



AER Update on Imperial Kearl: February 1 – 8, 2024

Hello everyone,

I hope you have had a good week.

Today's update is slightly longer than normal as I want to provide you with some high-level details around the AER's work to implement the Deloitte third-party review recommendations.

As you know, in September, the AER's board of directors published Deloitte's third-party review of our response to the Imperial Kearl incident. The report contained 27 recommendations to clarify and evolve our processes, including streamlining the AER's system for incident and emergency management.

The AER has created a project team to implement the recommendations which have been broken down into four focus areas:

1. Incident & Emergency Response
2. Compliance & Enforcement
3. Engagement & Communications
4. Oil Sands Oversight

We are working diligently to implement these and will ensure that we provide updates on at least a quarterly basis via the community updates. As a reminder, these updates are posted each week to our website and can be [found here](#). If you aren't already, please follow us on [LinkedIn](#), [Twitter](#), and/or [Facebook](#).

We are currently engaging with Indigenous communities in the northeast and the Regional Municipality of Wood Buffalo, to gather input on our communication and notification process. If you would like to participate in this exercise, please contact me.

If you have any questions, please don't hesitate to reach out.

AER Highlights

- NODA, WETA, DP,4 and WB3 areas were inspected by the AER on February 6
- The next inspection is February 14
- AER SMEs are currently reviewing the following documents:
 - Groundwater Delineation
 - Update to the Source Control and Containment Plan
 - Conceptual Site Model Interim Report

North Overburden Disposal Area (NODA)

- Design work adding secondary containment berms as an additional safeguard is complete
 - Submission for approval will be submitted soon

West External Tailings Area (WETA)

- Design work to add a small secondary containment berm as an additional safeguard for spring freshet is complete

- Submission for approval will be submitted soon.
- Improvements to the water level sensors are complete and they are functioning properly

Drainage Pond 4 (DP4)

- One Gabion basket repair was completed during the recent period of warmer weather

Water Body 3 (WB3)

- Routine maintenance of the wellpoint system was completed on January 30
- Inspection completed on parts of the wellpoint system

2023 Winter Drilling Programs

- There are currently 244 locations planned as part of the EPO winter drilling scope
- To-date, 99 of the planned 213 EPO monitoring wells have been completed, and 4 of 31 planned External Tailings Area (ETA-SIS Seepage Interception System pumping wells) have been completed
- 49 monitoring wells have been developed and sampled with three wells being dry
- Well development personnel and equipment mobilized for developing all new wells deeper than 50m
- Hydraulic conductivity tests have been completed on 35 wells

Fish and Wildlife

- No updates

Monitoring & Sampling

- Seep locations checks are ongoing
- Inspections and sampling of seeps with water present are ongoing