SASKATCHEWAN RESEARCH COUNCIL

Project CLEANS

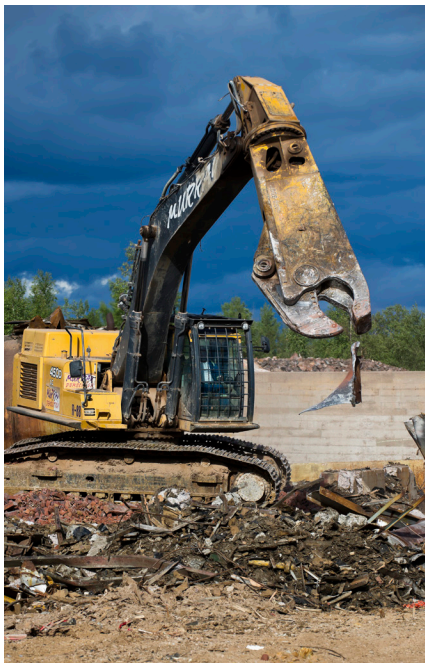
(Cleanup of Abandoned Northern Sites)

The Saskatchewan Research Council (SRC) is managing Project CLEANS (Cleanup of Abandoned Northern Sites) – a multi-year, multimillion-dollar project aimed at assessing and reclaiming Gunnar mine and mill site, Lorado mill and 35 satellite mine sites in northern Saskatchewan, near Lake Athabasca. The project is funded by the governments of Saskatchewan and Canada.

Uranium from these mines was mined by private companies from the early 1950s to the mid- 1960s. When the mines and mills were abandoned, there was little decommissioning. Because of this, the sites pose potential risks to the surrounding communities and environment. SRC is working to safely reduce these risks.

SRC's key focus at Gunnar has been on securing hazardous materials and demolishing buildings that have deteriorated over time. Demolition activities have included taking down more than 80 buildings and structures, cleaning up site debris and constructing a barrier around the open pit. This work is now complete and SRC's experts are assessing the extent of environmental contamination and possible remediation options.

At Lorado, the environmental assessment has been completed and remediation will take place in 2014 and 2015. Many of the satellite mine sites' buildings have been demolished and openings to underground secured.



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The goal of Project CLEANS is to conduct remediation activities in a manner that meets or exceeds regulatory requirements. Once the sites are cleaned up and made safe, environmental monitoring will be done to ensure remediation activities are successful.

Due to challenges associated with the short field season, cold climate, remote location and delicate ecosystems at the Project CLEANS sites, SRC is developing approaches to overcome these challenges.

SRC's broad scientific and technical expertise provides the technologies and skills required to meet the complex needs of remediation projects, such as Project CLEANS. SRC also has considerable experience working with Aboriginal groups, northern communities, industry and governments.

Our expertise includes:

•Environmental site assessment and remediation management

•Groundwater and surface water quality assessment

•Water treatment technologies

•Organic, inorganic and radiochemical analysis

Community Involvement

Engagement of local communities is key to successful remediation projects. SRC's Project CLEANS team maintains working relationships with local residents and their leadership in the communities of: Black Lake, Camsell Portage, Fond du Lac, Stony Rapids, Hatchet Lake, Wollaston Lake, and Uranium City as well as the Prince Albert Grand Council and the Métis Nation-Saskatchewan. SRC holds regular community meetings to provide updates and receive feedback from northern residents. Key concerns addressed through this engagement process include human and environmental health, employment and business opportunities, remediation options and potential site end-uses.

Health & Safety

Safety is SRC's top priority. The existing mine and mill sites have hazards related to historical structures, contaminants and low-levels of gamma radiation and ambient radon. SRC is focused on safe work practices and is working with regulatory agencies to ensure the safety of workers and the public during the project.

Additional information and project updates are available online at www.saskcleans.ca.

The Saskatchewan Research Council (SRC) has provided Smart Science Solutions™ for more than 60 years. We are Saskatchewan's leading provider of applied research, development and technology transfer. Our clients benefit from our multi-disciplinary teams that work together to provide solutions to unique challenges in a variety of industries.