

Submission No.			028	
Organisation Name or Name of Submitter			Brendan Howley (resident - 5 Mobhi Road, Glasnevin)	
Item No.	Section Ref.	Page No.	Observation Statement	TII Response
Letter dated 14 th October 2022				
1	Letter	1	<p>I am the owner and occupier of 5 St Mobhi Road. I see from the enclosed map that it will extend into the substratum of my front garden and part of my house. I object to this structure as from experience of living in London for many years it causes vibration and a rumbling sound inside the houses of some of the places where I lived.</p> <p>It appears from the enclosed map that the infrastructure will be under my hallway and sitting room which will affect my living experience and substantially effect the value of my property.</p>	<p>Thank you for your submission and for sharing your observations with regards to the MetroLink project to which we have responded below.</p> <p>EIAR Appendix 14.5 Groundborne Noise and Vibration Blasting Modelling Results presents the predicted groundborne noise and vibration levels during the construction and operational phases of the Project.</p> <p>The predicted groundborne noise during TBM passage at your property is 47 dB LASmax which is above the Threshold Level of 45 dB and indicates a significant adverse impact for a short-term duration of up to 2-weeks when the TBM is passing your property. The predicted vibration during TBM passage at your property is predicted to be a not-significant level of 0.236 ms-1.75 VDV (Vibration Dose Value is a parameter that combines the magnitude of vibration and the time for which it occurs) which is below the threshold level of 1.0 ms-1.75 VDV.</p> <p>Unfortunately, there are no effective methods available to reduce groundborne noise or vibration from the TBM at source but noting that the duration of this impact will be temporary and of the order of up to two-weeks as the TBM passes. TII will undertake advanced consultation and stakeholder engagement to prepare people for the passing of the TBM and ensure the timing of these impacts are known. TII have put in place a Airborne and Groundborne Noise Mitigation Policy which is detailed in EIAR Appendix 14.6. This policy is available within certain criteria to owners of properties that may be impacted by the works.</p> <p>During operation of the railway, groundborne noise is predicted to be 31 dB LASmax at your property which is below the threshold of 40 dB LASmax. Operational vibration at your property is predicted to be 0.006 ms-1.75 VDV, again well below the threshold level of 0.8 mms-1.75 VDV. As a result there are no predicted significant impacts during the operation of MetroLink at this location. There is strong evidence to suggest that the introduction of a world class metro system greatly benefits established residential areas.</p>