Hampshire County Council
The Castle
Winchester
Hampshire
SO23 8UE

Our ref: HA/2013/114926/01-L01
Your ref: P/13/0931/CC

Date: 06 November 2013

Dear Sir/Madam

USE OF PICKING STATION AND CONE CRUSHER FOR PRIMARY PROCESSING OF C&D WASTE TO FEED EXISTING ONSITE WASHING PLANT

RAYMOND BROWN MINERALS & RECYCLING LTD, BOTLEY ROAD, SWANWICK, SOUTHAMPTON SO31 1BW

Thank you for consulting the Environment Agency on the above planning application which we received on 24 October 2013.

Environment Agency Position
We can confirm that the Environment Agency has no objection in principle to the proposed development as submitted

Advice to Planning Authority:

This development will require an Environmental Permit under the Environmental Permitting (England and Wales) Regulations 2010 from the Environment Agency, unless a waste exemption applies. The applicant is advised to contact their site inspector to discuss the issues likely to be raised.

The proposed development falls within 250m of a landfill site that is potentially producing landfill gas.

Landfill gas consists of methane and carbon dioxide is produced as the waste in the landfill site degrades. Methane can present a risk of fire and explosion. Carbon dioxide can present a risk of asphyxiation or suffocation. The trace constituents of landfill gas can be toxic and can give rise to long and short term health risks as well as odour nuisance.

The risks associated with landfill gas will depend on the controls in place to prevent uncontrolled release of landfill gas from the landfill site. Older landfill sites may have poorer controls in place and the level of risk may be higher or uncertain due to a lack of historical records of waste inputs or control measures.

Under the conditions of the Environmental Permit for the landfill, the operator is required to monitor for sub-surface migration of landfill gas from the site. An examination of our records of this monitoring show that there is no previous evidence of landfill gas

migration from the site that could affect the proposed development. This environmental monitoring data from the site is available on our public register.

You should be aware of the potential risk to the development from landfill gas and may wish to carry out a risk assessment to ensure that the potential risk is adequately addressed. The local authority's Environmental Health and Building Control departments would wish to ensure that any threats from landfill gas have been adequately addressed in the proposed development. This may include building construction techniques that minimise the possibility of landfill gas entering any enclosed structures on the site to be incorporated into the development.

The following publications provide further advice on the risks from landfill gas and ways of managing these:

1. Waste Management Paper No 27
2. Environment Agency LFTGNO3 'Guidance on the Management of Landfill Gas'
3. Building Research Establishment guidance - BR 414 'Protective Measures for Housing on Gas-contaminated Land' 2001
4. Building Research Establishment guidance - BR 212 'Construction of new buildings on gas-contaminated land' 1991
5. CIRIA Guidance - C665 'Assessing risks posed by hazardous ground gases to buildings' 2007.

If you have any queries regarding the information set out above please contact me on the details below.

Yours faithfully

Mr Jon Maskell
Planning Advisor, Environment Agency

Direct dial 01794 834 586
Direct e-mail PlanningSSD@environment-agency.gov.uk

End