

Environment Agency  
Permitting and Support Centre  
Quadrant 2  
99 Parkway Avenue  
Parkway Business Park  
Sheffield  
S9 4WF

7268/Var01/DAW225-19

05 July 2019

For the attention of Miranda Wycherley

Dear Miranda,

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

On behalf of Red Industries Limited and in response to your Schedule 5 Notice relating to the above application, requesting more information.

We respond as follows;

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

Document a) has been updated. Document b) remains unchanged as an Appendix to the updated Document a). Document c) has been reviewed in consideration of the further increase from 300,000 to 400,000 tonnes per annum and it is not considered that it needs updating as waste types will generally remain the same and the dust management measures prescribed remain applicable.

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?

The Odour Management Plan has been updated and includes reference to a), b), c) & d). With reference to e) the surface gas monitoring will continue to be undertaken on an annual basis as required under the current Permit for the site.

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.

Document has been updated and is submitted with this letter.

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.

Both a) & b) have been updated and c) addressed by the drawing that accompanies this letter.

All updated documents are submitted with this letter and we look forward to hearing from you in due course.

Yours sincerely,



**David Wolstencroft**  
Managing Director  
**Egniol Environmental Ltd.**