



DOC19/1050629

Mr Harry Singh
Development Manager
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By email: harry.singh@sydneybusinesspark.com.au

Electronic Mail
16 December 2019

Dear Mr Singh

**Landfill Closure Plan – request to install active gas management system
Mulgoa Landfill, 842 Mulgoa Road Mulgoa – EPL 3438**

The Environment Protection Authority (EPA) refers to Environment Protection Licence No 3438 (the licence) held by Penrith Waste Services (PWS) to undertake landfilling activities at Lot 201 DP 804405 842 Mulgoa Road Mulgoa 2745 (the premises).

Reference is also made to *Landfill Closure Plan, Mulgoa Landfill, Mulgoa, Report ID CES9919-PWS-227-DEF-F* prepared by Consulting Earth Scientists and dated 21 June 2011 (the Closure Plan).

Section 7.3 of the Closure Plan refers to the management of landfill gas in Cells 8 to 11 of the premises by a passive management system relying on natural pressure and convection mechanisms to vent the landfill gas. It also states, "If odour from the passive venting system become detectable, the system may be converted into an active system by connecting up the central venting points to one (or more) flare stations for combustion prior to release".

Request from PWS to proceed directly to active gas management system

PWS sought approval to change the gas management measures from passive to active including the use of a flare. The EPA does not object to this proposal, pending information about the nature of the proposed flare.

Licence Variation to be submitted

Prior to installing a gas management system at the premises, PWS must submit a licence variation application with supporting documentation that includes the specifications of the gas flare system to be installed. The design and operation of landfill gas management system must address the requirements listed in the *Solid Waste Landfill Guidelines 2016*.

PWS will also need to provide evidence that the installation of a flare is within the scope of the development consent for the premises. You may need to obtain correspondence from Penrith City Council confirming this to be submitted with the licence variation application.

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If you have any questions regarding this matter please contact Kathy Falconer on (02) 9995 6287.

Yours sincerely

BELINDA LAKE
Unit Head, Waste Compliance
Environment Protection Authority