

Notice of request for more information

The Environmental Permitting (England & Wales) Regulations 2016

The Company Secretary
Red Industries Limited
Borough House
Berkeley Court
Borough Road
Newcastle Under Lyme
ST5 1TT

Application number: EA/EPR/DP3734DC/V002 (Walleys Quarry Landfill)

The Environment Agency, in exercise of its powers under paragraph 4 of Part 1 of Schedule 5 of the above Regulations, requires you to provide the information detailed in the attached schedule. The information is required in order to determine your application for a permit duly made on 25/03/2019.

Send the information to either the email or postal address below by 05/07/2019. If we do not receive this information by the date specified then we may treat your application as having been withdrawn or it may be refused. If this happens you may lose your application fee.

Email address: psc@environment-agency.gov.uk.

Postal address:
Permitting and Support Centre
Quadrant 2
99 Parkway Avenue
Parkway Business Park
Sheffield
S9 4WF

Name	Date
Miranda Wycherley	05/06/2019

Authorised on behalf of the Environment Agency

Notes

These Notes do not form part of this notice.

Please note that we charge £1,200 where we have to send a third or subsequent information notice in relation to the same issue. We consider this to be the first notice on the issues covered in this notice.

The notes in italics that appear after each question in this Notice do not form part of the Notice. The notes are intended to assist you in providing a full response.

Schedule

- 1) Update the following documents to assess the impact of increasing the annual tonnage from 250,000 to 400,000 tonnes per annum.
 - a) Noise Assessment Report reference R18.10249/1/AP dated 04/12/2018.
 - b) Noise Management Plan reference R18.10249/1/AP Appendix A 04/12/2018.
 - c) Dust Management Plan reference 5569 dated August 2018.

Reason: These reports have all been assessed on an annual increase from the current permitted tonnage of 250,000 tonnes per annum to 300,000 tonnes per annum. The application has subsequently been amended to 400,000 tonnes per annum. (Reference email dated 13/05/2019 from Egniol Environmental Limited). The additional impact of the increase in tonnage on noise and dust from the site has therefore not been assessed.

- 2) Update the Odour Management Plan reference 5883/WAL/LMP/2.5 dated October 2017 to assess the impact of increasing the annual tonnage from 250,000 to 400,000 tonnes per annum. In addition;
 - a) Consideration of a sacrificial gas extraction system has not been discussed.
 - b) The procedure for the deployment of the odour management suppression system has not been provided.
 - c) The odour management plan section 3.1 indicates intermediate cover will be applied to areas where landfilling activities are suspended for 'a period of three months or more'. Consideration should be given to reducing this to time to less than 3 months.
 - d) How adequate supplies of daily and intermediate cover material will be made available at the installation.
 - e) The site should be surveyed on a regular basis for fugitive gas emissions that may contribute to odour from the site. What surface gas monitoring is undertaken on a regular basis (consider weekly) that includes the temporary capped areas and site perimeter?

Reason: This report has been assessed on an annual increase from the current permitted tonnage of 250,000 tonnes per annum to 300,000 tonnes per annum. The application has subsequently been amended to 400,000 tonnes per annum. The additional impact of the increase in tonnage on odour from the site has therefore not been assessed. We need to ensure the odour management plan adequately covers all potential odour sources including gas emissions from the cap and perimeter of the site. The issue of odour management and control is a vital part of the management techniques in order that the impact of the site on the surrounding area is minimised.

- 3) Update the Leachate Management Plan reference 5883/WAL/LMP/2.5 dated October 2017 to assess the impact of increasing the annual tonnage from 250,000 to 400,000 tonnes per annum on leachate volume, leachate head and leachate treatment capacity.

Reason: This report has been assessed on an annual increase from the current permitted tonnage of 250,000 tonnes per annum to 300,000 tonnes per annum. The application has subsequently been amended to 400,000 tonnes per annum, the effect of the additional increase in throughput on leachate production and management has not been assessed.

- 4) Update the following documents to assess the impact of increasing the annual tonnage from 250,000 to 400,000 tonnes per annum on gas production.

- a) Landfill Gas Risk Assessment reference 7268 dated March 2019.
- b) Landfill Gas management Plan Appendix 5 dated November 2012
- c) In addition you have not provided any detail on the zonal coverage of the gas wells across the landfill assuming a standard 20m radius zone of influence.

Reason: This report has been assessed on an annual increase from the current permitted tonnage of 250,000 tonnes per annum to 300,000 tonnes per annum. The application has subsequently been amended to 400,000 tonnes per annum. The increase in annual tonnages at a non-hazardous site would have the effect of increasing the peak gas production rate. An increased peak gas flow would need to be reconsidered in the gas management plan as it could require an increase in engine/flare capacity in the short term as such this would also trigger a review of the air dispersion model. In addition zonal gas well coverage to ensure there are no gaps in the gas extraction system need to be addressed.