



AER Update on Imperial Kearn: June 6 – June 13, 2024

Hello everyone,

We hope you had a good week.

Please find the latest information regarding the Alberta Energy Regulator's continued regulatory oversight of Imperial under the terms of the environmental protection order.

As mentioned previously, third-party sampling of surface water and groundwater on behalf of AER was conducted on May 8 and 9. The results have been reviewed by subject matter experts on our team and show that the water quality remains stable and consistent with past sampling results from 2023. The results have been posted on aer.ca.

If you have any questions, please reach out.

AER Highlights

- NODA, WETA, DP4 and WB3 areas were inspected by the AER on June 12
- The AER's next planned site inspection is June 20
- SMEs are currently reviewing the following documents and Imperial's responses to supplemental information requests (SIRs) from the AER:
 - Update to the Source Control and Containment Plan – Imperial presented initial findings to the AER on June 3
 - Conceptual Site Model Interim Report – report accepted by the AER

North Overburden Disposal Area (NODA)

- Berm crest improvement completed as a minor additional mitigation measure

West External Tailings Area (WETA)

- The Sump discharge pump was replaced due to failure; Imperial did not note any delays or pond level issues.
- Amphibian fence gaps have been repaired

Drainage Pond 4 (DP4)

- Wildlife fence has been installed at monitoring wells

Water Body 3 (WB3)

- Sump pump installed in wet well
- Wellpoint vacuum system had routine maintenance performed

Monitoring & Sampling

- Checks at seep locations are ongoing by Imperial
- Inspections and sampling of seeps where water is present are ongoing by Imperial
- Drive point (wells) sampling program happening from June 3 to June 17

Fish and Wildlife

- Imperial's weekly inspections of fenced wildlife areas are ongoing
- On June 7, the AER deferred a decision on a request from Imperial to cancel its fish salvage program at WB3

- Before deciding, the AER will review the analysis from additional testing for fish health, Imperial's updated source control and containment plan, and site-specific risk assessment.
- Imperial continues working with EPA, DFO and communities regarding its fish salvage program
- A continuation of the 2023 fish sampling program will commence in July 2024