

15 February 2013

WM Project Number: 12228  
Our Ref: SH12228Ltr150213  
Email: [stuart@hillsenvironmental.com.au](mailto:stuart@hillsenvironmental.com.au)

Stuart Hill  
Hills Environmental

Dear Stuart

**Re: Central Barangaroo - Response to Leichhardt Council Submissions**

This letter reviews noise issues raised by Leichhardt Council in their letter of 21 December 2012 reference DA SSD 12\_5374 *Barangaroo Central Waterfront promenade and interim Public Domain works*.

Leichhardt Council in their response to the DA endorsed the report on the basis of their submissions.

The Leichhardt Council submission with regard to noise and Wilkinson Murrays comments are presented in the Table below:

#	Leichhardt Councils Noise Submissions	Wilkinson Murrays Response
a	Noise monitoring systems are to be located at sensitive receptor locations including Balmain East to ensure the accurate measurement of cumulative noise arising from the development works and operations of public and special events at Barangaroo Central.	The Wilkinson Murray Barangaroo Central Waterfront Promenade and Interim Public Domain Operational Noise Management Plan (WM Plan) that was provided as part of the DA is consistent with the Leichhardt submission.
b	Where exceedance to approved noise criteria are identified that appropriate measures are implement immediately to ensure compliance with Project Approval conditions.	
c	That Noise Management Plan be effectively implemented to minimise negative impacts on residents amenity and the natural Environment.	
<b>Leichhardt Council recommended noise conditions of consent:</b>		
Amplified sound associated with large events should only be permitted in day and evening periods. Outside those times, the PA system should only be used as a last resort for announcements related to emergencies or crowd control.		The Leichardt Council recommended noise conditions are consistent with the recommended noise mitigation techniques presented in the WM Plan.
All sound systems should include a limiter/compressor so music can be locked below a desired threshold noise level if required.		
Sound level meters should be set up at each sound desk to monitor levels and ensure that they do not depart from the appropriate levels recommended for compliance at sensitive receivers.		

#	Leichhardt Councils Noise Submissions	Wilkinson Murrays Response
	Production managers and sound engineers (day events, night rehearsals) as well as site managers (night time installation and decommissioning works) should be briefed on the importance of reducing noise levels as requested by the acoustic consultant. The event organisers are responsible for briefing the managers prior to the event. Briefing should include awareness of noise issues, clear outline of responsibilities, acoustic consultant contact information, procedures to implement in order to quickly reduce noise levels, and procedures to implement in order to maintain appropriate noise levels.	It is expected that any development consent would require events to be managed consistent with the WM Plan.
	The event organisers are responsible for ensuring that the various production managers have rehearsed the process of quickly reducing noise levels.	
	Teams should be used to assist people in arriving to/leaving sites quietly.	
	Installation and decommissioning works should be undertaken during the day when possible. Such works should only take place at night as a last resort.	
	If installation and decommissioning works need to be carried out at night then:	
	<ul style="list-style-type: none"> <li>- Mechanical plant and vehicles should only be operating when needed.</li> <li>- Mechanical plant should be placed as far as possible and possibly shielded from the closest receiver.</li> <li>- Noisier works should be carried out as early as possible in the night in order to reduce noise impact.</li> <li>- Management measures shall be implemented in order to ensure that the noisy works do not occur simultaneously.</li> </ul>	
	Community consultation prior to events	
	A complaints handling system	
	Requirements for record keeping; and	
	Requirements for review of the Operational Noise Management Plan.	

I trust this information is sufficient. Please contact us if you have any further queries.

Yours faithfully

**WILKINSON MURRAY**



**John Wassermann**

Director