

SASKATCHEWAN METALS PROCESSING PLANT DEEP WELL MODEL

DISPOSAL WELL

Injection of waste fluids in disposal horizons has been occurring in Saskatchewan since the 1960s and is regulated by the Saskatchewan Ministry of the Economy (“MECON”) under the Oil and Gas Conservation Regulations (2012). Mining, oil and gas, manufacturing, and municipalities regularly inject waste water into deep disposal horizons in the province. A disposal/injection well application was submitted to MECON in December 2013 to inject into the Souris River Formation. This saline disposal horizon is present at approximately 720 m to 850 m depth.

The anticipated average injection volume is 296 m³/day, which is an almost 60% reduction from the original rate proposed. Saline fluid with the following chemistry will be injected.

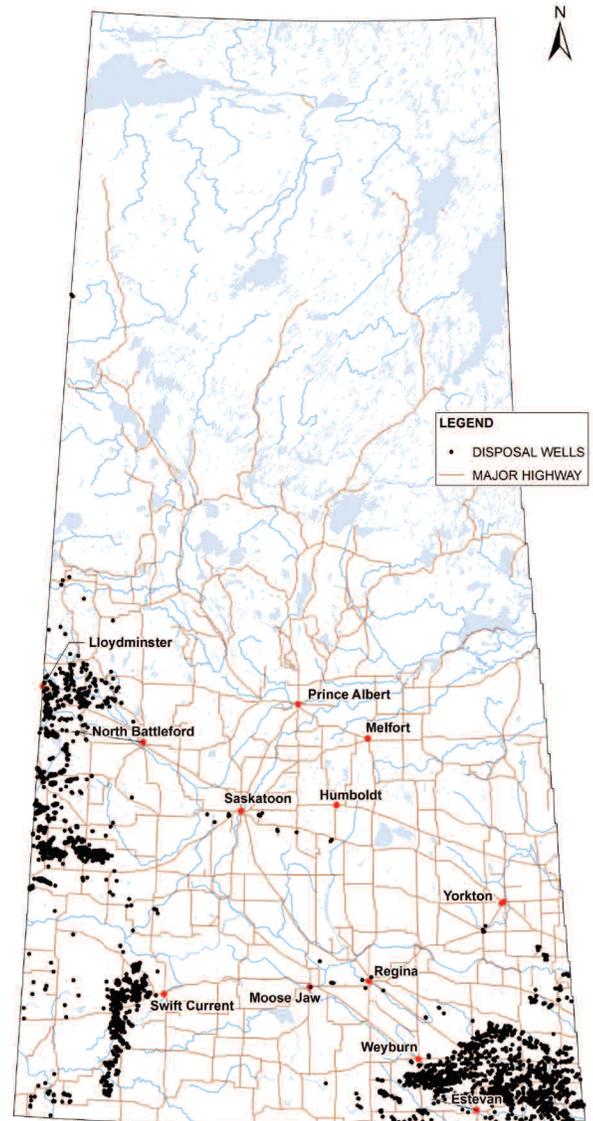
Re-injection water chemistry will be primarily calcium, sodium and magnesium salts made up with chlorides and sulphates.

Deep disposal by Fortune Minerals can be done safely with no expected impact to the environment, or overlying / underlying formations at the expected maximum injection pressure.

Injection wells are designed and constructed to prevent the movement of injected wastewaters into underground sources of drinking water. These wells typically consist of three or more concentric layers of cement and steel pipe: surface casing, mainhole casing, and injection liner, as shown in the figure. Constant pressure is maintained in the annular space between the production casing and injection liner; this pressure is continuously monitored to verify the well’s mechanical integrity and proper operational conditions.

Pressure testing is done to ensure that the fluids injected through the well can enter the disposal horizon without an excessive build-up of pressure and possible displacement of injected fluids outside of the intended horizon. The disposal horizon is overlain by one or more layers of relatively impermeable rock that will hold injected fluids in place and not allow them to move vertically toward a potable aquifer. The Souris River disposal horizon is separated from the Dalmeny Aquifer by approximately 680m of predominantly clay and silt shale, and a lesser amount of till. The potential for these two horizons to interact is negligible.

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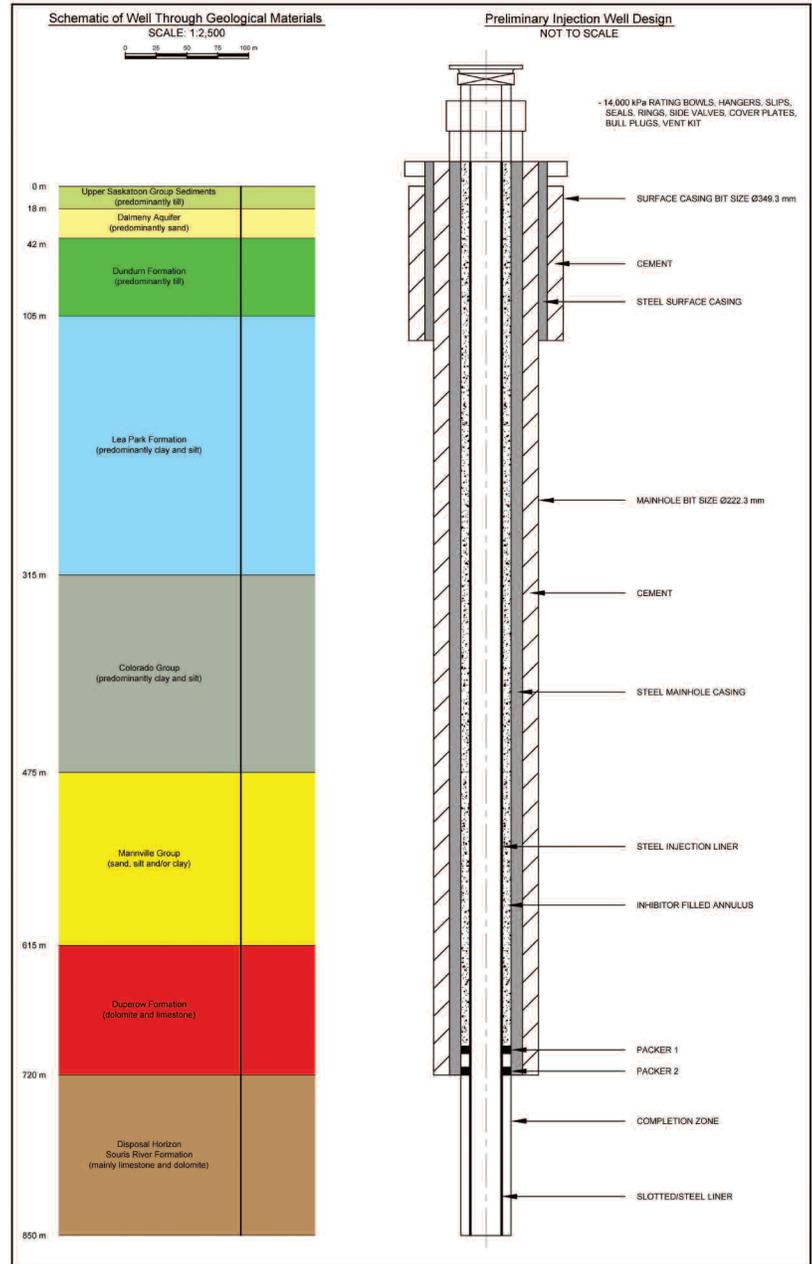
148 Fullarton Street, Suite 1600, London, ON N6A 5P3 tel:(519) 858-8188 | info@fortuneminerals.com

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In the unlikely event that all of these systems failed, on-going monitoring would detect the failure, so the issue could be fixed immediately. In general, Fortune Minerals plans to adopt the more stringent operational monitoring requirements (i.e. Class I wells) outlined in Alberta's Directive 51 regulations. Frequent operational monitoring (e.g. pressure monitoring) would be integrated into the overall monitoring of the SMPP. This monitoring would be delegated to the process engineers and technologists employed at the plant. If an issue arises during normal operation, Fortune Minerals would engage a third party well specialist to investigate and remediate the issue immediately. Third party specialists would also be engaged for well testing and integrity logging.

This document contains forward-looking information. This forward-looking information includes statements with respect to, among other things, the proposed development of the NICO project and the SMPP, the permitting process for the NICO project and the SMPP, the anticipated capital and maintenance costs of the SMPP, the anticipated production from the SMPP, the number of employees expected to be employed at the SMPP and the wages expected to be paid to such employees, the possibility that the SMPP may be able to source materials from other projects, the anticipated impact of the SMPP on the environment and the measures expected to be taken by the Company to mitigate such impact. Forward-looking information is based on the opinions and estimates of management as well as certain assumptions at the date the information is given (including, in respect of the forward-looking information contained in this press release, assumptions regarding the Company's ability to arrange necessary financing for the NICO project and the SMPP, obtain all necessary permits for the NICO project and the SMPP and negotiate an Impact and Benefit Agreement with the Tl'cho Government and assumptions regarding the capital and maintenance costs of the SMPP, the production from the SMPP, the number of employees to be employed at the SMPP and the wages expected to be paid to such employees and the impact of the SMPP on the environment. However, such forward-looking information is subject to a variety of risks and uncertainties and other factors that could cause actual events or results to differ materially from those projected in the forward-looking information. These factors include the inherent risks involved in the exploration and development of mineral properties, the risk that the Company may not be able to arrange the necessary financing to construct and operate the NICO mine or the SMPP, uncertainties with respect to the receipt or timing of required permits for the development of the NICO project or the SMPP, the risk that the Company may not be able to negotiate an Impact and Benefit Agreement with the Tl'cho Government, the possibility of delays in the commencement of production from the NICO project or construction of the SMPP, the risk of capital or maintenance cost overruns, the risk that the Company may not be able to source materials for the SMPP from other projects, the risk that the environmental impact of the SMPP may be greater than anticipated and other factors. Readers are cautioned to not place undue reliance on forward-looking information because it is possible that predictions, forecasts, projections and other forms of forward-looking information will not be achieved by the Company. The forward-looking information contained herein is made as of the date hereof and the Company assumes no responsibility to update or revise it to reflect new events or circumstances, except as required by law. The disclosure of scientific and technical information contained in this document has been approved by Robin Goad, M.Sc., P.Geo., President and CEO of the Company, who is a "qualified person" under National Instrument 43-101.



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