

Milldale Fast-Track

29/07/2025 – Auckland Council Response








Annexure 19:

Noise & Vibration

From: Andrew Gordon, Senior Specialist (Noise & Vibration), Auckland Council

Date: 16 May 2025

Documents Reviewed:

-  Appendix 4N Acoustic Assessment
-  Appendix 3I Acoustic Assessment
-  Appendix 2T Acoustic Assessment
-  Appendix 4A Infrastructure Report (1)
-  Appendix 3F Infrastructure Design Report
-  Appendix 2F Infrastructure Report
-  Volume 6 - Fast-Track Conditions of Consent (1)

Activity status / reasons for consent:

Stages 10-13

Permitted activity status in regard to E25.6.2, E25.6.27 and E25.30(1).

I confirm no reasons for resource consent.

Stage 4C

Permitted activity status in regard to E25.30(1).

A reason for resource consent is to briefly exceed the permitted construction noise levels in E25.6.27.

Milldale Wastewater Treatment Plant

Permitted activity status in regard to E25.6.2, E25.6.3, E25.6.27 and E25.30(1).

I confirm no reasons for resource consent.

Overall Summary:

I have not identified any inconsistencies with information provided in the infrastructure reports and the acoustic assessments which could materially result in a different effects conclusion.

Stages 10-13

I concur with the assessment, methodology and conclusions in the 2T Acoustic Assessment.

It will be practicable to manage key construction works to comply with construction noise and vibration levels with the adoption of commonly utilized best practice mitigation, for example, temporary noise barriers.

Compliance implies effects will be reasonable in the context of temporary construction works where noise and vibration levels will be minimised as far as possible subject to adoption of best practice.

I agree it will be practicable to design the water pumping facility to enable compliance with permitted operational noise levels specified in E25.6.2 when assessed within the closest lots zoned residential and located within the application site.

Recommended conditions specific to E25 are supported.

I have no issues or concerns with the assessment.

No additional information is identified or requested.

Stage 4C

I concur with the assessment, methodology and conclusions in the 3I Acoustic Assessment.

Generally, it will be practicable to manage key construction works to comply with construction noise and vibration levels with the adoption of commonly utilized best practice mitigation, for example, temporary noise barriers.

However, during construction of a vehicle accessway a 5 – 10 dBA exceedance is predicted due to the proximity of multi-level dwellings within Stage 4C-1A.

I note it is common for construction projects to exceed permitted levels by 5 – 10 dBA and sometimes up to 15 dBA or greater.

A draft Construction Noise and Management Plan (CNVMP) is attached to the assessment. In my view the draft CNVMP is satisfactory but will need to be updated when the construction methodologies are finalised.

Effective implementation of recommended best practice measure will reduce noise and vibration emissions by as far as practicable and will avoid any unnecessary effects on the neighbouring sites. In my view effects are reasonable when put into context with the relevant E25 objective and policy which enable works to go ahead if permitted standards cannot be practicably met, but controls are in place to manage adverse effects.

Recommended conditions specific to E25 are supported.

I have no issues or concerns with the assessment.

No additional information is identified or requested.

Milldale Wastewater Treatment Plant

I concur with the assessment, methodology and conclusions in the 4N Acoustic Assessment.

It will be practicable to manage key construction works to comply with construction noise and vibration levels with the adoption of commonly utilized best practice mitigation, for example, temporary noise barriers.

Compliance implies effects will be reasonable in the context of temporary construction works where noise and vibration levels will be minimised as far as possible subject to adoption of best practice.

It will be practicable to design the wastewater treatment plant to enable compliance with permitted operational noise levels specified in E25.6.2 and E25.6.3 when assessed within the closest lots zoned residential and within the closest notional boundaries within the Future Urban Zone, respectively.

Recommended conditions specific to E25 are supported.

I have no issues or concerns with the assessment.

No additional information is identified or requested.

Comments on Volume 6 - draft conditions

All recommended conditions in the 2T Acoustic Assessment are adopted by the applicant.

All recommended conditions in the 3I Acoustic Assessment are adopted by the applicant.

All recommended conditions in the 4N Acoustic Assessment are adopted by the applicant and two additional conditions 36 and 37 are proposed. Condition 36 is supported. Condition 37 is supported subject to amendment as discussed below.

As reported and consistent with the 4N Acoustic Assessment, I note that condition 37 includes an error as the permitted E25 noise levels within the Residential Zone are daytime 50 dB LAeq and night time 40 dB LAeq (not 55 / 45). This condition should be amended.

Recommended Additional Conditions

No additional conditions are recommended.

END