WATER QUALITY & ENVIRONMENTAL EFFECTS

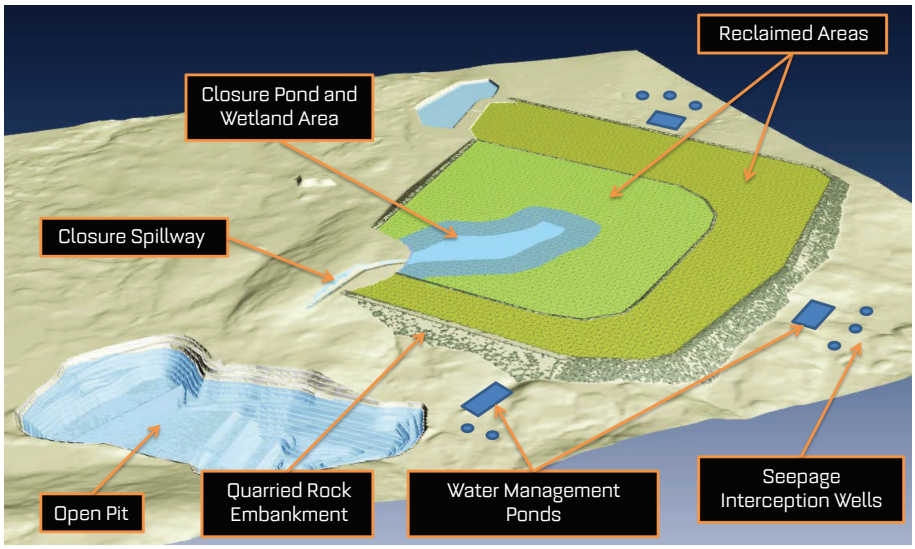
We will collect and direct all mine contact water in the tailings storage facility for use in the ore processing plant. Diversion ditches around the tailings storage facility will either divert rainwater away from the project area or capture the embankment runoff and seepage and recycle it back to the tailings storage facility.

The Sisson Project will begin to release treated water to Sisson Brook after approximately Year 8 of operations. A water treatment plant is included in the project design and water released into the environment will meet both water quality discharge permit requirements and receiving water quality objectives established by provincial regulators.

Also, a program for monitoring downstream water quality and aquatic ecology will be initiated allowing for the implementation of additional mitigation measures if required.

When the mine closes, runoff and water in the tailings storage facility that is not required to keep tailings submerged will be routed to the open pit which will fill in about 12 years. Water from the filled pit will be treated before discharge, as necessary, for as long as required to meet permit requirements.

Atlantic salmon using Napadogan Brook will be protected like all fish species through planned habitat compensation, and by managing the quantity and quality of water leaving the project site in order to protect the health of the aquatic environment.



↖ Schematic of Site at Closure

THE SISSON PARTNERSHIP

Community Office 47 Avonlea Court, Fredericton, NB E3C 1N8 Tel: 506.455.0530 Fax: 506.455.0533 SISSONPARTNERSHIP.COM
Head Office 15th Floor - 1040 West Georgia Street, Vancouver, BC V6E 4H1 Tel: 604.684.6365 Fax: 604.684.8092 TF: 1.800.667.2114