



Project Summary Update – August 1, 2021

Engineering design, performance discussions and independent environmental / health assessments have been in progress since the Village issued a Development Permit for the facility in 2020. These studies are needed to obtain a provincial approval for the project under the Environmental Protection and Enhancement Act. Two of the key studies are air dispersion modelling (which predicts how emissions from the facility stacks will move through the air) and corresponding human health risk assessment (which indicates whether these emissions will be safe within the community). Results from this work confirm that:

- the high performance air pollution control equipment built into the facility will emit only very low levels of key contaminants into the air;
- these contaminants will generally fall very close to the facility itself (and mostly within the facility fence line) due to the stack height being only a few meters above the roof of the building; and
- safe levels are predicted even if a person lived their entire life right at the facility fence line. For people living further away, even lower levels would be experienced.

Another key study assesses potential impacts from noise related to the facility. Results from this work indicate that the facility will generate low noise levels and that no noise mitigation methods are needed.

These studies are currently being finalized, and the study reports will be part of the provincial approval application which is expected to be submitted to Alberta Environment and Parks in Fall 2021. The approval application will be advertised in the local area as soon as it is confirmed complete by Alberta Environment and Parks, at which time anyone who is interested can request a copy of the application and can provide comments on the proposed project to Alberta Environment and Parks. Prairie Thermal hopes that the project might gain provincial approval by Summer 2022, at which time final engineering and fabrication can proceed.

Prairie Thermal is committed to working with the community throughout the provincial approval process and beyond and is available should you wish to discuss any aspect of the project.