



## GREENBUSHES LITHIUM OPERATION SITE BULLETIN – OCTOBER 2024

---

### **Corporate**

#### **Dam Embankment Raises**

Further to our previous update in the Bulletin and Greenbushes-Balingup Newsletter, Talison Lithium Pty Ltd (**Talison, Company**) is proposing to raise the embankments of both Southampton and Austins Dams to increase water storage capacity for the Greenbushes Lithium Operation (**Mine, Site**) and decrease the risk of dam overflows and seepage.

The project was advertised for public comment on the Department of Climate Change, Energy, the Environment and Water (**DCEEW**) website. The public comment period for this aspect of the project has closed, but there will be further opportunities for public comment as the project is progressed through the Approvals Process.

It is likely the project will require a realignment of a section of Spring Gully Road east of Schwenke's Dam and some clearing of the forest in areas near the current Mine dams and road reserve. Preliminary designs are being drafted. Once available this information will be shared with the community.

#### **Noise Bund**

Talison is progressing with construction of an extended noise bund to the South of Greenbushes within the Mine Development Envelope (**MDE**). The noise bund is a proactive measure to reduce noise impacts on Greenbushes residents from the mining and processing operations, in particular the new Chemical Grade Processing Plant #3 (**CGP3**), which is currently under construction.

The ground works commenced in October and work to deposit the rock base for the bund will commence soon. The work will be restricted to day-time hours commencing at 08:00am. This project is expected to take several months to complete.

#### **Rehabilitation Materials Stockpiles (RMS).**

Talison has approval to establish a rehabilitation stockpile area off Forest Park Avenue to store valuable topsoil for future rehabilitation projects.

The project will require some roadworks on Forest Park Avenue to create a crossing point for Mine trucks to transport the rehabilitation materials from an area to the north of Forest Park Avenue to the new location south of Forest Park Avenue. Work to establish the crossing point is expected to commence before Christmas.

Other work associated with the project includes creating a haul road on Talison owned property north of the Forest Park Avenue.

For further information on any of these projects please contact the Talison Community Team on (08) 97825700 or email [GBContact@talisonlithium.com](mailto:GBContact@talisonlithium.com).

### **Safety**

- There were two (2) Occupational Injuries (**OIs**) incurred by the Operations Team during October.



## GREENBUSHES LITHIUM OPERATION SITE BULLETIN – OCTOBER 2024

---

- The Site Occupational Injury Frequency Rate (**OIFR**) was 6.8 at the end of October 2024 compared to 6.2 in October 2023.

### Environment

- Completed the 2024 Annual Ecological Survey. This survey is intended to measure aquatic ecosystem health in the creek systems surrounding the mine. The monitoring, conducted by an independent consultancy, measured water quality, sediment composition, aquatic fauna biodiversity and bioaccumulation of metals at 24 sites both up and downstream of the mine.
- Donated and completed planting of translocated Balga plants at the Geegelup Village and Retirement Home in Bridgetown.
- Commenced topsoil placement ahead of rehabilitation works on the Tailing Storage Facility #2 (**TSF2**) Western batter (facing Maranup Ford Road).
- Completed monitoring commitments for the 2024 year for Talison's ecological offset properties.

### Exploration

- Three (3) core rigs operated during the month:
  - one (1) core rig moved to drill Central Lode from the Numbat ROM pad and did not intersect significant pegmatite;
  - one (1) core rig continued a geotechnical drilling programme targeting the eastern pit design around Kapanga; and
  - one (1) core rig continued a navigational drilling programme targeting the Central Lode from the surface of Tailing Storage Facility #1 (**TSF1**) and intersected pegmatite with spodumene.

### Mining

- Total mining movement was 1.66 million bank cubic metres (**Mbcm**), however, was below Forecast primarily due to low personnel levels in the Load and Haul Team (sickness) and occasional lower availability of the trucks (chassis cracks, tyres) and excavators (bucket repairs/changes and calibration).
- The mining rate in October was 22% above September's result and the last week of October showed mining achieved above 1.73Mbcm/month rate.
- The open pit achieved a record daily mined volume of 63,317bcm.
- Mobilisation of the temporary fifth excavator fleet started with four (4) CAT 785 trucks and a CAT D10 dozer arriving on Site. Another Hitachi EX2600 excavator will arrive in November, the fifth 785 truck will arrive in December and a larger grader will arrive in January 2025.
- Macmahon's people and equipment started arriving on Site for the planned six (6) month long Summer Roads Campaign. The equipment included a high precision GPS assisted grader, small water truck for spreading dust suppression additives and 17 tonne (**t**) road roller. Still to come in November are a CAT D9 dozer and 40t articulated truck.



## GREENBUSHES LITHIUM OPERATION SITE BULLETIN – OCTOBER 2024

---

- The main focus for the month was hard rock waste mining, particularly in Cutback 17 (**CB17**). Cutback 18 (**CB18**) was progressed to help provide a fifth working area to improve output. The backup EX2600 excavator is being used as a fifth production excavator whenever dig faces are available to ensure all the truck fleet is being utilised.

### Processing

- It is rare that all four (4) processing plants have an excellent production month at the same time, but this was the case in October. Production was 20% above the Forecast, which was a great result for the processing teams, not so good for the shipping teams who had to find a way to truck all the extra production.
- Three (4) bulk shipments were dispatched during October, almost 90,000t for the month, and all within specification.

### Personnel

- The Talison Team welcomed the following new employees to the Site during October:
  - **Approvals** – Amanda Garland (Approvals & Compliance Specialist);
  - **Infrastructure** – Eve Oliver (Water Treatment Plant Operator);
  - **Maintenance** – Nathan Sommerville (Mechanical Tradesperson), Steven Elliot (Maintenance Engineer), Sophie Eddie (Technical Writer) and Aharon Cunta (Electrical Reliability Engineer) and Alfonso Robayo Jaramillo (Reliability Engineer);
  - **Mining** – Bonnie Martin (Open Pit Mine Controller), Carmelita Tabuchi-Muap (Mining Contracts Advisor) and Edward Havlat (Exploration Project Geologist);
  - **Production** – Stephen Waller (Senior Technical Writer), Otis Moyo (Plant Metallurgist) and Luke Gaillard, Nathan Kneale, Peter Mason and Kieren Turner (Process Operators); and
  - **Work Health and Safety** – Adam Celiker (Emergency Services Officer).

### Projects

- **CGP3:**
  - the CGP3 Structural, Mechanical, Piping, Electrical and Instrumentation (**SMPE&I**) contractor has advanced construction in the dry-plant with steady progress achieved in the wet plant with all buildings underway. Progress to date includes:
    - 2,250t of steelwork installed;
    - 4,900 metres (**m**) of process pipework installed;
    - 55,000m of electrical cable installed; and
    - 415 mechanical equipment items installed;
  - all procurement packages have been effectively awarded;
  - commissioning offices have been delivered and will be complexed for occupation by next month;



## GREENBUSHES LITHIUM OPERATION SITE BULLETIN – OCTOBER 2024

---

- Pre-commissioning team is being assembled with early field verification commenced during the month. Operations readiness is also underway, with impending recruitment of additional CGP3 operations staff; and
- Project trajectory is now tracking for Q3/25 completion.
- **Caladenia Village:**
  - Caladenia Village expansion works have now been completed for the additional 250 rooms, with rooms now ready for occupation. The final village now caters for 750 people in Single Person Quarter (**SPQ**) rooms across Greenbushes staff and contractors;
  - a cellular communications tower has been commissioned and is providing expanded Telstra signal to residents in the area; and
  - further works are planned to improve the entry lighting and Y-intersection at Maranup Ford Road to improved traffic flow and safety for all road users. These improvement works are expected to be completed by December 2024.

### **Community**

- **Events:**
  - 01 October 2024 - Balga translocation Donnybrook District High School attended by Glen Mountford (Rehabilitation Officer);
  - 03 October 2024 - Grow Greenbushes monthly meeting attended by Bruce Vernon (Manager - Sustainability, Environment and Community Relations), Leonie Letchford (Personal Assistant to General Manager), Debbie Walsh (Senior Community Relations Advisor);
  - 04 October 2024 - Bridgetown-Greenbushes Shire Council monthly meeting attended by Craig Dawson (General Manager – Operations), Bruce Vernon (Manager – Sustainability, Environment & Community Relations) and Debbie Walsh (Senior Community Relations Advisor);
  - 04 October 2024 - Greenbushes Discovery Centre Trainee Volunteer Session attended by Jacob Duncan (Dewatering Trainee) and Sophie Scott (Projects Trainee);
  - 05 October 2024 – Talison Open Day attended by sixty two (62) Talison staff;
  - 09 October 2024 – Bridgetown Landcare Group ‘Wildlife in the Home Paddock Wildflower Walk’ attended by Debbie Walsh (Senior Community Relations Advisor), Mitchell Wheatley (Community Relations Officer) and Kathleen Holdsworth (Community Relations Officer);
  - 10 October 2024 - Shire of Bridgetown-Greenbushes Community Planting at Bridgetown Visitors Centre attended by Reghan Timmins (Senior Rehabilitation & Biosecurity Advisor), Mitchell Wheatley (Community Relations Officer), Glen Mountford (Rehabilitation Officer), Warren Boggs (Environmental Administrator), Kathleen Holdsworth (Community Relations Officer), Caitlyn Wheatley (Environmental Technician – Monitoring) and Emily Karafilis (Laboratory Trainee);
  - 11 October 2024 - Greenbushes Discovery Centre Trainee Volunteer Session attended by Crystal Maw (Administration Trainee) and Isabella Verbrugge (Maintenance Trainee);



## GREENBUSHES LITHIUM OPERATION SITE BULLETIN – OCTOBER 2024

---

- 14 October 2024 – Education Department Regional Directors Meeting attended by Bruce Vernon (Manager - Sustainability, Environment & Community Relations) and Debbie Walsh (Senior Community Relations Advisor);
- 15 October 2024 – Mystery Tour of Life Roadwise Educational Program attended by Callum Dale (Emergency Service Officer);
- 15 October 2024 – Greenbushes Community Resource Centre monthly meeting attended by Alan Matthysen (Manager – Infrastructure Site Services), Paul Sheppard (Manager – Maintenance), Debbie Walsh (Senior Community Relations Advisor) and Jolene Matthysen (Customer Service Officer – Stores);
- 15 October 2024 – North Greenbushes Rail Information Update attended by Ian McGuire (General Manager - Project Development & Strategy), Debbie Walsh (Senior Community Relations Advisor) and Kathleen Holdsworth (Community Relations Officer);
- 18 October 2024 - Greenbushes Discovery Centre Trainee Volunteer Session attended by Keeta Willenbrecht (People & Culture);
- 19 October 2024 – Greenbushes CWA Belles Centenary Celebration Mosaic Launch attended by Paul Sheppard (Manager - Maintenance);
- 24 October 2024 – Warren Blackwood Districts Schools VEX Robotics Competition attended by Mitchell Wheatley (Community Relations Officer);
- 25 October 2024 - Greenbushes Discovery Centre Trainee Volunteer Session attended by Danni Hazlewood (People and Culture Trainee) and Isabella Verbrugge (Maintenance Trainee);
- 29 October 2024 – Blackwood Youth Action partnership meeting attended by Debbie Walsh (Senior Community Relations Advisor) and Mitchell Wheatley (Community Relations Officer);
- 30-31 October 2024- Geegeelup Village Balga translocation attended by Glen Mountford (Rehabilitation Officer); and
- 31 October 2024 – Community visit attended by Debbie Walsh (Senior Community Relations Advisor).
- **Tours:**
  - 5 October 2024 – Talison Open Day tours attended by Craig Dawson (General Manager – Operations), Nicholas Sibbel (Manager - Approvals & Compliance), Ian McGuire (General Manager - Project Development & Strategy), Bruce Vernon (Manager - Sustainability, Environment & Community Relations), Guy Meade (Manager Production), Andrew Payne (Superintendent Mine Planning), Jay Diemert (Superintendent Mine Planning), Martin McLaughlin (Senior Safety Advisor – Mining) and Stephen Mazza (Senior Mine Planning Engineer); and
  - 16 October 2024 – Albany Probus site visit attended by Craig Dawson (General Manager – Operations), Jay Diemert (Mine Planning Superintendent), Mitchell Wheatley (Community Relations Officer) and Kathleen Holdsworth (Community Relations Officer).
- **Donations:**
  - Bridgetown Hub - Christmas Lunch;



## GREENBUSHES LITHIUM OPERATION SITE BULLETIN – OCTOBER 2024

---

- Balingup Small Farm Field Day;
  - Boyanup Bowling Club - Shade cloth with Talison logo;
  - Lamp Inc – Charity Golf Day;
  - Bridgetown Greenbushes Suicide Prevention Network – Screening of “Just a Farmer” film;
  - Greenbushes RSL - Advertising;
  - Boyup Brook Bowling Club – Annual sign sponsorship;
  - Greenbushes Primary School - End of year awards;
  - Bridgetown High School - End of year awards;
  - Bridgetown Basketball Association - Annual Signage sponsorship;
  - Bridgetown Netball Association - Annual Signage sponsorship;
  - CWA Greenbushes Belles Balga (in-kind); and
  - Shire of Bridgetown-Greenbushes -Salvage Blackbutt Timber (in-kind).
- **Public Mine Lookout:**
    - There were 1,027 visitors to the Lookout during October.

Community can contact Talison for information or to give feedback via email on [GBContact@talisonlithium.com](mailto:GBContact@talisonlithium.com) or 9782 5796.