Notice of variation with introductory note

Environmental Permitting (England & Wales) Regulations 2010

Singleton Birch Limited

Melton Ross Lime Works
Melton Ross Quarries
Barnetby
North Lincolnshire
DN38 6AE

Variation application number

EPR/BL8805IZ/V005

Permit number

EPR/BL8805IZ

Melton Ross Lime Works
Permit number EPR/BL8805IZ

Introductory note

This introductory note does not form a part of the notice

The following notice gives notice of the variation of an environmental permit.

This variation is for the following changes:

- The installation boundary is increased to include a new area for quarrying;
- Paper sludge ash (PSA) will be used as a raw material to make a new product. The PSA will meet the requirements of the PSA quality protocol;
- A mining waste operation is added to the permit. Extractive wastes are stored and then used to backfill the excavation void.

The schedules specify the changes made to the original permit.

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

Status log of the permit		
Description	**Date**	**Comments**
Application BL8805 (EPR/BL8805IZ/A001)	Duly made 31/08/2001	
Permit determined BL8805 (EPR/BL8805IZ)	22/08/2002	
Variation application BV0015 (EPR/BL8805IZ/V002)	22/05/2003	
Variation determined BV0015 (EPR/BL8805IZ/V002)	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	
Variation application EPR/BL8805IZ/V005	Duly made 04/10/2011	
Variation issued EPR/BL8805IZ/V005	31/10/2011	

End of introductory note

Notice of variation

Environmental Permitting (England and Wales) Regulations 2010

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2010 varies

Permit number
EPR/BL8805IZ

issued to:

Singleton Birch Limited ("the operator")

whose registered office is
Melton Ross Quarries
Barnetby
North Lincolnshire
DN38 6AE

company registration number **009433**

to operate a regulated facility at
Melton Ross Lime Works
Melton Ross Quarries
Barnetby
North Lincolnshire
DN38 6AE

to the extent set out in the schedules.

The notice shall take effect from 31/10/2011

Name	Date
	31st October 2011

Authorised on behalf of the Environment Agency

Schedule 1 – conditions to be deleted

None

Schedule 2 – conditions to be amended

The following conditions are amended as a result of the application made by the operator.

- The following conditions are amended to clarify which activities they apply to. The amended conditions are as follows:

1.2.1 For the following activities referenced in schedule 1, table S1.1 (A1 to A8), 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.

1.3.1 For the following activities referenced in schedule 1, table S1.1 (A1 to A8), 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.

4.2.2 For the following activities referenced in schedule 1, table S1.1 (A1 to A8), 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;

- Table S1.1 is amended to include the mining waste activity and the use of PSA in the lime grading plant. The amended table is as follows:

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 (including blending with paper sludge ash)	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
	Description of activities for waste operations	***Limits of activities***	
A9	A mining waste operation for non-hazardous non-inert wastes	Permitted waste types shall conform to the description in the approved waste management plan.	

- Table S1.2 is amended to include new operating techniques. The amended table reads as follows:

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
Application for Variation EPR/BL8805IZ/V005	The response to question 3a of application form C3; Non technical summary; Document detailing the process using paper sludge ash; Waste Management Plan; Response to questions 4c and 4d of application form part C5.	04/10/2011

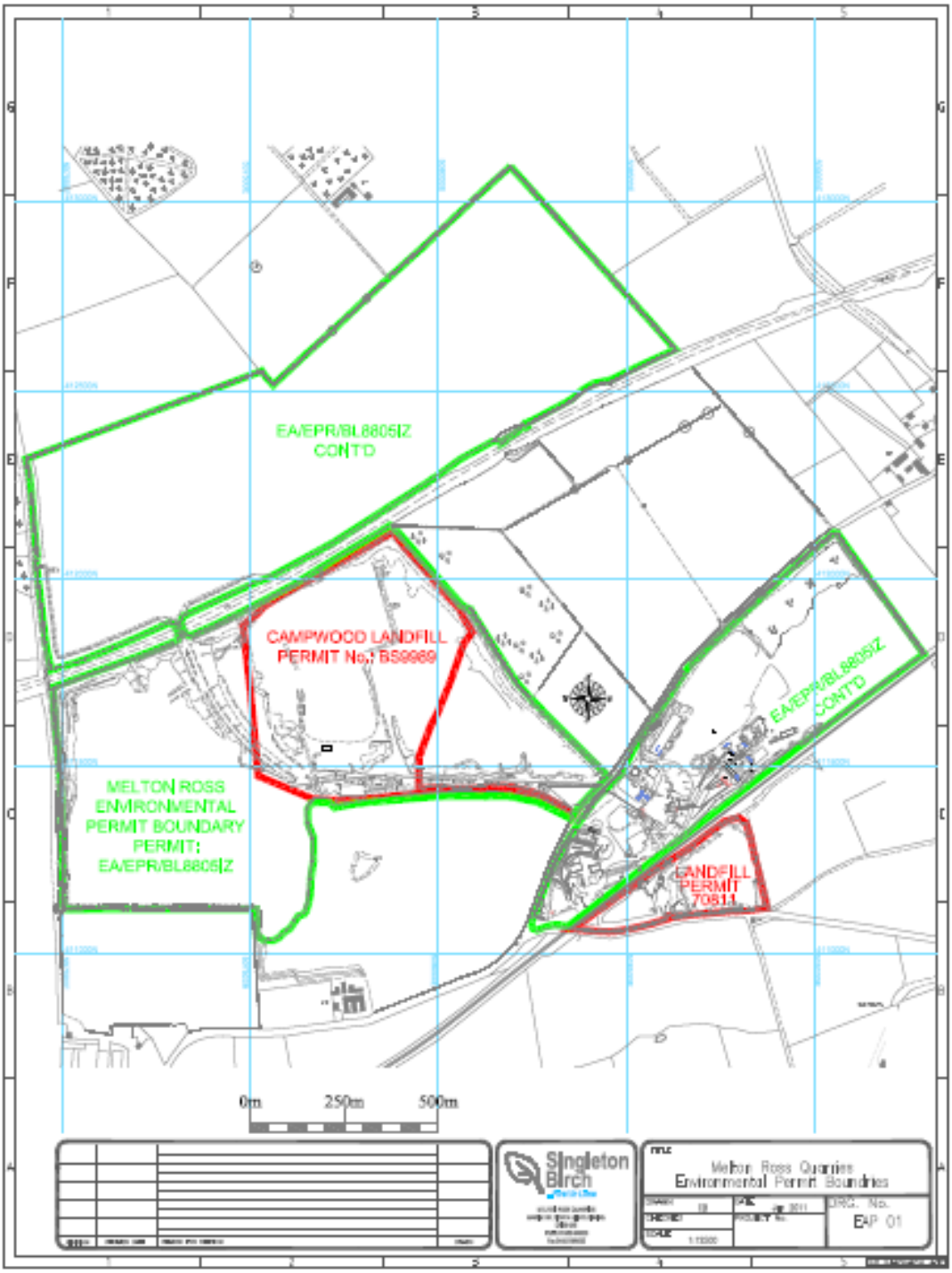
- Table S2.1 is amended to include Paper Sludge Ash. The amended table is as follows:

Table S2.1 Raw materials and fuels	
Raw materials and fuel description	**Specification**
Natural Gas	-
Fly Ash	-
Dolomitic Limestone	-
Paper Sludge Ash	Meets the requirements of the Paper Sludge Ash Quality Protocol

Schedule 3 – conditions to be added

The following condition, for the mining waste activity, is added as result of the application made by the operator.

2.3.5 The operator shall review the waste management plan every five years from the date of initial approval.

Schedule 4 – amended plan

The site plan in schedule 7 of the permit is amended to extend the boundary. The amended plan is as follows: