

**From:** PSC Land  
**Sent:** 21 December 2018 13:07  
**To:**  
**Subject:** We need more information about your application - EPR-BP3731VJ-V006

**Your ref: EPR-BP3731VJ-V006**

**Date: 21<sup>st</sup> December 2018**

Dear

**We need more information about your application**

**Application reference: EPR-BP3731VJ-V006**  
**Operator: Hope Cement Limited**  
**Facility: Hope Cement Works, Hope, Hope Valley, Derbyshire, S33 6RP.**

Thank you for your application received on 16 November 2018.

I need to ask you for some missing information before I can do any more work on your application. Please provide us with more information to the following questions.

**1. Air Quality impacts for the proposal.**

Document BCSVR18/19 details the request for a variation from the Emission Limit Value (ELV) of <400 mg/Nm<sup>3</sup> to be imposed on 01/04/2019. The application proposes an SO<sub>2</sub> Daily Average ELV of 695 mg/Nm<sup>3</sup> (until the end of March 2022).

- 1.1 Please confirm at what concentration level SO<sub>2</sub> has been assessed at within the Air Quality Dispersion Modelling Report (September 2017).

The Air Quality Dispersion Modelling Report provides the following model input parameters:-

**Table 2.1 – Model Input Parameters**

| Parameter                            | Cement Kilns   |         |
|--------------------------------------|----------------|---------|
| Stack Location (XY) <sup>a</sup>     | 416490, 382450 |         |
| Stack Height (m) <sup>a</sup>        | 132.588        |         |
| Stack Diameter (m) <sup>a</sup>      | 4.394          |         |
| Efflux Velocity (m/s) <sup>b</sup>   | 19             |         |
| Efflux Temperature (°C) <sup>c</sup> | 192            |         |
| Emission Rates (g/s unless stated)   | Daily Maximum  | Average |
| NO <sub>x</sub> <sup>d</sup>         | 170.8          | 90.0    |
| PM <sup>d</sup>                      | 3.5            | 0.2     |
| HCl <sup>d</sup>                     | 4.4            | 1.6     |
| SO <sub>2</sub> <sup>d</sup>         | 304.4          | 95.2    |

- 1.2 Please confirm that the model input parameters stated within the Air Quality Dispersion Modelling Report (September 2017) reflect that maximum permitted flow rates (according to max permitted production) in order to demonstrate that worst case impacts have been assessed within this report.
- 1.3 Please supply a copy of the model input files used for this Air Quality Dispersion Modelling Report so that this can be audited by our Air Quality Modelling and Assessment Unit.

## 2. Ecological Appraisal

This report identifies the following 4 SSSI's:-

| Site Name                        | Designation | Distance from site |
|----------------------------------|-------------|--------------------|
| Dirtlow Rake and Pindale         | SSSI        | 160 m west         |
| South Lee Meadows                | SSSI        | 440 m south east   |
| Bradwell Dale and Bagshaw Cavern | SSSI        | 1.5 km south       |
| Bradwell Meadows                 | SSSI        | 1.9 km south       |

The following SSSI has been missed from this assessment, and falls within the screening distance from your site:-

- **Castleton SSSI**

- 2.1 Please amend the ecological appraisal to include this site.  
*Note, Castleton SSSI has been identified and assessed as a relevant receptor within the Air Quality Dispersion Modelling Report and therefore relevant receptors should correspond between application documents.*
- 2.2 Please provide a justification for why relevant SAC and SPA sites have not been assessed / included within the ecological appraisal, or amend this appraisal to include these sites. *These sites fall within the screening distance and have been included within the Air Quality Dispersion Modelling Report.*

Please send the information, quoting the above application reference, to:

Email address: [psc@environment-agency.gov.uk](mailto:psc@environment-agency.gov.uk).

Postal address:

Permitting and Support Centre

Quadrant 2

99 Parkway Avenue  
Parkway Business Park  
Sheffield  
S9 4WF

Please send the information within 10 working days of this letter. If we don't hear from you, we must return your application.

When we receive the requested information, we'll continue to check your application. We'll check to see if there's enough information for the application to be 'duly made'. Duly made means that we have all the information we need to begin determination. Determination is where we assess your application and decide if we can allow what you've asked for.

We'll let you know by letter whether your application can be duly made. If it can't be duly made, we'll return your application to you.

If we do have to return your application we'll send you a partial refund of your application payment. We'll retain 20% of the application charge to cover our costs in reviewing your application and requesting information. This maximum amount we'll retain is capped at £1,500. Further information on charging can be found at: <https://www.gov.uk/government/publications/environmental-permitting-ep-charges-scheme>

We'll assess your claim for confidentiality once your application is duly made.

If you have any questions please email

Yours sincerely