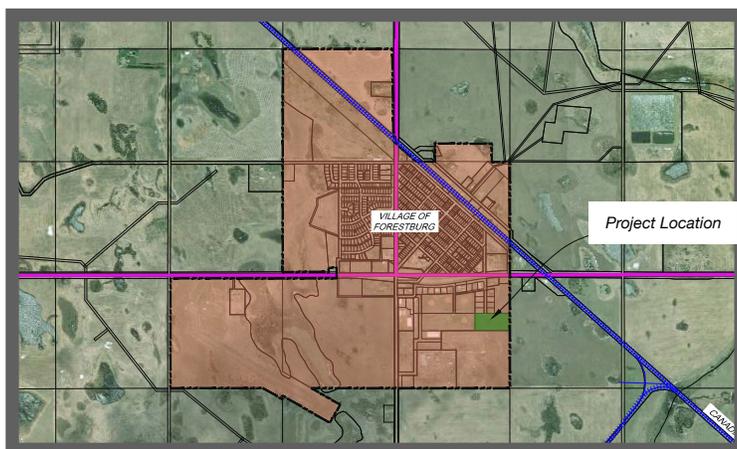


Open House July 10

Prairie Thermal Treatment Project - Forestburg AB

Forestburg Thermal Treatment Project

The project is a small world-class non-hazardous waste incineration facility that will service niche customers and will be developed and operated by Prairie Thermal Treatment Ltd (part of the G-M Pearson group of companies, a family business with a long history of waste management in Alberta). The project will use advanced technology that is tried and tested in Europe and other parts of the world, and will be a first here in Alberta. The facility will be a steady contributor of jobs and taxes to the Forestburg community for decades.



During our Open House in July 2020 we focused on the municipal approval process and promised that we would be back at a later date to discuss environmental and health aspects of the project. We're making good on that promise with our July 2021 Open House, at which we'll share information from the key studies we've conducted over the past year to confirm that the project will meet regulations and be safe for the people and environment of Forestburg.

OPEN HOUSE

Find us at the Forestburg Community Centre on July 10 between 10am and 4pm.

TALK TO US

Owner and technical representatives will be there.

FOLLOW UP

We can be reached by e-mail if you have questions.

info@prairiethermaltreatment.ca

Project Overview

The project is a state-of-the-art modern facility which will incinerate a range of wastes, all of which will be non-hazardous. This incinerator will treat waste through a high temperature, controlled-burn process in a rotary kiln, during which chemical and physical reactions convert combustible material into exhaust gas, and non-combustible material into ash. Exhaust gas is cleaned before being discharged through a chimney (or 'stack') and ash is transported off-site for disposal at approved third party facilities. The quality of ash and exhaust gas are carefully monitored to ensure the treatment process is operating as intended.

Project Proponent

The project proponent is Prairie Thermal Treatment Ltd, which is part of the G-M Pearson group of companies. G-M Pearson is an Alberta-based, family-run business that has provided safe and secure waste management services for more than 30 years and has been involved in incineration in Alberta since the mid-1990s. The company owns and operates a fleet of trucks and a waste treatment facility in Rocky View County. The proposed Forestburg project will complement these operations by treating wastes from medical facilities and other sensitive wastes that require total destruction. All waste treated at the facility will be non-hazardous in Alberta.

Facility Operation

The facility operation will provide 22 full-time jobs and various contract opportunities. The facility will be based around a high performance rotary kiln and comprehensive air pollution system. All activities will be housed in or directly alongside a single warehouse-style building. Trucks will deliver waste in closed containers which will be transferred into the building at warehouse-style loading docks. Containers will remain closed up to and including being loaded into the rotary kiln for destruction. There will be two stacks at the south side of the building. Heat (white steam) may be visible on cold days. The building itself will be approximately 11 metres high (36 ft). The stacks will extend approximately 2 to 4 metres (6.5 to 13 ft) above the peak of the roof. Traffic into the facility will average two 53 foot trailers and one or two small cube vans per day, plus the vehicles of operations staff. The operation and performance of the facility will be strictly regulated by Alberta Environment and Parks, especially with regard to air quality and human health. The facility approval will require routine performance reports which will be available to the public.

Project Timeline

In early 2020, the Village of Forestburg was selected from multiple communities that expressed interest in hosting this project. Land was purchased from the Village specifically for the project and a Development Permit was granted by the Village Council in 2020.

Construction, operation and reclamation of the project requires a provincial approval under the Environmental Protection and Enhancement Act. To obtain this approval, Prairie Thermal Treatment must demonstrate that the facility will protect the environment including human health. Environmental studies including noise, air quality and health are being conducted by independent consultants to ensure that the facility will be safe for area residents and the surrounding environment. These studies will be available to the public as part of the approval process. Prairie Thermal Treatment expects to apply for this approval in the fall of 2021. Equipment ordering and construction activities are scheduled to begin once the environmental approval is issued (expected in 2022) and the facility should be commissioned in early 2024.

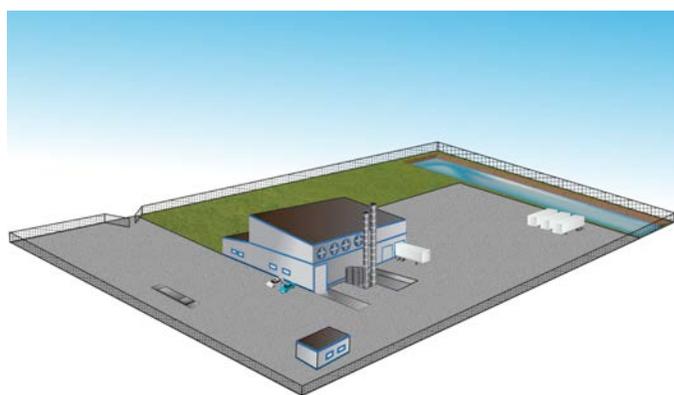


Illustration of facility building looking northeast