

2025 Blue Mountain Open House August 23rd, 2025

Dan Lyon introduced himself and welcomed all of the guests to our 2025 Open House event.

Dan introduced all staff that were present and what their roles are at the facility.

Dan then started the presentation- presentation attached.

Question and answer period throughout the presentation and following the presentation.

Q&A

1. Any idea why the deposits of nepheline are so rare in the world and is there some geological reason?

- Mike does not know why because not many deposits have been found

2. Are there any byproducts from the process?

- 100 ton into the plant 30 tons to tailings of dust and magnetic waste. Sodium potassium can be used as cement, there is active work to start using it as a potentizing product

3. What were they looking for in 1884?

- Not 100% sure but believe it was iron ore

4. What's the dryer used for?

- Minimal energy used. 1.1 tons of fuel to dry. Used to remove moisture from the rock

5. Used to hear the siren and see the blue smoke why this not happen anymore?

- The company worked hard to reduce the sound footprint. The same pit and footprint since the 80's and its deeper in the ground and there is still a bloom of dust but it doesn't leave the pit

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6. Is the dust silica?

- Nepheline Syenite is a nuisance dust only.

7. How deep is the pit, have you hit water and need to use pumps?

- The main pit is 400ft deep
- Yes, we have a permit to remove water to keep the water level manageable. If it wasn't pumped the water would be at 890 but is currently at 700.

Where is the water pumped to?

- It is pumped out to Devils lake after the water has been settled and the water is tested weekly to ensure no sediment goes into the lake.

8. Has Mr. Trump caused any issues with the tariffs?

- For 2 days in February it caused headache but we are operating under US rules.

9. Have you ever had a break in the damn?

- Some seeps but no breakage. Some internal damns break but the water stays on the damn.
- If the damn broke where would the water, go- the water would go to the misa- not directly into Kosh not sure where it would go- very low risk to break annual damn safety inspection- daily testing. Process is chemical free. No other process then water to mercury or syenite

10. What does NSO stand for

- Nepheline Syenite Ore

11. What's the companies revenue?

- Private company and shouldn't share the information. Revenue isn't what it used to be. 6-8 times the amount of sand. Costs a lot more to process because of electricity. Product is a lot more valuable.
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12. How many employees here?

- 190- 104 steelworks 44 UNIFOR 43 staff.

13. Noticed in the list of organization that first nations the duty to consult is ignored- why haven't we seen that so far

- Not trying to dodge the question that would be a question for Cale- Dan will follow up