



# Little Salmon Carmacks First Nation

**Together today for our children tomorrow.**

Mount Nansen Remediation Project community Meeting

Questions/Answers in Meeting

April 6, 2023

Heritage Hall, LSCFN Carmacks

5-8pm

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*Questions are from LSCFN citizens and Answers are from the Mount Nansen Remediation Limited Partnership (MNRLP).*

Q. What other minerals, metals does the Water Treatment Plant on site NOT treat?

A. Selenium, Sulphate

Q. Are the tailings pond fenced off from wildlife?

A. We don't see big wildlife around in in the pond but we do see some birds using it and landing in it.

Q. Is there anything that can be passed on from animal to animal, like contaminants?

A. There are no biohazards that can be passed along; we are unaware of other contaminants that can be passed along.

Q. What type of heavy metals are in the tailings facility, is there mercury?

A. No, there is no mercury. There is cadmium, lots of arsenic, there is manganese.

Q. What is the life span of the cover over the pit?

A. About 50 -100 years. It will require maintenance as we install it, and routine monitoring to make sure it is working properly. We want to make sure cover does not break and that it keeps water out. The cover may have to be replaced in 100 years.

Q. Is the water safe to drink, the water in Dome Creek? Can I drink the water ( LSCFN youth [REDACTED] )

A. We get our water from the Victoria Creek well. Victoria Creek is good to drink, Dome Creek is not. Any areas that are mined or are suitable for mining generally have high mineral content. We want to find out from you what it means to protect human health. That is one of the overall remediation objectives, to protect human health. Does that mean the water in Dome Creek is safe for human consumption?

Q. How long will it take for us to go to Dome Creek and drink the water? When will it be safe?

A. We monitor Victoria Creek near Dome Creek monthly. We aren't sure when Dome Creek will be safe to drink, we will get back to you on that questions.

Q. Will Dome Creek affect further downstream to the Nisling River? Is there monitoring there?

A. No, we don't think the Nisling will be affected and we do not sample there.

Q. What chemicals are used in the Water Treatment Plant?

A. Ferric Sulphate, Lime, Flocculant, acid to adjust pH.

Q. How long does it take for chemicals to come out of the water?

A. answer unclear

Q. What is the permitting timeline?

A. We are about 7 years away before we see improvements on the site.

Q. Has this plan for remediation been used before and what is the success rate?

A. All the concepts for this site have been utilized at other sites. The cover that is being used has been used at many other sites. We will be putting the demolition waste from

the mill into pit, as well as the tailings and there are some case studies that show this works. However, some concepts have worked while others have not. At this preliminary design phase we feel it will work.

Q. Will we be able to see the YESSA report?

A. Yes, it will be public and you can view it online. Now is the time to put your comments in and you can do that by calling the YESAA office, or submitting online, or meeting with the LSCFN staff ( [REDACTED] and [REDACTED] ).

Q. Will the project deal with permafrost as it is melting on site, and in particular will it be dealt with around the pit?

A. Part of the goal for site is to improve the conditions to limit the amount of permafrost melt. There is permafrost under the tailings facility, so we want to remove the TSF to remove the risk of permafrost.

Q. What are the long term liabilities of the site? What happens after 100 years?

A. We hope that the liability is low and we are trying to take care of all the issues. We are hoping that there will be no need to treat water and run a water treatment plant forever, or for long periods of time.

Q. Can you add more chemicals to the water to reduce other minerals/chemicals/contaminants in the water?

A. If we were to treat for Sulphate, we would need to add a different process to the WTP. The WTP has been designed to a certain criteria. We are open to discussing other treatment options needs with LSCFN.

Q. In other mines, they test staff for drugs, and there is mandatory drug testing. Will that or does that happen here?

A. At the time of hire, people have to submit a drug test.

Q. Is the training happening right now? Is Yukon University doing the training? Are you?

A. We have on job training happening, and we have trained [REDACTED] to be a WTP operator. We know that there is a great need for skilled labour, and we are open to training opportunities. We will support as much as we can.

Q. Once someone is done their training, can they get certified and get work somewhere else in Yukon or Canada?

A. If there is an individual that wants training and wants to gain certification, say as an electrician, heavy equipment operator, first aid, etc. let us know and we will support them. There are terms in the Project Benefits Agreement that we have with LSCFN that will support that training. We just need to find people. We need surveyors, so if there are citizens interested in that training, we can help them. People can do their classroom sessions during the winter ( off season) and then get practical experience on site ( spring summer/fall).