

**Notice of Public Consultation
Walleys Quarry Landfill Site, Silverdale,
Newcastle under Lyme
Environmental Permit Variation Application**

Dear Sir or Madam

We have received an environmental permit variation application for Walleys Quarry Landfill Site, Cemetery Road, Silverdale, Newcastle under Lyme ST56DH, on behalf of Red Industries. The variation is to an existing environmental permit, to increase the annual waste inputs from 250,000 tonnes to 400,000 tonnes.

As part of our decision making process we are consulting the public on the application. The consultation will open on **24 May 2019** until **24 June 2019**.

The application can be viewed online:

<https://consult.environment-agency.gov.uk/psc/st5-6dh-red-industries-limited/>

Or

The application can be viewed at the following location:

The Environment Agency, Sentinel House, 9 Wellington Crescent, Fradley Park, Lichfield, WS13 8RR

You can view the application between 9.30am to 4.30pm, Monday to Friday.

Please phone the Environment Agency's National Customer Contact Centre on 03708 506 506 to arrange an appointment.

You can submit your comments on the application as detailed below:

- **Online:** <https://consult.environment-agency.gov.uk/psc/st5-6dh-red-industries-limited/consultation/intro/>
- **Email:** pscpublicresponse@environment-agency.gov.uk
- **Post:** Permitting and Support Centre, Quadrant 2, 99 Parkway Avenue, Parkway Business Park, Sheffield. S9 4WF

Please quote the application number in any correspondence- EPR/DP3734DC/V002

Normally we must include any responses we receive on the public register. This includes your name and contact details. Please tell us if you do not want your response to be made public

It is important to us that our consultation is as representative as possible and that all voices are heard. Please feel free to pass details of the consultation onto anyone else who you feel would have an interest.

If you would like any further information please do not hesitate to contact [Enquiries \[WestMids@environment-agency.gov.uk\]\(mailto:Enquiries_WestMids@environment-agency.gov.uk\)](mailto:Enquiries_WestMids@environment-agency.gov.uk)

Yours faithfully



Adam Lines- Area Environment Manager | West Midlands

Public Information Pack

Environmental Permit Variation Application

May 2019

Site:

Walleys Quarry Landfill Site (Silverdale)

Operator:

Red Industries RM Limited

Site Address:

Walleys Quarry Landfill Site

Cemetery Road

Silverdale

Newcastle under Lyme

ST56DH

Permit variation application

Ref No: EPR/DP3734DC/V002



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customer service line
08708 506 506

incident hotline
0800 80 70 60

floodline
0845 988 1188

www.environment-agency.gov.uk

1. Environmental Permit

Current Environmental Permit:

On 9 June 2005 the Environment Agency issued an Environmental Permit for Walleys Quarry's Landfill site to Lafarge Aggregates Limited.

On 3 November 2016 the permit was transferred to Red Industries RM Limited.

The permit allows the operation of a Non Hazardous waste landfill with a separate cell for Stable Non-Reactive Hazardous Waste (SNRHW). The total quantity of waste currently allowed to be accepted at the facility is 250,000 tonnes per year.

The permit also allows the operation of:

- A leachate treatment plant for management of leachate arising from the landfill.
- A landfill gas engine & flare for treatment and utilisation of landfill gas from the landfill.

Monitoring is required for landfill gas, leachate, surface water and groundwater at a number of points at the facility at different frequencies (weekly, monthly, quarterly and annually).

Variation to the Environmental Permit:

In December 2018 we received an application to vary the conditions of the permit for Walleys Landfill site. Following the submission of additional information, the application was accepted ("duly made") on the 25 March 2019. An application is duly made when we have the information we need to start assessing it. The application seeks to increase the permitted quantity of waste annually (January to December) from 250,000 tonnes to 400,000 tonnes.

Full details of the permit application have been placed on:

<https://consult.environment-agency.gov.uk/psc/st5-6dh-red-industries-limited/>

As part of our decision making process we are consulting on the application. The consultation will open on **24 May 2019** and run until **24 June 2019**. During this time the public will have the opportunity to submit their comments on this application.

It is important to us that our consultation is as representative as possible and that all voices are heard. If you would like to comment on this application please see section 2 of this document '**2- Submitting Comments**' for further details.

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2. Submitting Comments

As part of our decision making process we are consulting the public on the environmental permit application and asking for comments. Any comments received are integral to our decision making process. The consultation will open on **24 May 2019** and run until **24 June 2019**.

You can submit your comments on the application as detailed below:

- **Online:** <https://consult.environment-agency.gov.uk/psc/st5-6dh-red-industries-limited/consultation/intro/>
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We have outlined below the comments we can and cannot consider in our determination of the environmental permit application.

Comments we *can* consider

Relevant environmental regulatory requirements and technical standards.
Information on local population and sensitive sites.
Comments on whether the right process is being used for the activity, for example whether the technology is the right one.
The shape and use of the land around the site in terms of its potential impact, whether that impact is acceptable and what pollution control or abatement may be required.
The impact of noise and odour from traffic on site.
Permit conditions by providing information that we have not been made aware of in the application, or by correcting incorrect information in the application (e.g. monitoring and techniques to control pollution).

Comments we *cannot* consider

Issues beyond those in the relevant environmental regulations.
.
The impact of noise and odour from traffic travelling to and from the site.
The legally defined process we follow to determine a permit.
The granting of a permit/variation if the operator is able to demonstrate that they can carry out the activity without significant risk to the environment or human health.

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3. Roles and responsibilities

Environment Agency

The Environment Agency regulates the environmental permit held by Red Industries RM Limited (the operator) for Walleys Quarry landfill. Within the permits there are conditions concerning the operations which the sites can carry out. This includes waste types and handling, emissions and monitoring. Our regulation includes site visits (both announced and unannounced).

Staffordshire County Council

Staffordshire County Council is responsible for determining planning applications for the sites. The Environment Agency is consulted by the Council on planning applications.

Traffic movements are considered by Staffordshire County Council as part of the planning permissions for the sites. They do not form part of the Environmental Permit.

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4. Non Hazardous Waste Landfill Site Information

How the landfill works.

Who controls what goes into the landfill?

The Environment Agency regulates the environmental permits at the facility. These permits detail the waste types and quantities that are allowed to be accepted at the site.

How is the site engineered?

The site is engineered to ensure that the waste deposited is contained in a low permeable clay liner. The engineered systems are in place to control/monitor leachate and landfill gas produced by the degradation of waste.

How is landfill gas managed at the site?

Gas is generated when plants, food and other living waste starts to decompose in the landfill. The composition and production of landfill gas varies according to the type/age of the waste. The principal components of the gas are carbon dioxide and methane. There are also other gases present at low concentrations such as hydrogen sulphide, which can be odorous.

The permit requires the operator to monitor the composition of landfill gas being produced and the boreholes around the perimeter of the landfill, to ensure gas is not escaping.

What is leachate and how is it managed?

As rain water percolates through the waste in the landfill, it dissolves a range of substances which then collect at the base of the landfill as a polluted liquid. This is known as leachate and it can contain high levels of contaminants, including ammonia. The operator has a leachate treatment plant at the facility. Following treatment, leachate is removed from site by tanker.

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