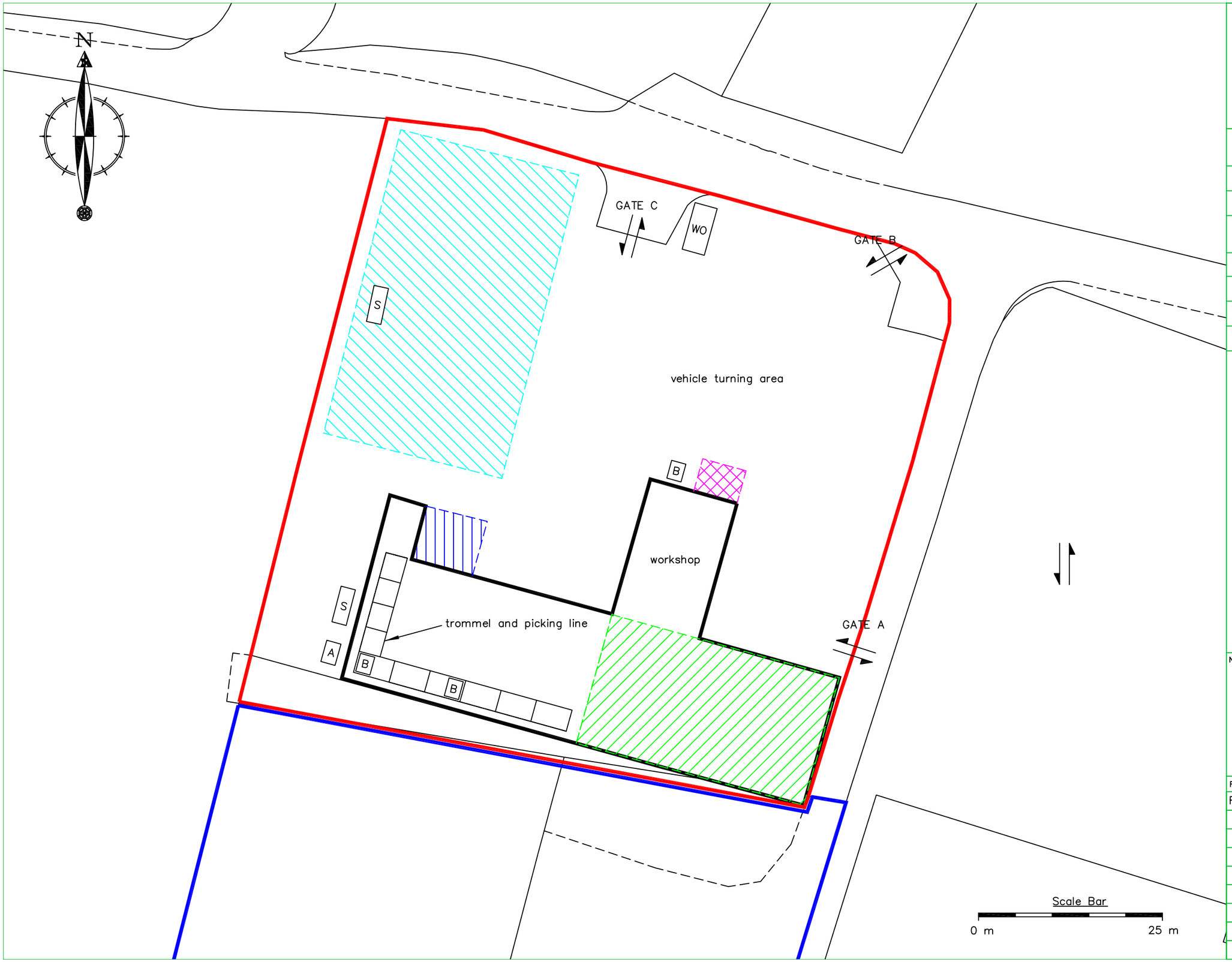
Revision Details:

Rev:	Description:	Date:
-	Initial drawing	07/04/11
A	Permit boundary amended	08/04/11



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Tel: 01606 558833 Fax: 01606 861182
E-mail: sales@oaktree-environmental.co.uk

Title: SITE LAYOUT PLAN

Drawing No: 202/1025/NB/13

Client: Nick Brookes Demolition & Waste Disposal

Site: Green Lane Transfer Station, Wardle, Cheshire

NGR:

Date: 5 November 2009 | Printed At: A3

Scale: 1:500

Revision: B | Drawn By: RS | Checked:

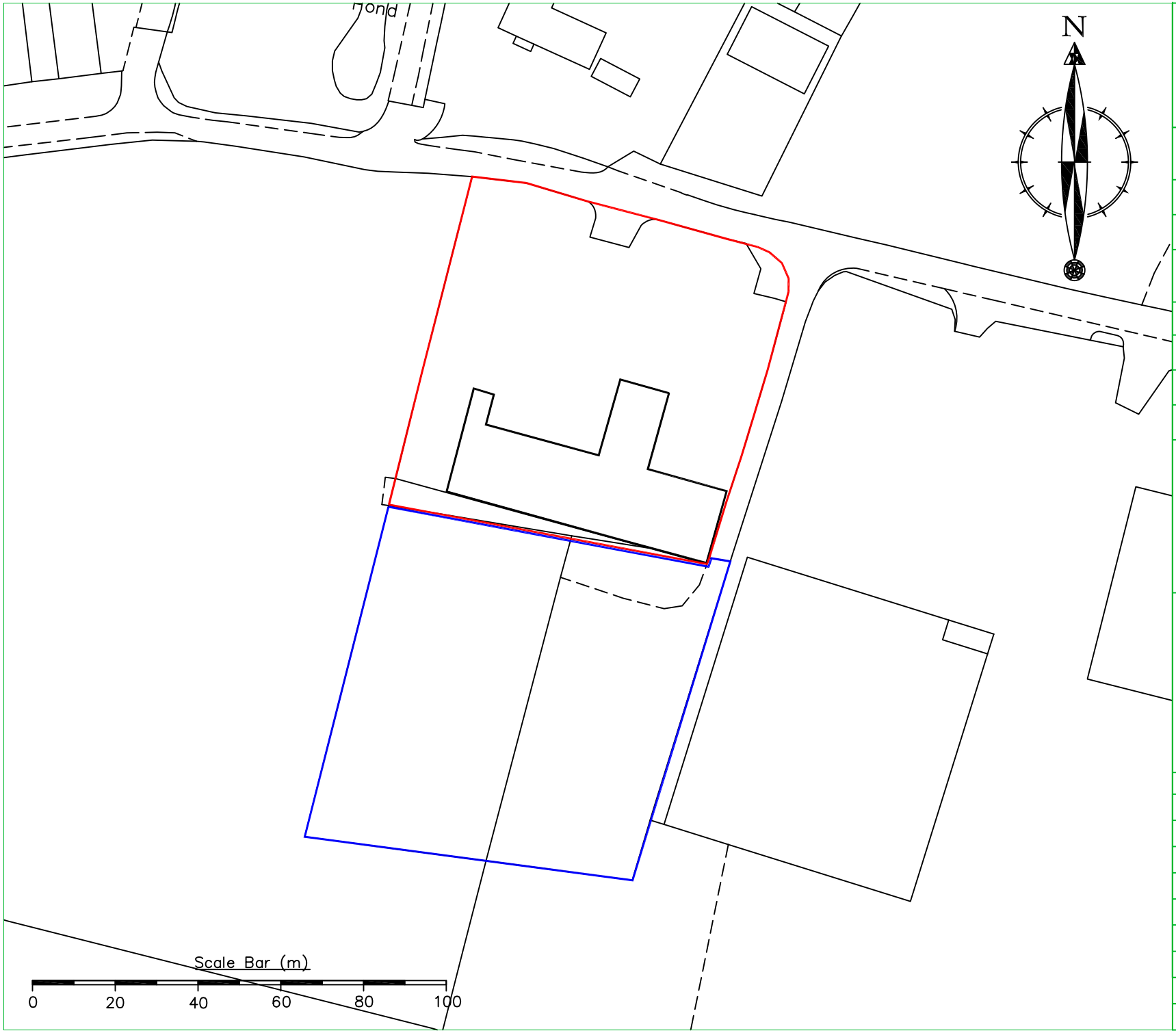
KEY:

= Green waste / wood processing
= Waste reception
= WEEE storage area
= Tyre storage area
B = Baler
S = Shredder
A = Asbestos storage container
WO = Waste oil storage area
= Licence/permit boundary
= Building
= Aggregate recycling yard

Notes:

Revision Details:

Rev	Description	Date
–	Initial drawing	27/10/09
A	Gates, aggregate yard added	02/11/09
B	Boundary amended	05/11/09



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Tel: 01606 558833 Fax: 01606 861182
E-mail: sales@oaktree-environmental.co.uk

Title: SITE LOCATION PLAN

Drawing No: 202/1025/NB/12

Client: Nick Brookes Demolition & Waste Disposal

Site: Green Lane Transfer Station, Wardle, Cheshire

NGR:

Date: 5 November 2009 **Printed At:** A4

Scale: 1:1,250

Revision: A **Drawn By:** RS **Checked:**

KEY:

= Existing permit boundary

= Exempt area (Paragraph 13)

Notes:

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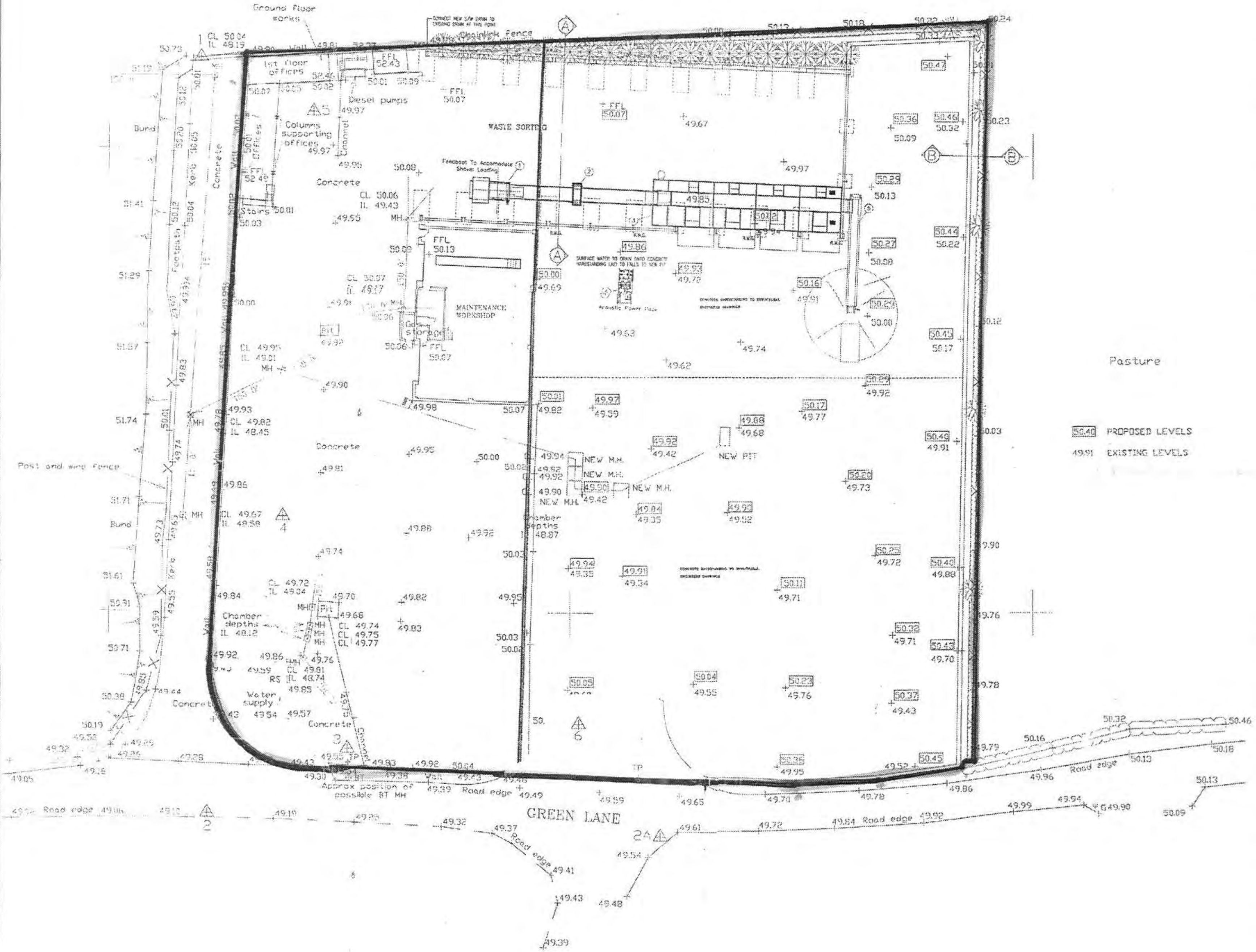
Revision Details:

Rev	Description	Date
–	Initial drawing	02/11/09
A	Boundaries amended	05/11/09



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IF IN DOUBT ASK IMMEDIATELY.

NOTES:

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GENERAL

All materials and workmanship to comply with the recommendations and requirements of all current British Standard Specification and Codes of Practice, Building Regulations and CDM Regulations. All proprietary products to be utilised fully in accordance with the manufacturers instructions. All structural timber to be SS or SC3 grade, preservative treated.

GROUND FLOOR.

[illegible]

SURFACE WATER DRAINAGE

[illegible]

GROUND FLOOR TO GARAGE

For all other structural information see structural engineer's drawing no's 3577-01 to 3577-10

DESCRIPTION	DATE	REV
ALTERATIONS TO THE BOUNDARY TREATMENT	6.3.99	D
NEW BUILDING ROTATED AND PLANTING ADDED	23.8.99	C
VARIOUS ALTERATIONS	15.8.99	B
LEVELS CHANGED AND SIZE OF PLANT INCREASED	13.1.99	A

NBF
PARTNERSHIP
CHESTER
ARCHITECTS
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TELEPHONE : 01244-320048 FAX : 01244-342801
ASSOCIATED OFFICE IN LONDON

CLIENT
NICK BROOKES DEMOLITION

JOB TITLE
EXTENSION AND ALTERATIONS TO THE WASTE TRANSFER STATION

DRAWING TITLE
PROPOSED SITE PLAN

DATE: NOV 98	DRAWN BY: JAP
SCALE: 1:200	

JOB NO.	DRAWING NUMBER	REV
C1134	02	D

Oaktree Environmental Ltd
Waste Management and Environmental Consultants

Unit 5, Oasis Park, Road One
Winsford Industrial Estate
Winsford, Cheshire CW7 3RY

Tel: 01606 558833 Fax: 01606 861182
E-mail: sales@oaktree-environmental.co.uk

Title: SITE LAYOUT PLAN

Drawing No: 935/202/03

Client: Nick Brookes Recycling

Site: Green Lane, Wardle, Cheshire

NGR:

Date: 4 March 2010 | Printed At: A1

Scale: 1: 500

Revision: A | Drawn By: RS | Checked:

Notes:

1. Boundary treatment:

A-B	Concrete panel fence to 3 metres
B-C	Hedgerow
C-D, C-E, E-F	Galvanised steel palisade fencing to 2.4 m

2. Holding tank will be fitted with an alarm which will sound in the office when the tank reaches 80% capacity. The tank will be checked weekly or after rainfall, whichever is the lesser.

3. The composting area is already concreted with some small areas of hardcore to be surfaced. The area will be kerbed to direct runoff to the holding tank.

4. The composting maturation area and open storage areas will be used according to operational requirements and in agreement with the LPA and Environment Agency.

5. Concrete area (shaded blue) = 6,385 sq. m
   Holding tank volume = 160 cu. m
   Concrete specification = mesh/fibre reinforced (C35)

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KEY:

- Extent of concrete area
- Extent of tarmac area
- Surface drainage channel
- Underground drainage channel

Revision Details:

Rev	Description	Date
–	Initial drawing	14/01/10
A	Consultation revisions	04/03/10

Appendix II

Record Forms

Nick Brookes Demolition and Waste Disposal - Recycling Centre **DATE:.....**

Waste Input Record Form - NB/RF/1

TIME	PRODUCER	WASTE TYPE	QUANTITY TONNES / M^3	NAME OF CARRIER	DRIVERS NAME	DRIVERS SIGNATURE	VEHICLE REG. NO.	WASTE ACCEPTED/ INSPECTED BY
TOTAL FOR THIS SHEET								
TOTAL FROM PREVIOUS SHEET				SHEET No. OF . CHECKED.....				
TOTAL WASTE DEPOSITED								

Nick Brookes Demolition and Waste Disposal - Recycling Centre

REJECTED WASTE - RECORD FORM NB/RF/2

DATE	
TIME	
WASTE DESCRIPTION	
QUANTITY OF WASTE	
PRODUCER/HOLDER'S NAME, ADDRESS & TELEPHONE No.	
NAME OF CARRIER	
VEHICLE REGISTRATION	
CARRIER REG. No.	
REASON FOR REJECTION OF WASTE	
ACTION TAKEN	

NOTE: FAX TO ENVIRONMENT AGENCY ON 01925-852260

FOR THE ATTENTION OF .....

Nick Brookes Demolition and Waste Disposal - Recycling Centre

Waste Output Record Form - NB/RF/3

Month.....

DATE	TIME	WASTE TYPE	QUANTITY (TONNES)	DESTINATION SITE (INCLUDING COUNTY)	NAME OF CARRIER OR EMPLOYEE REMOVING WASTE	VEHICLE REG. NO.
TOTAL FOR THIS SHEET						
TOTAL FROM PREVIOUS SHEET =				SHEET No. OF . CHECKED.....		
TOTAL WASTE EXPORTED (TONNES) =						

Nick Brookes Demolition and Waste Disposal- Recycling Centre

SITE INSPECTION FORM - RECORD FORM NB/RF/4

WEEK STARTING	

TYPE OF INSPECTION	FREQ.	DAY						
		M	T	W	T	F	S	S
WASTE TYPES	DAILY							
WASTE STORAGE	DAILY							
WASTE QUANTITIES	DAILY							
SECURITY - FENCING/N.BOARD	DAILY							
SECURITY - GATES	DAILY							
FIRES	DAILY							
PLANT/EQUIPMENT	DAILY							
LITTER	DAILY							
DUST	TWICE DAILY							
ODOUR	TWICE DAILY							
MUD ON ROADS	DAILY							
VERMIN	DAILY							
WASTE CONTAINERS	DAILY							
FUEL TANK/BUND	DAILY							
'PUSH WALLS'	WEEKLY							
SITE ROADS	WEEKLY							
CONCRETE HARDSTANDING AREAS	WEEKLY							
DRAINAGE CHANNELS	MONTHLY							
INTERCEPTOR/SILT TRAPS	WEEKLY							
INSPECTION CARRIED OUT BY (INITIAL):								

NOTES/ACTION:

CHECKED BY		SIGNATURE	
POSITION		DATE	

NICK BROOKES (Wardle Industrial Estate)

SITE DIARY/ INSPECTION RECORD [NB/RF/4] EAWML/50066

AREA INSPECTED ⇓	MONTH / DAY				YEAR			
		M	T	W	T	F	S	S
SITE ENTRANCE/NOTICE BOARD								
SECURITY - GATES								
SECURITY - FENCING								
SITE ROADS / SURFACES								
WASTE CONTAINERS & BAYS								
STATIC/MOBILE PLANT/EQUIPMENT								
FUEL TANK/BUND (if relevant)								
CONCRETE HARDSTANDING								
DRAINAGE								
WASTE TYPES/ QUANTITIES	INERT							
WASTE TYPES/ QUANTITIES	BIODEGRADABLE							
HAZ. WASTE TYPES / STORAGE/QUARANTINE								
NOISE LEVELS								
FIRES								
DUST								
ODOROUS EMISSIONS								
LITTER								
PEST INFESTATIONS/ VERMIN								
RECORDS								
OTHER -								
INSPECTION CARRIED OUT BY								

NOTES/ACTION:

MON	START OPS		FINISH OPS		OP HOURS	
	TCM IN		TCM OUT		TCM HOURS	
	WEATHER					
	EMERGENCIES	YES / NO	COMPLAINTS	YES / NO	REJECTED	YES / NO
	RECORDS TO EA	YES / NO	BREAKDOWN	YES / NO	EA VISIT	YES / NO
TUES	START OPS		FINISH OPS		OP HOURS	
	TCM IN		TCM OUT		TCM HOURS	
	WEATHER					
	EMERGENCIES	YES / NO	COMPLAINTS	YES / NO	REJECTED	YES / NO
WEDS	START OPS		FINISH OPS		OP HOURS	
	TCM IN		TCM OUT		TCM HOURS	
	WEATHER					
	RECORDS TO EA	YES / NO	BREAKDOWN	YES / NO	EA VISIT	YES / NO
THURS	START OPS		FINISH OPS		OP HOURS	
	TCM IN		TCM OUT		TCM HOURS	
	WEATHER					
	EMERGENCIES	YES / NO	COMPLAINTS	YES / NO	REJECTED	YES / NO
	RECORDS TO EA	YES / NO	BREAKDOWN	YES / NO	EA VISIT	YES / NO
FRI	START OPS		FINISH OPS		OP HOURS	
	TCM IN		TCM OUT		TCM HOURS	
	WEATHER					
	EMERGENCIES	YES / NO	COMPLAINTS	YES / NO	REJECTED	YES / NO
	RECORDS TO EA	YES / NO	BREAKDOWN	YES / NO	EA VISIT	YES / NO
SAT	START OPS		FINISH OPS		OP HOURS	
	TCM IN		TCM OUT		TCM HOURS	
	WEATHER					
	EMERGENCIES	YES / NO	COMPLAINTS	YES / NO	REJECTED	YES / NO
	RECORDS TO EA	YES / NO	BREAKDOWN	YES / NO	EA VISIT	YES / NO
SUN	START OPS		FINISH OPS		OP HOURS	
	TCM IN		TCM OUT		TCM HOURS	
	WEATHER					
	EMERGENCIES	YES / NO	COMPLAINTS	YES / NO	REJECTED	YES / NO
	RECORDS TO EA	YES / NO	BREAKDOWN	YES / NO	EA VISIT	YES / NO

FOR ALL ACTIONS RECORDED AS 'YES' ABOVE PLEASE ENTER FURTHER DETAILS IN NOTES/ACTION OR IN SITE DIARY:

CHECKED BY		SIGNATURE		POSITION		DATE	

NICK BROOKES- RECYCLING CENTRE - VISITOR LOG - NB/RF/5
(EAWML/50066)

NAME	SIGNATURE	DATE	ORGANISATION (where applicable)	TIME IN	TIME OUT	COMMENTS/COMPLAINTS

NICK BROOKES- RECYCLING CENTRE - COMPLAINTS RECORD- NB/RF/6
(EAWML/50066)

NAME	DATE	ORGANISATION (where applicable)	COMMENTS/COMPLAINTS	ACTION TAKEN/COMMENTS (IN RESPONSE)

Appendix III

Waste types

APPENDIX III - WASTE TYPES ACCEPTED AT
NICK BROOKES DEMOLITION & WASTE DISPOSAL
FROM THE EUROPEAN WASTE CATALOGUE - COMMISSION DECISION 2000/532

01 WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND CHEMICAL TREATMENT OF MINERALS

01 01	**wastes from mineral excavation**
01 01 01	wastes from mineral metalliferous excavation
01 01 02	wastes from mineral non-metalliferous excavation
01 03	**wastes from physical and chemical processing of metalliferous minerals**
01 03 99	waste not otherwise specified
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
01 04 13	wastes from stone cutting and sawing other than those mentioned in 01 04 07
01 04 99	waste not otherwise specified
01 05	**drilling muds and other drilling wastes**
01 05 04	freshwater drilling muds and wastes
01 05 99	waste not otherwise specified

02 WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING

02 01	**wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing**
02 01 03	plant-tissue waste
02 01 04	waste plastics (except packaging)
02 01 07	wastes from forestry
02 01 09	agrochemical waste other than those mentioned in 02 01 08
02 01 10	waste metal
02 01 99	waste not otherwise specified
02 03	**wastes from fruit, vegetables, cereals, edible oils, cocoa, coffee, tea and tobacco preparation and processing;**
02 03 04	materials unsuitable for consumption or processing
02 03 99	waste not otherwise specified
02 04	**wastes from sugar processing**
02 04 01	soil from cleaning and washing beet
02 04 02	off-specification calcium carbonate
02 04 99	waste not otherwise specified
02 05	**wastes from the dairy products industry**
02 05 01	materials unsuitable for consumption or processing
02 05 99	waste not otherwise specified
02 06	**wastes from the baking and confectionery industry**
02 06 01	materials unsuitable for consumption or processing
02 06 99	waste not otherwise specified
02 07	**wastes from the production of alcoholic and non-alcoholic beverages (except coffee, tea and cocoa)**
02 07 01	wastes from washing, cleaning and mechanical reduction of raw materials
02 07 04	materials unsuitable for consumption or processing
02 07 99	waste not otherwise specified

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 05	sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04
03 01 99	waste not otherwise specified
03 03	**wastes from pulp, paper and cardboard production and processing**
03 03 01	waste bark and wood
03 03 05	de-inking sludges from paper recycling
03 03 07	mechanically separated rejects from pulping of waste paper and cardboard
03 03 08	wastes from sorting of paper and cardboard destined for recycling
03 03 99	waste not otherwise specified

04 WASTES FROM THE LEATHER, FUR AND TEXTILE INDUSTRIES

04 01	**wastes from the leather and fur industry**
04 01 08	waste tanned leather (blue sheetings, shavings, cuttings, buffing dust) containing chromium
04 01 09	wastes from dressing and finishing
04 01 99	waste not otherwise specified
04 02	**wastes from the textile industry**
04 02 09	wastes from composite materials (impregnated textile, elastomer, plastomer)
04 02 10	organic matter from natural products (for example grease, wax)
04 02 15	wastes from finishing other than those mentioned in 04 02 14
04 02 21	wastes from unprocessed textile fibres
04 02 22	wastes from processed textile fibres
04 02 99	waste not otherwise specified

05 WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL

05 01	**wastes from petroleum refining**
05 01 17	bitumen
05 01 99	waste not otherwise specified

06 WASTES FROM INORGANIC CHEMICAL PROCESSES

06 13	**wastes from inorganic chemical processes not otherwise specified**
06 13 02*	spent activated carbon (except 06 07 02)
06 13 03	carbon black
06 13 05*	soot
06 13 99	waste not otherwise specified

07 WASTES FROM ORGANIC CHEMICAL PROCESSES

07 02	**wastes from the MFSU of plastics, synthetic rubber and man-made fibres**
07 02 13	waste plastic
07 02 99	waste not otherwise specified
07 06	**wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics**
07 06 99	waste not otherwise specified
07 07	**wastes from the MFSU of fine chemicals and chemical products not otherwise specified**
07 07 99	waste not otherwise specified

08 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS

08 01	**wastes from MFSU and removal of paint and varnish**
08 01 99	waste not otherwise specified
08 03	**wastes from MFSU of printing inks**
08 03 18	waste printing toner other than those mentioned in 08 03 17
08 03 99	waste not otherwise specified
08 04	**wastes from MFSU of adhesives and sealants (including waterproofing products)**
08 04 99	waste not otherwise specified

09 WASTES FROM THE PHOTOGRAPHIC INDUSTRY

09 01	**wastes from the photographic industry**
09 01 07	photographic film and paper containing silver or silver compounds
09 01 08	photographic film and paper free of silver or silver compounds
09 01 10	single-use cameras without batteries
09 01 11*	single-use cameras containing batteries included in 16 06 01, 16 06 02 or 16 06 03
09 01 12	single-use cameras containing batteries other than those mentioned in 09 01 11
09 01 99	waste not otherwise specified

10 WASTES FROM THERMAL PROCESSES

10 01	**wastes from power stations and other combustion plants (except 19)**
10 01 01	bottom ash, slag and boiler dust (excluding boiler dust mentioned in 10 01 04)
10 01 02	coal fly ash
10 01 03	fly ash from peat and untreated wood
10 01 15	bottom ash, slag and boiler dust from co-incineration other than those mentioned in 10 01 14
10 01 17	fly ash from co-incineration other than those mentioned in 10 01 16
10 01 19	wastes from gas cleaning other than those mentioned in 10 01 05, 10 01 07 and 10 01 18
10 01 24	sands from fluidised beds
10 01 99	waste not otherwise specified
10 02	**wastes from the iron and steel industry**
10 02 01	wastes from the processing of slag
10 02 02	unprocessed slag

10 02 08	solid wastes from gas treatment other than those mentioned in 10 02 07
10 02 99	waste not otherwise specified
10 03	**wastes from aluminium thermal metallurgy**
10 03 02	anode scraps
10 03 18	carbon-containing wastes from anode manufacture other than those mentioned in 10 03 17
10 03 24	solid wastes from gas treatment other than those mentioned in 10 03 23
10 03 28	wastes from cooling-water treatment other than those mentioned in 10 03 27
10 03 30	wastes from treatment of salt slags and black drosses other than those mentioned in 10 03 29
10 03 99	waste not otherwise specified
10 04	**wastes from lead thermal metallurgy**
10 04 99	waste not otherwise specified
10 05	**wastes from zinc thermal metallurgy**
10 05 04	other particulates and dust
10 05 11	dross and skimmings other than those mentioned in 10 05 10
10 05 99	waste not otherwise specified
10 06	**wastes from copper thermal metallurgy**
10 06 01	slags from primary and secondary production
10 06 02	dross and skimmings from primary and secondary production
10 06 04	other particulates and dust
10 06 99	waste not otherwise specified
10 07	**wastes from silver, gold and platinum thermal metallurgy**
10 07 01	slags from primary and secondary production
10 07 02	dross and skimmings from primary and secondary production
10 07 03	solid wastes from gas treatment
10 07 04	other particulates and dust
10 07 99	waste not otherwise specified
10 08	**wastes from other non-ferrous thermal metallurgy**
10 08 04	particulates and dust
10 08 09	other slags
10 08 11	dross and skimmings other than those mentioned in 10 08 10
10 08 13	carbon-containing wastes from anode manufacture other than those mentioned in 10 08 12
10 08 14	anode scrap
10 08 99	waste not otherwise specified
10 09	**wastes from casting of ferrous pieces**
10 09 03	furnace slag
10 09 06	casting cores and moulds which have not undergone pouring other than those mentioned in 10 09 05
10 09 08	casting cores and moulds which have undergone pouring other than those mentioned in 10 09 07
10 09 10	flue-gas dust other than those mentioned in 10 09 09
10 09 12	other particulates other than those mentioned in 10 09 11
10 09 14	waste binders other than those mentioned in 10 09 13
10 09 16	waste crack-indicating agent other than those mentioned in 10 09 15
10 09 99	waste not otherwise specified
10 10	**wastes from casting of non-ferrous pieces**

10 10 03	furnace slag
10 10 06	casting cores and moulds which have not undergone pouring, other than those mentioned in 10 10 05
10 10 08	casting cores and moulds which have undergone pouring, other than those mentioned in 10 10 07
10 10 10	flue-gas dust other than those mentioned in 10 10 09
10 10 12	other particulates other than those mentioned in 10 10 11
10 10 14	waste binders other than those mentioned in 10 10 13
10 10 16	waste crack-indicating agent other than those mentioned in 10 10 15
10 10 99	waste not otherwise specified
10 11	**wastes from manufacture of glass and glass products**
10 11 03	waste glass-based fibrous materials
10 11 05	particulates and dust
10 11 10	waste preparation mixture before thermal processing, other than those mentioned in 10 11 09
10 11 12	waste glass other than those mentioned in 10 11 11
10 11 14	glass-polishing and grinding sludge other than those mentioned in 10 11 13
10 11 16	solid wastes from flue-gas treatment other than those mentioned in 10 11 15
10 11 20	solid wastes from on-site effluent treatment other than those mentioned in 10 11 19
10 11 99	waste not otherwise specified
10 12	**wastes from manufacture of ceramic goods, bricks, tiles and construction products**
10 12 01	waste preparation mixture before thermal processing
10 12 03	particulates and dust
10 12 05	sludges and filter cakes from gas treatment
10 12 06	discarded moulds
10 12 08	waste ceramics, bricks, tiles and construction products (after thermal processing)
10 12 10	solid wastes from gas treatment other than those mentioned in 10 12 09
10 12 12	wastes from glazing other than those mentioned in 10 12 11
10 12 99	waste not otherwise specified
10 13	**wastes from manufacture of cement, lime and plaster and articles and products made from them**
10 13 01	waste preparation mixture before thermal processing
10 13 04	wastes from calcination and hydration of lime
10 13 06	particulates and dust (except 10 13 12 and 10 13 13)
10 13 13	solid wastes from gas treatment other than those mentioned in 10 13 12
10 13 14	waste concrete and concrete sludge
10 13 99	waste not otherwise specified

11 WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS; NON-FERROUS HYDRO-METALLURGY

11 05	**wastes from hot galvanising processes**
11 05 01	hard zinc
11 05 02	zinc ash
11 05 99	waste not otherwise specified

12 WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS

12 01	**wastes from shaping and physical and mechanical surface treatment of metals and plastics**
12 01 01	ferrous metal filings and turnings
12 01 02	ferrous metal dust and particles
12 01 03	non-ferrous metal filings and turnings
12 01 04	non-ferrous metal dust and particles
12 01 05	plastics shavings and turnings
12 01 13	welding wastes
12 01 17	waste blasting material other than those mentioned in 12 01 16
12 01 21	spent grinding bodies and grinding materials other than those mentioned in 12 01 20
12 01 99	waste not otherwise specified

15 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED

15 01	**packaging (including separately collected municipal packaging waste)**
15 01 01	paper and cardboard packaging
15 01 02	plastic packaging
15 01 03	wooden packaging
15 01 04	metallic packaging
15 01 05	composite packaging
15 01 06	mixed packaging
15 01 07	glass packaging
15 01 09	textile packaging
15 01 10*	packaging containing residues of or contaminated by dangerous substances
15 02	**absorbents, filter materials, wiping cloths and protective clothing**
15 02 02*	absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances
15 02 03	absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02

16 WASTES NOT OTHERWISE SPECIFIED IN THE LIST

16 01	**end-of-life vehicles from different means of transport (including off-road machinery) and wastes from**
16 01 03	end-of-life tyres
16 01 04*	end-of-life vehicles
16 01 06	end-of-life vehicles, containing neither liquids nor other hazardous components
16 01 07*	oil filters
16 01 12	brake pads other than those mentioned in 16 01 11
16 01 17	ferrous metal
16 01 18	non-ferrous metal
16 01 19	plastic
16 01 20	glass
16 01 22	components not otherwise specified
16 02	**wastes from electrical and electronic equipment**
16 02 11*	discarded equipment containing chlorofluorocarbons, HCFC, HFC
16 02 13*	discarded equipment containing hazardous components other than those mentioned in 16 02 09 to 16 02 12
16 02 14	discarded equipment other than those mentioned in 16 02 09 to 16 02 13
16 02 15*	hazardous components removed from discarded equipment
16 02 16	components removed from discarded equipment other than those mentioned in 16 02 15
16 03	**off-specification batches and unused products**
16 03 04	inorganic wastes other than those mentioned in 16 03 03
16 03 06	organic wastes other than those mentioned in 16 03 05
16 06	**batteries and accumulators**
16 06 01*	lead batteries
16 06 02*	Ni-Cd batteries
16 06 03*	mercury-containing batteries
16 06 04	alkaline batteries (except 16 06 03)
16 06 05	other batteries and accumulators
16 08	**spent catalysts**
16 08 01	spent catalysts containing gold, silver, rhenium, rhodium, palladium, iridium or platinum (except 16 08 07)
16 08 03	spent catalysts containing transition metals or transition metal compounds not otherwise specified
16 11	**waste linings and refractories**
16 11 02	carbon-based linings and refractories from metallurgical processes others than those mentioned in 16 11 01
16 11 04	other linings and refractories from metallurgical processes other than those mentioned in 16 11 03
16 11 06	linings and refractories from non-metallurgical processes others than those mentioned in 16 11 05

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 06*	mixtures of, or separate fractions of concrete, bricks, tiles and ceramics containing dangerous substances
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 01	Wood
17 02 02	Glass
17 02 03	Plastic
17 02 04*	glass, plastic and wood containing or contaminated with dangerous substances
17 03	**bituminous mixtures, coal tar and tarred products**
17 03 01*	bituminous mixtures containing coal tar
17 03 02	bituminous mixtures other than those mentioned in 17 03 01
17 03 03*	coal tar and tarred products
17 04	**metals (including their alloys)**
17 04 01	copper, bronze, brass
17 04 02	Aluminium
17 04 03	Lead
17 04 04	Zinc
17 04 05	iron and steel
17 04 06	Tin
17 04 07	mixed metals
17 04 09*	metal waste contaminated with dangerous substances
17 04 10*	cables containing oil, coal tar and other dangerous substances
17 04 11	cables other than those mentioned in 17 04 10
17 05	**soil (including excavated soil from contaminated sites), stones and dredging spoil**
17 05 03*	soil and stones containing dangerous substances
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 07*	track ballast containing dangerous substances
17 05 08	track ballast other than those mentioned in 17 05 07
17 06	**insulation materials and asbestos-containing construction materials**
17 06 01*	insulation materials containing asbestos
17 06 03*	other insulation materials consisting of or containing dangerous substances
17 06 04	insulation materials other than those mentioned in 17 06 01 and 17 06 03
17 06 05 *	construction materials containing asbestos
17 08	**gypsum-based construction material**
17 08 02	gypsum-based construction materials other than those mentioned in 17 08 01
17 09	**other construction and demolition wastes**
capacitors)	
17 09 03*	other construction and demolition wastes (including mixed wastes) containing dangerous substances
17 09 04	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03

19 WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTEWATER TREATMENT PLANTS AND PREPARATION OF WATER INTENDED FOR

HUMAN CONSUMPTION/INDUSTRIAL USE

19 01	**wastes from incineration or pyrolysis of waste**
19 01 02	ferrous materials removed from bottom ash
19 01 12	bottom ash and slag other than those mentioned in 19 01 11
19 01 14	fly ash other than those mentioned in 19 01 13
19 01 16	boiler dust other than those mentioned in 19 01 15
19 01 18	pyrolysis wastes other than those mentioned in 19 01 17
19 01 19	sands from fluidised beds
19 01 99	waste not otherwise specified
19 02	**wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)**
19 02 03	premixed wastes composed only of non-hazardous wastes
19 02 99	waste not otherwise specified
19 03	**stabilised/solidified wastes**
19 03 05	stabilised wastes other than those mentioned in 19 03 04
19 03 07	solidified wastes other than those mentioned in 19 03 06
19 04	**vitrified waste and wastes from vitrification**
19 04 01	vitrified waste
19 05	**wastes from aerobic treatment of solid wastes**
19 05 01	non-composted fraction of municipal and similar wastes
19 05 02	non-composted fraction of animal and vegetable waste
19 05 03	off-specification compost
19 05 99	waste not otherwise specified
19 08	**wastes from waste water treatment plants not otherwise specified**
19 08 01	Screenings
19 08 02	waste from desanding
19 08 99	waste not otherwise specified
19 09	**wastes from the preparation of water intended for human consumption or water for industrial use**
19 09 01	solid waste from primary filtration and screenings
19 09 04	spent activated carbon
19 09 05	saturated or spent ion exchange resins
09 09 99	waste not otherwise specified
19 10	**wastes from shredding of metal-containing wastes**
19 10 01	iron and steel waste
19 10 02	non-ferrous waste
19 12	**wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not**
19 12 01	paper and cardboard
19 12 02	ferrous metal
19 12 03	non-ferrous metal
19 12 04	plastic and rubber
19 12 05	glass
19 12 06*	wood containing dangerous substances
19 12 07	wood other than that mentioned in 19 12 06
19 12 08	textiles
19 12 09	minerals (for example sand, stones)
19 12 12	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11

19 13	**wastes from soil and groundwater remediation**
19 13 02	solid wastes from soil remediation other than those mentioned in 19 13 01

20 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY

20 01	**separately collected fractions (except 15 01)**
20 01 01	paper and cardboard
20 01 02	glass
20 01 08	biodegradable kitchen and canteen waste
20 01 10	clothes
20 01 11	textiles
20 01 21*	fluorescent tubes and other mercury-containing waste
20 01 23*	discarded equipment containing chlorofluorocarbons
20 01 25	edible oil and fat
20 01 28	paint, inks, adhesives and resins other than those mentioned in 20 01 27
20 01 30	detergents other than those mentioned in 20 01 29
20 01 33*	batteries and accumulators included in 16 06 01, 16 06 02 or 16 06 03 and unsorted batteries and accumulators containing these batteries
20 01 34	batteries and accumulators other than those mentioned in 20 01 33
20 01 35*	discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components (6)
20 01 36	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35
20 01 37*	wood containing dangerous substances
20 01 38	wood other than that mentioned in 20 01 37
20 01 39	plastics
20 01 40	metals
20 01 41	wastes from chimney sweeping
20 02	**garden and park wastes (including cemetery waste)**
20 02 01	biodegradable waste
20 02 02	soil and stones
20 02 03	other non-biodegradable wastes
20 03	**other municipal wastes**
20 03 01	mixed municipal waste
20 03 02	waste from markets
20 03 03	street-cleaning residues
20 03 07	bulky waste

Additional Waste Types required :

02 01 06	animal faeces, urine and manure
02 02 02	shellfish shells from which soft tissue or flesh has been removed
02 02 09	horse manure, farmyard manure and bedding
02 07 02	whisky filter sheets and clothes
03 03 10	fibre rejects
10 01 05	pulverised fuel ash
10 01 07	gypsum
17 01 07	mixtures of concrete, bricks, tiles and ceramics
17 05 04	soils and stones
19 09 02	washed sewage grit
19 13 04	sludges from soil remediation

Appendix IV

Health and Safety - Conditions of site use for staff and visitors.

Nick Brookes Demolition and Waste Disposal - Recycling Centre

HEALTH AND SAFETY - CONDITIONS OF SITE USE

The following guidelines apply to all site personnel, contractors and visitors using the site (where applicable).

1. The site is covered by the Health and Safety at Work Act 1974 and its associated regulations and all users must abide by any relevant provisions. Any person found to be in contravention of the requirements of this Health and Safety Statement will be asked to leave the site.

2. All visitors and contractors must sign the visitors book upon entry to and exit from the site. All vehicle drivers must report to the site office and await instruction from the site manager/deputy before proceeding to deposit waste at the site.

3. All accidents, diseases, injuries or dangerous occurrences shall be reported to the site manager. All instructions issued by the site manager in respect of health and safety at the site must be followed by all site users.

4. A first aid box (including eye-wash bottles) is kept in the site office and workshop. If you are injured on site please alert a member of staff/trained first aider for assistance.

5. All persons must wear high visibility clothing on site to avoid collision with loading plant.

6. Safety boots must be worn by all persons in the waste sorting area.

7. Protective gloves must be worn for any operations which present a hazard of puncture to or laceration of the skin or for any manual handling work carried out within the site.

8. Ear defenders, safety helmets (hard hats) and eye protection will be issued when deemed necessary and must be worn by all employees,, visitors and contractors where required by the site manager or other site representatives.

9. Fire extinguishers are kept on site to deal with any fires - fires shall only be dealt with by employees of Nick Brookes Demolition and Waste Disposal unless alternative instructions are given by the site manager. Access to fire exits and fire fighting equipment must be kept clear at all times. When the fire alarm is raised please follow instructions and leave the site in an orderly fashion.

10. Persons who are suspected to be under the influence of drugs or alcohol will be removed from the site.

11. Smoking is not permitted in the waste sorting or storage areas.

12. Observe and follow all traffic directions and traffic/safety signs.

13. Drivers must comply with all safety instructions given by the site manager or his appointed deputy.

14. All drivers are responsible for ensuring that their vehicle is safely loaded. Unsafe loads will not be accepted at the site and will not be allowed to leave the site until they have been made safe.

15. Drivers waiting to tip at the site shall follow the instructions of the site supervisor/operator and shall only tip in the designated bays/stockpiles, unless advised otherwise. No tipping shall take place over screened stockpiles.

16. Drivers must remain in the cab or stand well clear of the vehicle during loading or tipping. Once the vehicle has been loaded it must be securely sheeted (if necessary) before leaving the site. When sheeting and unsheeting the vehicle ensure that the engine is switched off , the ignition key removed and the parking brake is on. Do not gain access using the mudguards and wheels. Ensure that your ropes, hooks and sheets are in good condition.

17. Do not travel with the vehicle body raised. Ensure that you know the maximum height of the raised body of your vehicle.

Declaration: To be completed by site users

I have read and understand the conditions of use for this site and agree to comply with them at all times. I accept that neither Nick Brookes Demolition and Waste Disposal nor its employees shall be liable for any loss or injury arising from my non-compliance with the above conditions.

Signed.....

Print name.....

Company/Organisation.....

Date.....

Note: these conditions are included in the working plan for information only and may be revised regularly a s part of the site health and safety policy.

Appendix V

Supporting Documents

Dear Jan,

Further to your recent Duty of Care request, please see the following information as held on our latest records:

Environmental Permitting/Exemption Ref Number	Trading name and address	Valid Licence Found
NCC/019267 NCC/022085 NR1/002854 NR1/002855 NR1/002859 NR1/002860	Nick Brookes Demolition and Waste Disposal Recycling Centre Green Lane Wardle Ind Estate Wardle Cheshire CW5 6DB	13 15 13 21 11 17

Please note that a non response to a duty of care request means that either:

1. the information provided to the Environment Agency was insufficient to find a record or,
2. that the person(s) or business does not have a Environmental Permit or Environmental Permitting Exemption registered with the Environment Agency.

Yours sincerely

Michael Ramsden

Duty of Care Team
Environment Agency
National Customer Contact Centre
Tel: 08708 506506

CONTENTS **Page**

1.0 INTRTRODUCTION/DESCRIPTION OF PROCESS AND OPERATOR

1.1 This document has been produced to accompany the application to vary the Environmental Permit EAWML 50066 to extend the permit area to include the Soils Washing Plant, waste/materials storage area and future composting facility.

1.2 The facility includes the operation of a recycling centre which involves storage and treatment of inert and non-hazardous wastes inside a purpose built building, crushing and screening mainly inert wastes outdoors and a soils washing plant. This dust management scheme is presented as a risk assessment with procedures derived from the site specific risks associated with the permitted design for these activities.

1.3 All plant and equipment on site will be operated at all times by staff employed by Nick Brookes Demolition & Waste Disposal.

1.4 If specialist plant is hired from a third party the hirer will provide an operator as part of the hire contract. This condition of hire ensures correct operation and maintenance of the plant.

1.5 All site operations will be carried out to minimise the creation of dust. The site has a sprinkler system consisting of water storage tanks which have a capacity of 100 m^3 and will be filled from the mains supply or the licensed groundwater abstraction. A network of up to 24 Rain Bird sprinklers installed around the site perimeter and in the transfer building and are fed from the storage tanks via a small 'pump house' building. This system will permit the effective spraying of the whole site surface to minimise dust generation. A water hose will also be used where necessary to spray the plant, equipment, site roads, any dusty surfaces and inert waste to prevent the formation of excessive dust. During maintenance of the sprinkler system a bowser or vacuum tanker will be used to spray the site surfaces to prevent the formation of excessive dust - this particularly applies to site roads, storage, loading and unloading areas.

1.6 One of the main sources of dust emissions on site is from the deposit of mixed wastes. As the reception of mixed wastes is located within the transfer building, this should help limit the formation of dust on site from the general transfer activities.

1.7 The transfer building benefits from a dedicated dust control in the form of a sprinkler system as detailed above. Such systems are very effective at controlling dust from trommel operations.

1.8 The soils washing plant is located within a building and the nature of the process does not produce excessive amounts of dust. Dust suppression is however available. The associated stockpiles of waste and products are sprayed to minimise dust formation.

1.9 The other main source of dust emissions would be from the crushing and screening of construction and demolition waste including bricks, concrete, soils etc. arising from waste disposal and demolition operations to produce reusable products and reduce the quantity of waste deposited in landfills.

2.0 PLANT & EQUIPMENT

2.1 The type of plant used varies according to the volumes of stockpiles held. In summary the following processing plant may be used on site:

i. Crusher
ii. Vibrating screen or trommel screen
iii. Stockpiling conveyors
iv. 360^{O} tracked excavator
v. Soils washing plant

2.2 Abatement equipment available to the operator includes:

i. Wind boards
ii. Conveyor hoods
iii. Spray bars
iv. Fixed sprinklers (mains or mobile supply)
v. Vacuum sweeper
vi. Water bowsers
vii. Hose reels
viii. Mobile pressure wash
ix. Dust control fencing
x. Wheelwash

2.3 Personal Protective Equipment will be issued to all plant operators to ensure their safety. Such items will include safety goggles, gloves, hi-visibility vests/jackets, ear defenders/plugs, hard hats and safety boots. All staff will be trained in the correct usage of their PPE and the plant and equipment they manage. Training records will be kept in the site office.

2.4 Essential spares for plant maintenance will be kept on site. If there is a risk that dust will be emitted following a malfunction or breakdown the plant will be shut down for repairs and the stockpile handled in accordance with the procedures outlined in Section 4.

3.0 RISK ASSESSMENT

3.1 Risk assessment is the standard tool by which environmental hazards (source) are assessed for their potential impacts upon receptors through defined pathways. Risk assessment assists in providing a better understanding of the potential impacts from the site being studied and permits facilitation of remedial action if required through further investigation and action. This section assesses the environmental factors and the potential liabilities presented by the risks evaluated in a qualitative rather than quantitative format. A quantitative risk assessment is not possible as there is rarely sufficient data at waste transfer stations to make such as assessment.

3.2 Whilst the site does not have a statutory designation within the meaning defined in the Contaminated Land Regulations 2000 the definitions used in the regulations are relevant and used widely elsewhere i.e.

i. Source A substance or condition that has the potential to cause harm
e.g. leaking fuel tank, slurry lagoon or asbestos sheeting

ii. Pathway One or more routes by which a receptor is being or could be exposed to or brought into contact with a source of contamination.
e.g. via land, surface water, groundwater or air.

iii. Receptor A living organism or group of living organisms, an ecological system or property that could be detrimentally affected by the source e.g. groundwater, surface water, humans, farm animals.

3.3 The following example represents a conceptual model which shows how the aforementioned risk assessment process is undertaken to establish a link between pollutants (or hazards) and receptors i.e.

Source e.g. Leaking oil drum
⇓
Pathway e.g. land - contamination of soil, surface water or groundwater
⇓
Receptors e.g. Groundwater & humans via ingestion of groundwater Surface water leading to ingestion by fish which are consumed by other fish and mammals i.e. through the food chain. Humans through ingestion of contaminated fruit and vegetables etc.

3.4 Observation of activities similar to those on site reveals that the sources of dust arise from the following actions, in the absence of mitigation:

i. Vehicle movement on surfaced and unsurfaced ground
ii. Unsheeted vehicle loads (incoming or outgoing)
iii. Tipping vehicle loads (incoming)
iv. Loading vehicles using 360^{O} excavator or loading shovel
v. Loading feed hoppers using 360^{O} excavator or loading shovel
vi. Open conveyors and drop conveyors without dust suppression
vii. Stockpiling and stockpile management
viii. Open concreted areas

3.5 The main pathway for dust is airborne transmission which can deposit material on the ground off site in breach of planning and permitting conditions as well as being a potential health and safety hazard to staff on site. Dust can also be deposited into surface water causing a reduction in water quality. The main hazards are presented when dust settles on the ground and is carried off site by wind, vehicles or surface runoff (as mud/silt).

3.6 The main receptors are staff on site as they are in close proximity to the dust source. All other receptors off site should be protected by following the procedures outlined in this plan because dust has to be mitigated within the site boundary to comply with the environmental permitting regime. The procedures set out in Section 4.0 are designed to ensure that dust is not emitted beyond the site boundary and is suitably controlled within the site.

4.0 ABATEMENT METHODS AND PROCEDURES

4.1 General

4.1.1 A permanent water supply will be made available on site in all climatic conditions to ensure that the dust suppression systems can function effectively.

4.1.2 Water will be provided from the mains supply or from a mobile vacuum tanker.

4.1.3 All external water pipes will be lagged to prevent frost damage during winter months.

4.2 Vehicle movements

4.2.1 Vehicle speed on site is restricted to 5 miles per hour.

4.2.2 Exiting vehicles will have there wheels checked for dust and mud and hosed down if deemed necessary before leaving the site.

4.3 Unsheeted vehicle loads (incoming or outgoing)

4.3.1 All incoming and outgoing loads must be sheeted unless the material they are carrying has been sufficiently conditioned to ensure that no fugitive dust can be emitted from the vehicle body.

4.4 Tipping vehicle loads (incoming)

4.4.1 Vehicles will be directed by the plant operators to deposit loads adjacent to lee side of existing stockpiles to reduce the effects of wind.

4.4.2 Drivers will not be permitted to travel with raised vehicle bodies.

4.5 Loading vehicles using 360^{O} excavator or loading shovel

4.5.1 The operator of the loading plant will direct vehicles to a position and location which reduces wind whipping of loaded material i.e. the lee side of the loading plant.

4.6 Loading feed hoppers using 360^{O} excavator or loading shovel

4.6.1 Water based sprays fitted as standard for dust suppression over the feed area of the crusher and the crusher's discharge conveyor.

4.6.2 A water hose will be available in addition to any fixed water suppression on the crusher and screen (if fitted) to allow the operator to spray areas on or around the machinery which are likely to give rise to dust emissions i.e.

i. Feed area/hopper/crushing chamber
ii. Discharge point onto conveyors (the discharge points will be enclosed as far as is practicable)
iii The discharge conveyor

4.7 Open conveyors and discharge conveyors without dust suppression

4.7.1 The discharge conveyor on the crusher may be fitted with spray bars connected to the mains or a mobile water supply. The spray bars turned on when the crusher is in use as determined by the plant operator in accordance with the manufacturers recommendations.

4.7.2 Wind boards will be made available if required to enclose wind sensitive areas of conveyors to reduce the risk of dust emissions.

4.7.3 Where material <3 mm in size is present in the material to be screened or crushed the last metre of the final size discharge conveyor and the first metre of the free fall of the materials will be fitted with a hood to reduce dust emissions.

4.7.4 Drop heights from all discharge points will be kept to a minimum to prevent dust emissions where adjustment of conveyors permits.

4.9 Stockpiling and stockpile management

4.9.1 Stockpiles will be sprayed with water to prevent excessive drying and dust formation.

4.9.2 Stockpile height will be limited to *4* metres (pre-crushing) and 4 metres (product). When the maximum height is reached the product stockpiles will be removed by a loading shovel or a 360^0 machine to a storage bay or onto a vehicle for transport off site.

4.9.3 Material which is screened to produce an end product <3 mm in size will be processed such that the material is screened directly into a three sided bay or a skip/container and sheeted if necessary to prevent fugitive dust emissions.

4.9.4 During very windy conditions stockpiles will be reduced in height and conditioned with crusting agents if necessary to prevent airborne transport of material.

4.9.5 Stockpiles will be located to ensure that vehicles leaving the site do not track through the screened material to prevent deposit of debris on the highway. The deposit of material on the highway will be treated as an emergency and will be cleaned with a vacuum tanker.

4.9.6 Removal of material from stockpiles will be carried out from the most sheltered location adjacent to the conveyor.

4.9.7 Water sprays and bowsers will be used to reduce dust levels on all site surfaces where necessary. This particularly applies to site roads, storage, loading and unloading areas.

4.10 Open Concreted areas

4.10.1 Concreted areas which are not covered by plant or stockpiles may give rise to dust and will therefore be dampened periodically using a combination of the fixed sprinklers, vacuum sweeper and water bowsers to ensure that no significant dust emissions are observed.

4.11 Monitoring and recording

4.11.1 Visual assessment - the site supervisor will make a visual inspection of dust emissions at the site perimeter at least twice daily to ensure that no dust blows off the site. The results of monitoring exercises and any remedial action taken will be entered into the log book which is available for regulatory officers to inspect during operating hours. The name of the site supervisor will be stated in the log book for each day of operation.

4.11.2 Site staff will continuously monitor dust emissions whilst the plant is in operation and will control dust emissions using the procedures listed above, asking the site supervisor for advice as required.