

## CLOSED MINES WASTE MANAGEMENT RESEARCH & DEVELOPMENT

Denison is currently working with an engineering master's student at the University of Saskatchewan to develop an updated groundwater flow model for the Denison decommissioned mine site in Elliot Lake, Ontario. The principal purpose is to update and validate the modelling in the 1995 Environmental Impact Statement for the mine closure plan, using an additional 25 years of monitoring data since collected, and improve Denison's understanding of risks and opportunities for the future of the site.

Also in 2021, Denison partnered with researchers from several academic, government/regulatory, consultants, and other nuclear industry groups in applying for an Natural Sciences and Engineering Research Council of Canada (NSERC) Alliance Grant to study the aquatic toxicity of radium-226. If approved, this research is intended to improve information available with respect to the protection of aquatic life, with a long-term goal of establishing a research network to develop methods and technologies and train future scientists and technicians.