

# Murrumbidgee to Googong Water Transfer

## Noise, dust and vibration monitoring

During the construction phase, The Murrumbidgee to Googong Water Transfer project is governed by NSW Environmental Protection Licence 13322 and ACT Environmental Authorisation 0802. Under both licences noise monitoring is required. Construction noise in NSW is assessed using the NSW Interim Construction Noise Guidelines (July 2009) and in the ACT the Environmental Authorisation 0802 stipulates the acceptable noise level. Noise monitoring is undertaken at, or near to (within 30m), of eleven residences along the construction corridor.

**Table 1** Table 1 outlines construction noise criteria in NSW and the ACT.

State	Time period	Management Level L <sub>A10</sub> (15 min)
NSW	Monday to Friday: 7 am to 6 pm	Range of >40 dB(A) – Noise affected level >75dB(A) – Highly noise affected level
ACT	Monday to Saturday: 7 am to 6 pm	60 dB(A)
	Sunday and public holidays: 8 am to 10 pm	45 dB(A)

Vibration monitoring will only be undertaken when working in close proximity (within 100 m) to residential properties. Vibration monitoring was undertaken for a blast in February. Dust monitoring is not required under either license, however ACTEW and its partners will use industry best practice guidelines, which dictate an average of 4g/m<sup>2</sup>/month of dust deposition per year. This will be monitored throughout construction on a monthly basis. Table 2 below shows noise and dust monitoring results over the previous three months.

**Table 2** Noise and dust monitoring results

Month	Noise ACT	Noise NSW	Dust	Vibrations
February 2012	Compliant	Within acceptable range	Compliant	Compliant
March 2012	Compliant	Within acceptable range	Compliant	Not taken
April 2012	Compliant	Within acceptable range	Compliant	Not taken

The Murrumbidgee to Googong Water Transfer team is continuously working with community to lessen or mitigate the impacts of the construction project. To access comprehensive management plans for noise, vibrations and air quality for the project please visit [www.actew.com.au](http://www.actew.com.au). For more information please contact the ACTEW Water Security Information Line on (02) 6248 3563 or email [watersecurity@actew.com.au](mailto:watersecurity@actew.com.au)

Delivered by the Bulk Water Alliance