

PCU029270

Ms Christine Chapman
NSW Government Planning & Infrastructure
23-33 Bridge Street Sydney
NSW 2000,
GPO Box 39, Sydney NSW 2011

Dear Ms Chapman

Re: Response to submissions

Council Issues;

1

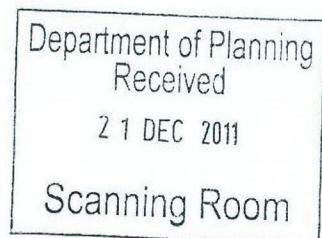
- *The site (191 Miller road) currently holds two (2) separate companies both trading in the sale and hire of shipping containers, further to the site (191 Miller road) the land adjacent to 191 Miller Road is also used to store vast amounts of shipping containers. No additional visual impact would be associated with Always Recycling Pty.Ltd using shipping containers as sound proofing. Always Recycling will monitor the condition of the containers and repaint the containers as required*

2

- *Always Recycling Pty.Ltd has filled the bottom containers and Always will weld the upper and lower containers together to ensure maximum permanency. Always Recycling Pty.Ltd acknowledge that the removal of these containers would result in Always Recycling Pty.Ltd being in breach of its EPL therefore council is assured the containers will remain in their current position(s) permanently.*

3

- Please find attached email from Spectrum Acoustics



ALWAYS RECYCLING PTY LTD
ABN 19 133 874 674
DP 103 9882
191 Miller Road, Chester Hill, 2162

www.alwaysrecycling.com.au

PH: 1300 852 157

FAX: 1300 851 904



OEH Issues

1

- Please find attached email from Spectrum Acoustics

2

- Please find attached email from Spectrum Acoustics

3

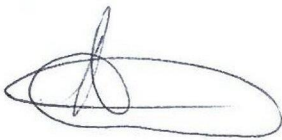
- Please find attached email from Spectrum Acoustics

4

- Please find attached email from Spectrum Acoustics

Should you require further information or clarification please do not hesitate in contacting me directly.

Yours sincerely,



Andrew Schlick
Operations Manager

19/12/2011



Andrew

From: Neil Pennington [neil@spectrumacoustics.com.au]
Sent: Monday, 19 December 2011 1:46 PM
To: Andrew
Subject: RE: Acoustics justification

Good afternoon Andrew,

Please find our response to acoustic issues below for inclusion in your response to issues:

1. The statement "measurements taken while the shipping containers are storing waste will effect noise measurements" is false. The contents of the shipping containers have no influence on the physical size and placement of the containers, which are the only two relevant properties in terms of acoustic effectiveness.
2. Activities on site were inspected prior to conducting the monitoring and it was confirmed that all noise sources included in the noise modelling (concrete crusher, 2 x excavators, loader, truck movements, etc) were in operation. Since the noise model considered all these items operating continuously as the worst case, their constant operation constitutes a "full operating cycle" in terms of worst case noise emissions (note that source-receiver distances are small enough that changes in atmospheric conditions would have minimal effect on noise emissions). Noise monitoring was undertaken for periods in the order of 30 minutes to obtain sufficient measurement of noise emissions from the site to determine compliance with the $L_{Aeq(15\text{minute})}$ noise criterion.
3. Spectrum Acoustics utilises Bruel and Kjaer equipment, partly because it was used by the EPA as far back as the late 1990's. The recorded time-trace at 1-second intervals is matched to hand written (time-synchronised) field notes. Breaks in traffic are accurately noted and individual noise sources, and their levels, from the site under investigation are noted. The recorded signal is post-processed to pick out the periods when the source under investigation was identified, and append these into a single file for calculation of noise emissions from the site. It is also noted if there are constant environmental sources such as insects, these can be frequency filtered. Spectrum Acoustics has utilised this methodology since 2003 to conduct noise compliance surveys for numerous Hunter Valley coal mines and, since the methodology was endorsed by EPA as the best available for conducting independent noise audits, we are confident in its accuracy.
4. The operation achieved the noise criteria with the configuration of sources/barriers extant at the time of monitoring. Should it be required that noise sources be located as per the original acoustic assessment, then it is likely that the layout of barriers as adopted in that assessment would be required. If the sources are to remain at their current locations, then the current barrier configuration is sufficient to achieve compliance.

Regards,

Neil Pennington
Principal/Director

Spectrum Acoustics

PO Box 374 Wallsend NSW 2287
Ph: (02) 49542276
Fax: (02) 49542257
Mob: 0409 181888