



Abatement /
Demolition

Clearview Demolition Ltd. Project Specific Noise Management Plan

“Safety First”

The health and safety information in this plan does not take precedence over applicable government legislation, with which all employees should be familiar. Provincial WorkSafeBC and Federal legislation parameters supersede.

Project Name:	Western Cleanwood Preservers Demolition
Project Address:	9815 Robson Rd., Surrey, BC
Project Number:	2021-0509
Estimated Length of Project:	<u>Start Date:</u> July, 2021; <u>Est. End Date:</u> October, 2021

NOISE and VIBRATION MANAGEMENT PLAN

Introduction:

During the demolition phase of the Project, noise and vibration will result from various activities, including heavy equipment use. Potential effects may include disturbance of the nearby vicinity of the Project site.

Source Controls / Avoidance Measures for Noise and Vibrations:

Clearview Demolition will implement the following source control / avoidance measures in a context-specific manner based on site conditions the work activities being performed. These measures will be incorporated into activity-specific work plans as determined appropriate by Clearview Demolition and the Environmental Monitor, where required, to reduce the risk of potential noise and vibrations impacts. The range of mitigation measures that will be applied in a context-specific manner are as follows:

- Limit demolition activities to the hours of 7:00 am to 3:30 pm, Monday to Friday, excluding holidays. Should activities be required outside these hours, Clearview will contact the Owner representative for permission to work outside of the established hours 14 business days prior to the desired start date of extended hours.
- A qualified professional will calibrate equipment that emits noise in excess of 100 dBA using manufacturer specifications for optimal performance, to limit unnecessary noise disturbance to the surrounding communities.
- Properly maintain all equipment to limit noise emissions, and fit equipment with functioning exhaust and muffler systems, as applicable.
- Confirm that machinery covers and equipment panels are well fitted and remain in place to muffle noise, and bolts and fasteners will be tight to avoid rattling.
- Prohibit use off engine rakes in and around areas surrounding the project site.
- Use short-term sessions to reduce noise impacts when high-noise (i.e., excess of 100 dBA) activities are necessary.
- Use pre-emptive measures, such as temporary noise barriers, shrouds, etc. during demolition activities, when required.
- Position stationary equipment to minimize noise disturbance to the areas surrounding the project site whenever possible.
- Shut down heavy equipment when not in active use whenever practical.
- Train all personnel on strategies planned for mitigating noise and vibration.

Additional measures relating to the management of notifications around Project-generated noise and potential corresponding noise complaints received from the public have been included in the Communications Plan.