



PCU049824

Our reference: DOC13/87438
Contact: Jesslyn Ireland, 9995 5725

Mr Chris Ritchie
Manager - Industry
Planning & Infrastructure
GPO Box 39
SYDNEY NSW 2001

Email: chris.ritchie@planning.nsw.gov.au

EMAIL & STANDARD POST
28 November 2013

Dear Mr Ritchie

Genesis Waste Management Facility (06_0139 MOD 4) – Request for comments on modification application and Environmental Assessment – Operating Hours

I refer to your correspondence dated 7 November 2013 and received by the Environment Protection Authority ("EPA") on 11 November 2013 requesting comments on the ThaQuarry Pty Ltd's ("the Proponent") proposal to modify the operating hours for plant and equipment within the Main Processing Centre ("MPC") at the Genesis Waste Management Facility, being Lot 1 and 4 in DP 114 5808 ("the Premises").

I also refer to the document titled "*S75W Modification 4 Hours of Operation*" dated October 2013 prepared by Urbis Pty Ltd and attached with your correspondence ("the Environmental Assessment").

The EPA has reviewed the Environmental Assessment and provides comments on the proposal to modify the operating hours for plant and equipment in Attachment A, recommended Conditions of Approval at Attachment B and select Draft Conditions of Licence at Attachment C.

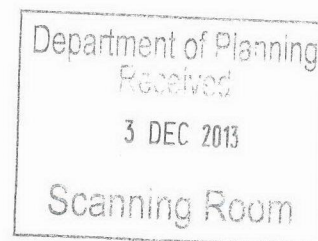
The EPA advises that should the project approval be granted, the Proponent will need to apply for a variation to the environment protection licence for the Premises pursuant to Schedule 1 of the *Protection of the Environment Operations Act 1997* ("POEO Act").

If you have any further queries regarding this matter, please contact Ms Jesslyn Ireland (02) 9995 5725.

Yours sincerely



BELINDA LAKE
A/Unit Head Waste Compliance
Environment Protection Authority



ATTACHMENT A – EPA COMMENTS

Air Quality Assessment

As specified in the Environmental Assessment the request to extend operating hours at the Premises only pertains to the indoors portion of the facility being the MPC, and as such it is not expected that issues associated with air quality will arise. Currently the facility does not accept putrescible waste thus significantly decreasing the potential for odour to be emitted from the Premises.

Noise

The EPA has reviewed the Environmental Assessment and considers the noise impacts resulting from increased operational hours to have limited impacts on nearby receivers as the Proponent will only be permitted to operate within the MPC. Additionally, the Premise is located in close proximity to the M4 Motor Way.

However, the EPA considers it appropriate to impose a condition within the EPL to limit noise during the newly proposed hours of operation.

Operating hours:

The EPA has reviewed the Environment Assessment and understands that the Proponent is requesting to have the operating hours of the MPC extended one extra hour each morning (to commence at 6am) and four extra hours in the evening (to continue to 10pm). However the EPA has noted that the Proponent intends, on occasion to receive materials at the Premises after 10pm. The EPA considers that the receipt of material after 10pm has not been adequately addressed within the noise assessment and the EPA requests that the Proponent be restricted to 10pm.

ATTACHMENT B - EPA KEY RECOMMENDED CONDITIONS OF APPROVAL

The EPA has included the following conditions of approval for consideration. Please note that the condition identifiers have been included for cross-reference purposes.

Noise and Meteorological Conditions

- L4.1** Noise generated at the premises must not exceed the noise limits in the table below. The locations referred to in the table below are indicated by: A – Nearest affected receiver (Minchinbury) and B – Nearest affected receiver (Erskine Park).

Location	NOISE LIMITS dB(A)	
	Daytime	Night time
	L _{Aeq} (15 minute)	L _{Aeq} (15 minute)
A	36*	35
B	36*	35

*Current noise limit for the Premises under condition L4.1

For the purpose of condition L4.1;

- Daytime is defined as the period from 6am to 6pm Monday to Friday, and 6am to 4pm Saturday, Sunday and public holidays; and
- Night is defined as 6pm to 6am.

- L4.2** The noise limits set out in condition L4.1 apply under all meteorological conditions except for the following:

The noise emission limits identified apply under meteorological conditions of:

- a) Wind speed up to 3m/s at 10 metres above ground level; or
- b) Temperature inversion conditions of up to 3°C/100m and wind speed up to 2m/s at 10 metres

- L4.3** For the purposes of condition L4.2:

- a) Data recorded by the nearest Bureau of Meteorology station must be used to determine meteorological conditions; and
- b) Temperature inversion conditions (stability category) are to be determined by the sigma-theta method referred to in Part E4 of Appendix E to the NSW Industrial Noise Policy.

- L4.4** To determine compliance:

- a) with the L_{Aeq(15 minute)} noise limits in condition L4.1, the noise measurement equipment must be located as follows:

Noise from the operation is to be measured at the most affected point or within the residential boundary, or at the most affected point within 30 metres of a dwelling (rural situations) where the dwelling is more than 30 metres from the boundary, to determine compliance with the L_{Aeq} (15 minute) noise limits.

Where it can be demonstrated that direct measurement of noise from the operation is impractical, the EPA may accept alternative means of determining compliance (see Chapter 11 of the NSW Industrial Noise Policy)

- L4.5** A non-compliance of condition L4.1 will still occur where noise generated from the premises in excess of the appropriate limit is measured:
- at a location other than an area prescribed by conditions L4.1(A) and L4.1(B); and/or
 - at a point other than the most affected point at a location.
- L4.6** For the purposes of determining the noise generated at the premises the modification factors in Section 4 of the NSW Industrial Noise Policy must be applied, as appropriate, to the noise levels measured by the noise monitoring equipment.
- L4.7** Noise monitoring must be conducted as per licence conditions with additional monitoring times to reflect the extended operating hours.

Additions to Definition of Terms of the licence

- NSW Industrial Noise Policy - the document entitled "New South Wales Industrial Noise Policy published by the Environment Protection Authority in January 2000."
- Noise - sound pressure levels' for the purposes of conditions L4.1 to L4.7

Operating Hours

Operating hours for the MPC may be extended to the proposed hours listed in Table 5 of the Environmental Assessment.

- L5.1** Operating hours for all activities at the premises (with the exception of the activities listed in condition L5.2) will be restricted to 7:00am to 6:00pm Monday to Friday, and 8:00am to 4:00pm Saturday, Sunday and Public Holidays.
- L5.2** Operating hours for the operation of the Main Processing Centre, waste delivery to Main Processing Centre will be from 6:00am to 10:00pm Monday to Friday and 6:00am to 4:00pm Saturday, Sunday and public holidays.
- L5.3** Operating hours of the conveyor and chute system are restricted to the premises operational hours as specified in Condition L5.1.

ATTACHMENT C – DRAFT LICENCE CONDITIONS

The following draft licence conditions are provided to indicate the potential requirements of an Environment Protection Licence that are relevant for consideration in the assessment of this application. Please note that as the EPA has not received a licence application for the proposed works, these conditions may alter in due course.

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L4.3 For the purposes of condition L4.2:

- a) Data recorded by the nearest Bureau of Meteorology station must be used to determine meteorological conditions; and
- b) Temperature inversion conditions (stability category) are to be determined by the sigma-theta method referred to in Part E4 of Appendix E to the NSW Industrial Noise Policy.

L4.4 To determine compliance:

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