



Camp and Recreation Facilities
McClellan Lake, Saskatchewan

NORTHERN LINK Winter 2019

Orano Canada's Update on Operations, Projects and Community Involvement

PREPARING FOR THE FUTURE: *THE JEB TMF EXPANSION*

To plan for the future and ensure we continue to have a facility available to place tailings generated at the McClellan Lake Mill, Orano intends to further expand the JEB Tailings Management Facility (TMF) by increasing the vertical embankment around the entire pit perimeter. The natural ground in the area is sloped - not even - so the pit wall is higher on one side than the other, with the low side of the pit being 14 meters lower than the high side. In order to utilize the existing pit an embankment needs to be constructed to make the pit perimeter an even height all the way around. This construction activity will extend the life of the McClellan Lake Operation and provide the ability to place an additional 2.2 million cubic meters of tailings within the existing footprint. Utilizing the existing TMF footprint minimizes environmental disturbance and allows for the continued safe operation of this existing facility.

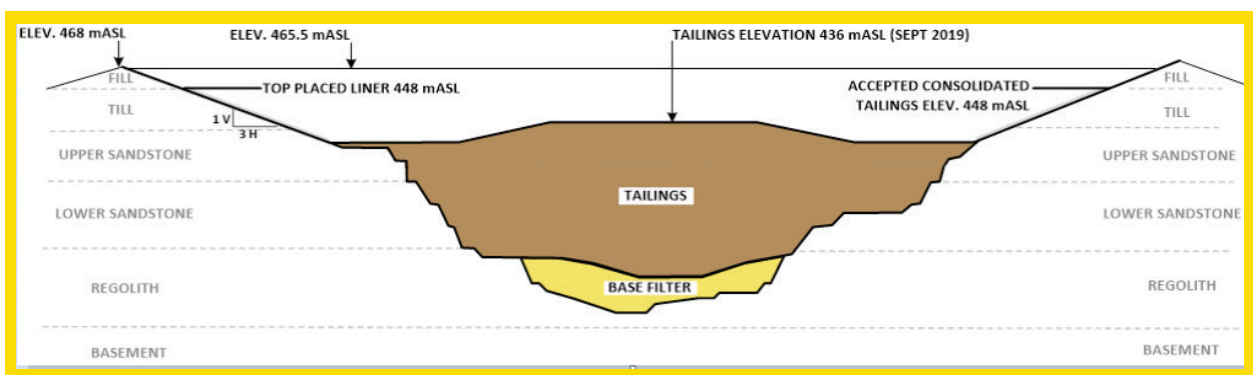
Most importantly, this method ensures the long term stability of the facility, once it is decommissioned and there are no longer workers on site. The tailings will consolidate to a height that corresponds to the natural high side of the pit. The consolidated tailings are fairly dense and not free-flowing. Further, the top of the pit will be pushed in, reducing the height of the embankment, and a cover will be placed over top of the tailings and trees planted so it will blend into the natural surrounding.

Orano has considered numerous aspects and outcomes of this project including potential environmental effects.

Previous meetings with stakeholders identified the following aspects as important to them. This feedback was taken into account:

1. Surface Water – water quality is predicted to be below provincial guidelines
2. Ground Water – no impacts predicted
3. Landscape and Wildlife – no increase to footprint; the project remains within previously disturbed area; waterfowl deterrents will continue to be used during operations
4. Stability of the embankment

Orano has submitted to the Canadian Nuclear Safety Commission (CNSC) a notification of change including a project description describing details of the project and the numerous studies conducted to ensure the project is safe and protective of the environment, our workers and the public. The studies included embankment stability tests to assess the potential environmental impact in the unlikely event of an embankment failure. The potential impact has been assessed as minimal and limited to the nearby water bodies and not permanent. It is expected that CNSC staff will conduct a technical review. As part of the construction approval process, Orano will later submit the project description to the Saskatchewan Ministry of Environment for construction approval. Orano is committed to continue to engage with interested stakeholders during the regulatory approval process.





EXPLORATION: *GEARING UP FOR THE WINTER CAMPAIGN*



Orano will be operating exploration programs on several projects in northern Saskatchewan during the 2019-2020 winter. The contracts tendering process for this upcoming winter season is now underway.

In the western Athabasca region, south of the former Cluff Lake mine site and west of Highway 955, crews will perform diamond drilling and geophysics work at the Alexandra and Nikita projects. At the Preston Lake project, located south of the Athabasca Basin and centered with Highway 955, Orano's teams will undertake a geophysical program. These projects will be run out of field based exploration camps.

In the eastern Athabasca drilling programs are planned for five projects including the Martin Lake and Getty Russell projects in the Key Lake mine area and the Close Lake, Waterbury/Cigar Lake and Waterbury-UEM projects in the Cigar Lake-Points North Landing area. Orano also plans to perform ground geophysics and line cutting work at four of the projects - excluding Martin Lake. For these projects, a combination of camps will be used such as field based camps, nearby mine sites and Points North Landing facilities.

CHRISTMAS IN THE ATHABASCA BASIN: *2019 SANTA TOUR*

Orano is pleased to once again partner with West Wind Aviation, Cameco Corporation, Athabasca Basin Development, Points Athabasca Contracting, Team Drilling, Flyer Electric, Athabasca Basin Security, Al's Place, World Fuel and the Prince Albert Grand Council to help Santa deliver gifts to 1,266 Athabasca Basin school children and attend their Christmas concerts.

Representatives of the companies will be in the various schools on the following dates:

- Black Lake's Father Porte School - Dec. 12
- Fond-du-Lac's Father Gamache Memorial School - Dec. 12
- Wollaston Lake's Father Megret High School - Dec. 16/17
- Stony Rapids' Community School - Dec. 18
- Uranium City's Ben McIntyre School - Dec. 19

"I've participated in this tour for many years, and it is a highlight of the season for me. Seeing the pride of the parents and watching the kids perform is truly priceless," said Glenn Lafleur, Orano's Northern Affairs Manager. "I am proud to represent Orano as a sponsor of this community event again this year."

WELCOME JUSTIN MERCREDI!



We are pleased to announce that Justin Mercredi is Orano and Cameco Corp.'s new Community Liaison in Fond-du-Lac. If you are in his region and have questions about our training and employment opportunities, please to contact Justin.

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