

**ENDORSEMENT
CITY & SOUTHWEST ACOUSTIC ADVISOR**

Review of	Construction Noise and Vibration Impact Statement Addendum: Barangaroo – TBM Retrieval	Document reference:	SYDNEY METRO CITY & SOUTHWEST-TSE WORKS Construction Noise and Vibration Impact Statement Addendum: Barangaroo TBM Retrieval
Prepared by:	Larry Clark, Alternate Acoustic Advisor		<i>TH511-02 01.06.04 F04 BN CNVIS ADD4 TBM REMOVAL (R8) Dated 19 November 2019</i>
Date of issue:	21 November 2019		

As approved Alternate Acoustic Advisor for the Sydney Metro City & Southwest project, I have reviewed the Construction Noise and Vibration Impact Statement (CNVIS) Addendum for Barangaroo TBM Retrieval, as required under A27 (d) of the project approval conditions.

The CNVIS Addendum covers the retrieval of TBM components from within the station box. The Addendum supports the CNVIS: Barangaroo Construction site.

I reviewed the Addendum; visited the site to understand the movement of TBM components and associated heavy vehicle movements on and off the site; and clarified the justification in relation to risks associated with two operating cranes having overlapping swing radii.

We have been advised by TSE, on 19 November 2019, that toolbox talks and site briefings will include the requirements of TSE's Driver Code of Conduct

As stated in the CNVMP, TSE will:

- limit the use of engine compression brakes at night and in residential areas.
- ensure vehicles are fitted with a maintained Original Equipment Manufacturer exhaust silencer or a silencer that complies with the National Transport Commission's 'In-service test procedure' and standard.

I am satisfied that the CNVIS Addendum is technically valid and that it includes appropriate noise and vibration mitigation and management. On this basis I endorse the impact statement Addendum in relation to the documented retrieval of TBM components at the Barangaroo construction site.



Larry Clark, City & Southwest Alternate Acoustic Advisor