Notice of variation and consolidation with introductory note

Environmental Permitting (England & Wales) Regulations 2010

Melton Ross Lime Works

Singleton Birch Limited
Melton Ross Quarries
Barnetby
North Lincolnshire
DN38 6AE

Variation notice number
EPR/BL8805IZ/V004

Permit number

EPR/BL8805IZ

Melton Ross Lime Works
Permit number EPR/BL8805IZ

Introductory note

This introductory note does not form a part of the permit

The following notice, which is issued pursuant to regulations 18 and 20 and Part 1 of Schedule 5 of the Environmental Permitting (England and Wales) Regulations 2010, S.I.2010 No. 675 (the Regulations), gives notice of the variation of an environmental permit to operate a regulated facility and the replacement of that permit with a consolidated environmental permit.

This variation has been issued to consolidate the original permit and subsequent variations and to update some of the conditions following a statutory review of permits in the Cement & Lime Sector. At the same time the permit has been converted into the current EPR Permit format.

All of the conditions of the permit have been varied other than those indicated in Schedule 1. Schedule 2 contains a copy of the varied and consolidated environmental permit, including any site plan.

Brief description of the installation regulated by this permit.

The main purpose of the activities at the installation is the manufacture of lime and lime products from locally produced chalk.

The installation includes:

- The quarry and associated activities except blasting. The extent of the quarry is as defined by the present planning consent.
- All raw material preparation, conveying and storage.
- Four parallel flow regenerative kilns for the manufacture of quicklime.
- The manufacture of slaked lime, microlime, graded lime and aqualime.
- Innovo Plant for production of special lime products with additives.
- Product storage and despatch.

Typical production rates are 300,000 tonnes of quicklime per annum.

Crushing, screening and material handling.
Chalk is extracted in the adjacent quarry workings. Before the chalk is blasted the overburden is removed and used to restore previously worked areas of the quarry, to agriculture. Following blasting, stone is passed through several crushing and screening processes in the quarry before being transferred to the lime works by conveyor belt. The chalk is conveyed to storage hoppers, which hold two to three days supply for the kilns. There is also an outside emergency 10,000 tonne stockpile of kiln stone. Operations for processing materials are carried out on a continuous twenty-four hour basis for seven days per week, whilst raw materials are quarried typically for up to twelve hours per day, seven days per week.

Lime Calcining.
The site has four natural gas fired lime kilns all of similar design, known as parallel flow regenerative kilns, and they are located together. Each kiln has a nominal thermal input of 15 MWth and has a product rating of 300 tonnes per day of burnt lime. These kilns can also calcine Dolomitic lime where the raw material is imported to the site from Dolomitic quarries.

The gases from each of the four kilns pass through individual multi cascade wet scrubber systems that direct the exhaust gas through several curtains of water where the water and particles mix. The scrubbers discharge to atmosphere 44m above ground level with a characteristic vapour plume which is a combination of moisture driven from the limestone feed to the process and evaporation from the wet scrubber itself. The scrubbers operate on a pumped, closed circuit with large settling tanks from which the settled solids are removed to landfill. The circulating flow is continuously monitored. Mains water is used to make up evaporative losses from the circuit.

There are no releases to controlled waters from this process.

There are normally no process wastes streams from the kilns. A small quantity of engineering waste and spoil is generated from their periodic re-bricking.

Microlime.
Microlime is manufactured by milling quicklime to a fine powder in two pendulum-roller mills.

The two Microlime mill systems are fitted with cyclones to remove product from the air steam, which carries the powered lime around the milling process. A bag filter unit is incorporated before the air is vented to atmosphere. The abatement plant differential pressure is continuously monitored to give warning of filter problems. The bag filters discharge to atmosphere 26m above ground level. Dolomet (magnesium oxide) is also milled in the Microlime plant.

There are no releases to controlled waters from the Microlime process.

Graded Lime.
Granular and fine grades of quicklime are produced in the Graded Lime plant. This process has a hammer mill and a roller crusher, which combined with two large multi-deck screens can be used to make various grades and quantities of lime. These graded products can also be blended with additives such as fly ash, dolomet and fluorspar in this process plant.

Hydrated Lime.
Quicklime is also converted to hydrated lime. Annual production is in the order of 60,000 tonnes per annum. There are two hydrators at Melton Ross site, No.2 Hydrator and No.3 Hydrator.

Both hydrators are fitted with Pulse Jet Fabric Filters to control emissions of particulate matter.

Aqualime.
Aqualime products are suspensions of hydrated lime in water. These are produced by mixing hydrated lime and water in a vessel to produce liquid limes of various concentrations.

Hydrate Bagging Plant.
There is a hydrate bagging operation where hydrated lime is packaged into valve sacks. This product is then shrink wrapped onto pallets.

Burnt Lime Bagging.
Various grades of burnt lime are bagged into big bags and paper sacks.

The status log of a permit sets out the permitting history, including any changes to the permit reference number.

Status Log of the permit		
Detail	**Date**	**Response Date**
Application BL8805	Duly made 31/08/2001	
Permit determined BL8805	22/08/2002	
Variation application BV0015	22/05/2003	
Variation determined BV0015	05/08/2003	
Variation application EPR/BL8805IZ/V003	17/12/2009	
Variation determined EPR/BL8805IZ/V003	21/01/2010	
Cement and Lime Sector Review Variation determined EPR/BL8805IZ/V004	18/8/2010	

End of Introductory note

Notice of variation and consolidation

Environmental Permitting
(England and Wales) Regulations 2010

Permit number
EPR/BL8805IZ

Variation notice number
EPR/BL8805IZ/V004

Operator
Singleton Birch Limited

whose registered office is

Melton Ross Quarries

Barnetby

North Lincolnshire

DN38 6AE

Company registration number

009433

Regulated facility
Melton Ross Lime Works

Barnetby

North Lincolnshire

DN38 6AE

The Environment Agency in exercise of its powers under Regulations 18 and 20 and Part 1 of Schedule 5 of the Environmental Permitting (England and Wales) Regulations 2010 (SI 2010 No 675) varies the environmental permit as set out below and replaces it with a consolidated environmental permit, and all the conditions of that permit other than those indicated in Schedule 1 are varied and the permit is replaced with a consolidated permit in the form set out in Schedule 2.

The notice shall take effect from 18/8/10.

Name	Date
A. J. Nixon	18 August 2010

Authorised on behalf of the Environment Agency

Schedule 1

All conditions were replaced with new template conditions.

Schedule 2 – varied and consolidated permit

Please see attached.

1 Management

1.1 General management

1.1.1 The operator shall manage and operate the activities:

(a) in accordance with a written management system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances , closure and those drawn to the attention of the operator as a result of complaints; and

(b) using sufficient competent persons and resources.

1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.

1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.

1.2 Energy efficiency

1.2.1 The operator shall:

(a) take appropriate measures to ensure that energy is used efficiently in the activities;

(b) review and record at least every four years whether there are suitable opportunities to improve the energy efficiency of the activities; and

(c) take any further appropriate measures identified by a review.

1.3 Efficient use of raw materials

1.3.1 The operator shall:

(a) take appropriate measures to ensure that raw materials and water are used efficiently in the activities;

(b) maintain records of raw materials and water used in the activities;

(c) review and record at least every four years whether there are suitable alternative materials that could reduce environmental impact or opportunities to improve the efficiency of raw material and water use; and

(d) take any further appropriate measures identified by a review.

1.4 Avoidance, recovery and disposal of wastes produced by the activities

1.4.1 The operator shall:

(a) take appropriate measures to ensure that waste produced by the activities is avoided or reduced, or where waste is produced it is recovered wherever practicable or otherwise disposed of in a manner which minimises its impact on the environment;

(b) review and record at least every four years whether changes to those measures should be made; and

(c) take any further appropriate measures identified by a review.

2 Operations

2.1 Permitted activities

2.1.1 The operator is only authorised to carry out the activities specified in schedule 1 table S1.1 (the “activities”).

2.2 The site

2.2.1 The activities shall not extend beyond the site, being the land shown edged in green on the site plan at schedule 7 to this permit.

2.3 Operating techniques

2.3.1 (a) The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2, unless otherwise agreed in writing by the Environment Agency.

(b) If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency for approval within the period specified, a revision of any plan specified in schedule 1, table S1.2 or otherwise required under this permit, and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by the Environment Agency.

2.3.2 Any raw materials or fuels listed in schedule 2 table S2.1 shall conform to the specifications set out in that table.

2.3.3 The operator shall ensure that where waste produced by the activities is sent to a relevant waste operation, that operation is provided with the following information, prior to the receipt of the waste:

(a) the nature of the process producing the waste;

(b) the composition of the waste;

(c) the handling requirements of the waste;

(d) the hazard classification associated with the waste; and

(e) the waste code of the waste.

2.3.4 The operator shall ensure that where waste produced by the activities is sent to a landfill site, it meets the waste acceptance criteria for that landfill.

2.4 Improvement programme

2.4.1 The operator shall complete the improvements specified in schedule 1 table S1.3 by the date specified in that table unless otherwise agreed in writing by the Environment Agency.

2.4.2 Except in the case of an improvement which consists only of a submission to the Environment Agency, the operator shall notify the Environment Agency within 14 days of completion of each improvement.

3 Emissions and monitoring

3.1 Emissions to water, air or land

3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 3 tables S3.1, S3.2 and S3.3.

3.1.2 The limits given in schedule 3 shall not be exceeded.

3.2 Emissions of substances not controlled by emission limits

3.2.1 Emissions of substances not controlled by emission limits (excluding odour) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved emissions management plan, have been taken to prevent or where that is not practicable, to minimise, those emissions.

3.2.2 The operator shall:

(a) if notified by the Environment Agency that the activities are giving rise to pollution, submit to the Environment Agency for approval within the period specified, an emissions management plan;

(b) implement the approved emissions management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.2.3 All liquids in containers, whose emission to water or land could cause pollution, shall be provided with secondary containment, unless the operator has used other appropriate measures to prevent or where that is not practicable, to minimise, leakage and spillage from the primary container.

3.3 Odour

3.3.1 Emissions from the activities shall be free from odour at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved odour management plan, to prevent or where that is not practicable to minimise the odour.

3.3.2 The operator shall:

(a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to odour, submit to the Environment Agency for approval within the period specified, an odour management plan;

(b) implement the approved odour management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.4 Noise and vibration

3.4.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved noise and vibration management plan to prevent or where that is not practicable to minimise the noise and vibration.

3.4.2 The operator shall:

(a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to noise and vibration, submit to the Environment Agency for approval within the period specified, a noise and vibration management plan;

(b) implement the approved noise and vibration management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.5 Monitoring

3.5.1 The operator shall, unless otherwise agreed in writing by the Environment Agency, undertake the monitoring specified in the following tables in schedule 3 to this permit:

(a) point source emissions specified in tables S3.1 and S3.2.

3.5.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.

3.5.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.5.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by the Environment Agency.

3.5.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 3 tables S3.1 and S3.2. unless otherwise agreed in writing by the Environment Agency.

4 Information

4.1 Records

4.1.1 All records required to be made by this permit shall:

(a) be legible;

(b) be made as soon as reasonably practicable;

(c) if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and

(d) be retained, unless otherwise agreed in writing by the Environment Agency, for at least 6 years from the date when the records were made, or in the case of the following records until permit surrender:

(i) off-site environmental effects; and

(ii) matters which affect the condition of the land and groundwater.

4.1.2 The operator shall keep on site all records, plans and the management system required to be maintained by this permit, unless otherwise agreed in writing by the Environment Agency.

4.2 Reporting

4.2.1 The operator shall send all reports and notifications required by the permit to the Environment Agency using the contact details supplied in writing by the Environment Agency.

4.2.2 For the following activities referenced in schedule 1, table S1.1 A report or reports on the performance of the activities over the previous year shall be submitted to the Environment Agency by 31 January (or other date agreed in writing by the Environment Agency) each year. The report(s) shall include as a minimum:

(a) a review of the results of the monitoring and assessment carried out in accordance with the permit including an interpretive review of that data;

4.2.3 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by the Environment Agency, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:

(a) in respect of the parameters and emission points specified in schedule 4 table S4.1;

(b) for the reporting periods specified in schedule 4 table S4.1 and using the forms specified in schedule 4 table S4.2 ; and

(c) giving the information from such results and assessments as may be required by the forms specified in those tables.

4.2.4 The operator shall, unless notice under this condition has been served within the preceding four years, submit to the Environment Agency, within six months of receipt of a written notice, a report assessing whether there are other appropriate measures that could be taken to prevent, or where that is not practicable, to minimise pollution.

4.3 Notifications

4.3.1 The Environment Agency shall be notified without delay following the detection of:

(a) any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution;

(b) the breach of a limit specified in the permit; or

(c) any significant adverse environmental effects.

4.3.2 Any information provided under condition 4.3.1 shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.

4.3.3 Where the Environment Agency has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform the Environment Agency when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to the Environment Agency at least 14 days before the date the monitoring is to be undertaken.

4.3.4 The Environment Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:

Where the operator is a registered company:

(a) any change in the operator's trading name, registered name or registered office address; and

(b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.

Where the operator is a corporate body other than a registered company:

(a) any change in the operator's name or address; and

(b) any steps taken with a view to the dissolution of the operator.

4.3.5 Where the operator proposes to make a change in the nature or functioning, or an extension of the activities, which may have consequences for the environment and the change is not otherwise the subject of an application for approval under the Regulations or this permit:

(a) the Environment Agency shall be notified at least 14 days before making the change; and

(b) the notification shall contain a description of the proposed change in operation.

4.3.6 The Environment Agency shall be given at least 14 days notice before implementation of any part of the site closure plan.

4.3.7 Where the operator has entered into a climate change agreement with the Government, the Environment Agency shall be notified within one month of:

(a) a decision by the Secretary of State not to re-certify the agreement;

(b) a decision by either the operator or the Secretary of State to terminate the agreement; and

(c) any subsequent decision by the Secretary of State to re-certify such an agreement.

4.4 Interpretation

4.4.1 In this permit the expressions listed in schedule 6 shall have the meaning given in that schedule.

4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made “without delay”, in which case it may be provided by telephone.

Schedule 1 - Operations

Table S1.1 activities			
Activity reference	**Activity listed in Schedule 1 of the EP Regulations**	**Description of specified activity**	**Limits of specified activity**
A1	S3.1 A1 (b) (i)	The operation of four parallel flow regenerative lime kilns with a production capacity of more than 50 tonnes per day.	The receipt of raw materials at the kilns to the transfer of lime to the crushing plant.
	Directly Associated Activity		
A2	Raw materials preparation conveying and storage	Crushing and screening of chalk and its storage in hoppers and in emergency stockpile.	Crushing and screening of chalk and its storage in hoppers and in emergency stockpile.
A3	Production of slaked lime	The hydration of lime	The hydration of lime in two hydrators
A4	Production of microlime	The milling of lime and dolomet	The operation of two roller pendulum milling systems
A5	Production of graded lime	The milling, screening and blending of lime	The operation of a hammer mill, rolls crusher and multi-deck screens
A6	Production of aqualime	Mixing of hydrated lime with water. Mixing of hydrated lime with landfill leachate	Mixing of hydrated lime with water. Mixing of hydrated lime with landfill leachate
A7	Product handling	Hydrate bagging and burnt lime bagging	Hydrate bagging and burnt lime bagging
A8	Product storage and despatch	Storage of product in silos and subsequent loading into mobile tankers	Storage of product in silos and subsequent loading into mobile tankers

Table S1.2 Operating techniques		
Description	**Parts**	**Date Received**
Application	The response to questions B2.3 given in section B2.3 of the application document	31/08/2001
Letter dated 22/08/2002	The addition of milling dolomet (magnesium oxide) in the Microlime plant	22/08/2002
Application for a Standard variation	Document Reference Number LFP 1 of the Application.	22/05/2003
Application for Variation EPR/BL8805IZ/V003	All sections relating to operating techniques for the calcination of dolomitic limestone	17/12/09

Table S1.3 Improvement programme requirements		
Reference	**Requirement**	**Date**
IC1	The operator shall produce and submit a project plan setting out how releases of particulates in the exhaust gases from all 4 kilns will be minimised and at least reduced to <10 mg/m^3 as daily averages for bag filters or <20 mg/m3 as daily averages when using wet scrubbers, by the target date of 30th June 2014.. The project plan will be based on consideration of costs and benefits of all relevant options and using options appraisal methodology H1 or equivalent.	30/07/2011
IC2	The operator shall produce and submit a project plan setting out how releases of particulates from all significant non-kiln sources will be minimised and at least reduced to <10 mg/m3 as daily averages for bag filters, by the target date of 30th June 2014. The plan will have a prioritised approach for reducing particulate releases from these sources. The project plan will be based on consideration of costs and benefits of all relevant options and using options appraisal methodology H1 or equivalent	30/07/2011
IC3	The operator shall carry out an exercise, agreed in writing with the Environment Agency, to characterise the releases of NOx, CO, particulates and SO_2 in the exhaust gases from the 4 kilns, and submit a risk based plan describing any changes to monitoring arrangements that will be taken including consideration of installing continuous monitors, or more frequent periodic monitoring as described in the Sector Guidance Note for the Lime Sector (EPR3.01b).	30/07/2011
IC4	The operator shall carry out a sampling exercise to monitor dioxins and furans from one representative lime kiln on site, and send the results of the monitoring to the Environment Agency. The results of monitoring for dioxin and furans on the kiln obtained in the previous 12 months prior to this variation may be submitted instead of carrying out this sampling exercise. The results will be used to decide whether any future monitoring is required.	30/07/2011

Schedule 2 - Waste types, raw materials and fuels

Table S2.1 Raw materials and fuels		
Raw materials and fuel description	**Specification**	
Natural Gas	-	-
Fly Ash	-	-
Dolomitic Limestone	-	-

Schedule 3 – Emissions and monitoring

Table S3.1 Kiln Exhaust emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	**Parameter**	**Source**	**Limit (including unit)**	**Reference period**	**Monitoring frequency**	**Monitoring standard or method**
A1 Kiln 1 A2 Kiln 2 A3 Kiln 3 on site plan in Schedule 7]	Particulate matter	Kiln Stack	100 mg/m^3	Averaged over the sampling period of at least half an hour.	6 monthly	BS EN 13284-1
A4 Kiln 4 on site plan in Schedule 7]	Particulate matter	Kiln Stack	50 mg/m^3	Averaged over the sampling period of at least half an hour.	6 monthly	BS EN 13284-1
A1, A2, A3 and A4	Sulphur dioxide	Kiln Stack	50 mg/m^3	Averaged over the sampling period of at least half an hour.	6 monthly	BS EN 15267-3
A1, A2, A3 and A4	Carbon monoxide	Kiln Stack	50 mg/m^3	Averaged over the sampling period of at least half an hour.	6 monthly	BS EN 15267-3
A1, A2, A3 and A4	Oxides of Nitrogen (NO and NO_2 expressed as NO_2)	Kiln Stack	200 mg/m^3	Averaged over the sampling period of at least half an hour.	6 monthly	BS EN 14792

Table S3.2 Non-kiln point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	**Parameter**	**Source**	**Limit (incl. unit)**	**Reference Period**	**Monitoring frequency**	**Monitoring standard or method**
A5 Hydrator 2, Hydrated lime plant on site plan in schedule 7	Particulate matter	Hydrated lime plant	30mg/m^3	Averaged over the sampling period of at least half an hour.	6 monthly	BS EN 13284-1
A6 Hydrator 3, Hydrated lime plant on site plan in schedule 7	Particulate matter	Hydrated lime plant	30 mg/m^3	Averaged over the sampling period of at least half an hour.	6 monthly	BS EN 13284-1
A7 & A8 Microlime Plant on site plan in schedule 7	Particulate matter	Microlime plant	50 mg/m^3	Averaged over the sampling period of at least half an hour.	6 monthly	BS EN 13284-1

Table S3.3 Point source emissions to water (other than sewer) and land – emission limits and monitoring requirements						
Emission point ref. & location	**Parameter**	**Source**	**Limit (incl. Unit)**	**Reference period**	**Monitoring frequency**	**Monitoring standard or method**
Surface water drainage	N/A	Storm water and roof drainage	None	-	-	-

Schedule 4 - Reporting

Parameters, for which reports shall be made, in accordance with conditions of this permit, are listed below.

Table S4.1 Reporting of monitoring data			
Parameter	**Emission or monitoring point/reference**	**Reporting period**	**Period begins**
Emissions to air Parameters as required by condition 3.5.1.	A1, A2, A3, A4, A5, A6, A7 and A8	Every 6 months	1 January 1 July

Table S4.2 Reporting forms		
Media/parameter	**Reporting format**	**Date of form**
Air	Form Air 1 or other form as agreed in writing by the Environment Agency	-

Schedule 5 - Notification

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the EP Regulations.

Part A

Permit Number	**EPR/BL8805IZ**
Name of operator	**Singleton Birch Limited**
Location of Facility	**Melton Ross Lime Works**
Time and date of the detection	

(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution	
To be notified within 24 hours of detection	
Date and time of the event	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substances(s) potentially released	
Best estimate of the quantity or rate of release of substances	
Measures taken, or intended to be taken, to stop any emission	
Description of the failure or accident.	

(b) Notification requirements for the breach of a limit	
To be notified within 24 hours of detection unless otherwise specified below	
Emission point reference/ source	
Parameter(s)	
Limit	
Measured value and uncertainty	
Date and time of monitoring	
Measures taken, or intended to be taken, to stop the emission	

Time periods for notification following detection of a breach of a limit	
Parameter	**Notification period**

(c) Notification requirements for the detection of any significant adverse environmental effect	
To be notified within 24 hours of detection	
Description of where the effect on the environment was detected	
Substances(s) detected	
Concentrations of substances detected	
Date of monitoring/sampling	

Part B - to be submitted as soon as practicable

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident	
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	
The dates of any unauthorised emissions from the facility in the preceding 24 months.	

Name*	
Post	
Signature	
Date	

* authorised to sign on behalf of Singleton Birch Limited.

Schedule 6 - Interpretation

"accident" means an accident that may result in pollution.

"annually" means once every year.

"application" means the application for this permit, together with any additional information supplied by the operator as part of the application and any response to a notice served under Schedule 5 to the EP Regulations.

"authorised officer" means any person authorised by the Environment Agency under section 108(1) of The Environment Act 1995 to exercise, in accordance with the terms of any such authorisation, any power specified in section 108(4) of that Act.

"emissions to land" includes emissions to groundwater.

"EP Regulations" means The Environmental Permitting (England and Wales) Regulations SI 2010 No.675 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

"emissions of substances not controlled by emission limits" means emissions of substances to air, water or land from the activities, either from the emission points specified in schedule 3 or from other localised or diffuse sources, which are not controlled by an emission limit**.**.

"groundwater" means all water, which is below the surface of the ground in the saturation zone and in direct contact with the ground or subsoil.

"MCERTS" means the Environment Agency's Monitoring Certification Scheme.

"quarter" means a calendar year quarter commencing on 1 January, 1 April, 1 July or 1 October.

"year" means calendar year ending 31 December.

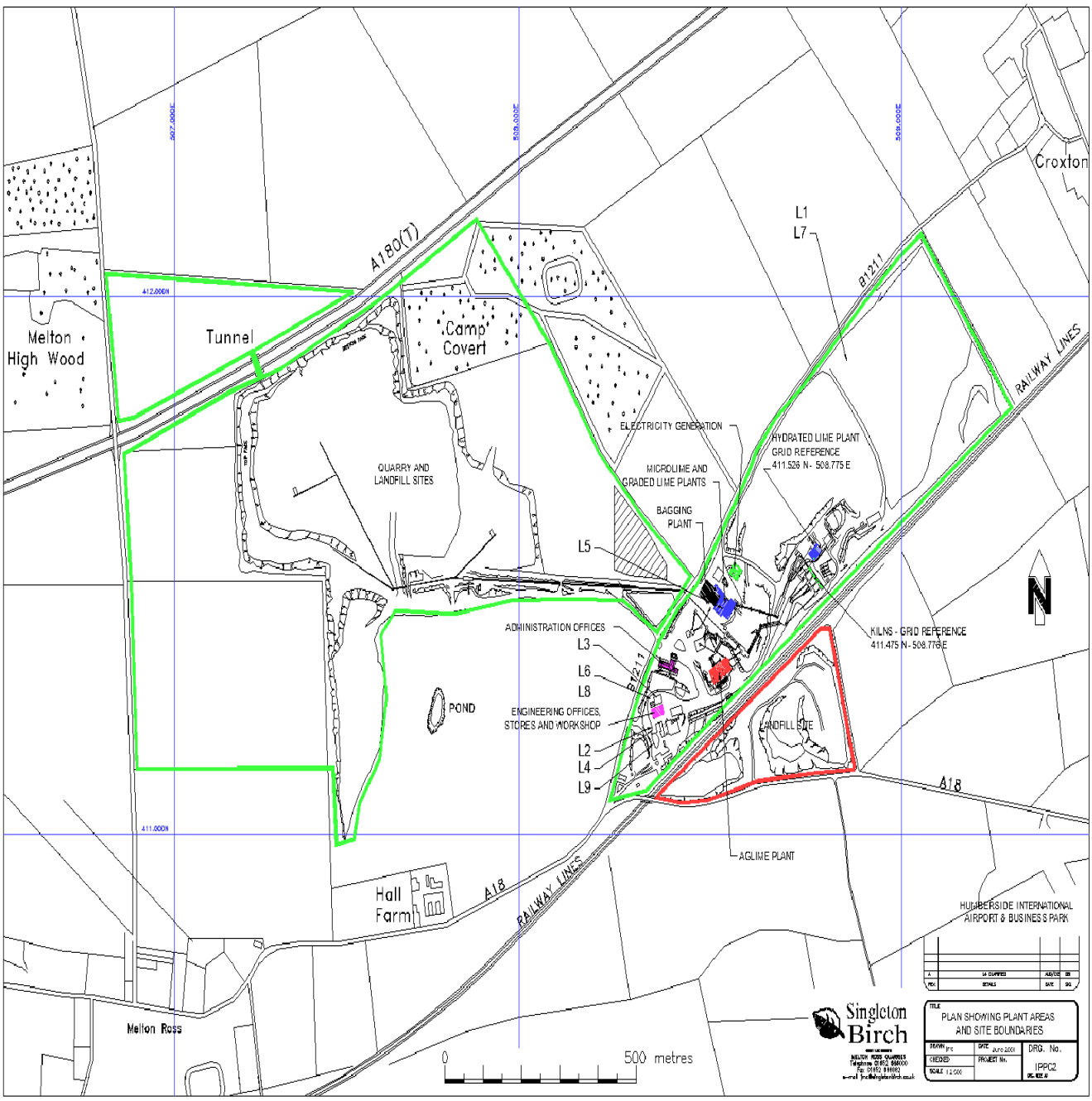
Where a minimum limit is set for any emission parameter, for example pH, reference to exceeding the limit shall mean that the parameter shall not be less than that limit.

Unless otherwise stated, any references in this permit to concentrations of substances in emissions into air means:

(a) in relation to emissions from lime kilns, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 11% dry for all fuels

(b) in relation to emissions from non-combustion sources, no correction is required for temperature, pressure, oxygen or water vapour content.

Schedule 7 - Site plan



END OF PERMIT