

Thursday 26 August 2021

BEYONDIE SOP PROJECT - COMMISSIONING UPDATE

Commissioning activities for the Beyondie SOP Project are continuing, with completed plant modules progressively handed over by the construction contractor in accordance with the agreed commissioning plan.

Key commissioning milestones include:

- Hydro and vacuum tests on cooling crystalliser successfully complete
- Hydro testing through flotation successfully complete
- Water commissioning of process loop circuits underway - fire, raw, gland, potable and process water headers successfully commissioned
- The gas power station now operating continuously, with all switchrooms and transformers energised
- Harvesting of potassium salts continues on schedule
- Construction activities and parallel commissioning activities remain within the capital expenditure budget
- Several key equipment vendors attending site to support commissioning activities

“Commissioning activities at the Beyondie SOP Project are continuing as planned, with all switchrooms and transformers energised. Water commissioning is also underway across several different areas of the plant.”

“As harvesting activities continue, the potassium salt stockpile on the ROM pad is growing with ‘on-spec’ plant feed salts in preparation for salt commissioning and first production.”

Rudolph van Niekerk - Chief Executive Officer



ROM Stockpile and SOP Purification Plant – Viewed from the West

Commissioning Progress

SOP purification plant highlights include commencement of water commissioning of key vessels and process piping loop circuits, with successful completion of hydro testing on the cooling crystalliser and flotation circuits. Vacuum testing on the cooling crystalliser has also been successfully completed while insulation of the cooling crystalliser and conditioning vessels continues.

The gas power station is now operating continuously, ensuring that sufficient power is available for all commissioning requirements moving forward. All high voltage equipment on site has been energised, substantially de-risking the Project.

Instrumentation commissioning is progressing in the crushing, flotation and crystallisation areas, with trial running of the plant feed conveyor completed successfully.



ROM Stockpile and SOP Purification Plant – Viewed from the North



ROM Stockpile and SOP Purification Plant – Viewed from the East



Flotation Circuit (inset shows inside of cell)



Flotation Circuit Pump Station



Steam Boiler



Engineering Control Room



Scoenite Reactor



Centrifuges

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*** ENDS ***

This announcement was approved and authorised for release by the Chief Executive Officer of Kalium Lakes Limited.

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