

Environmental Protection Authority

Public record pursuant to s. 39 of the *Environmental Protection Act 1986*

Proposal title: Greenbushes Lithium Mine: Waste Rock Landforms, Salt Water Gully Dam and additional clearing for infrastructure (significant amendment to MS 1111 under s. 40AA).

Proposal location: The mine is located in the South West region of Western Australia, immediately south of the town of Greenbushes, approximately 250 km south east of Perth, Western Australia.

Environment Online number: APP-0028619

Date referral received: 17-04-2025

Date more information received: 25-04-2025

Referrer and Proponent: Talison Lithium Australia Pty Ltd (ACN 140 122 078)

Potential significant effects:

There are potential impacts on: flora and vegetation from the clearing of up to 541 ha of native vegetation (State Forest), potential increase in weeds and disease; conservation significant terrestrial fauna (including Matters of National Environmental Significance and aquatic fauna) from the clearing, modification of habitat and from direct collision; terrestrial environmental quality from clearing with potential increased dryland salinity, modifications to landforms and potential impacts to local waterways; inland waters from changes to landforms and water regimes, reduced flows impacting riparian vegetation, groundwater dependent vegetation and aquatic ecosystems, surface water runoff and seepage discharge into local waterways with potential increased pollution, sedimentation and bioaccumulation of contaminants; air quality from increased emissions to air from operational dust generation and burning of fossil fuels with potential impacts to public health; climate from greenhouse gas emissions; and social surroundings from construction and operation noise, dust, light, vibration, traffic and permanent changes to visual amenity, pressures on local services and accommodation, and potential for impacts to European Heritage Sites of local significance and Aboriginal Cultural Heritage values.

Preliminary key environmental factors: flora and vegetation, terrestrial environmental quality, terrestrial fauna, inland waters, air quality, greenhouse gas emissions, social surroundings

Public comment on referral information:

Do not assess:	17
Assess: a) Referral information	4
b) Environmental review - no public review	2
c) Public environmental review	336
Other general comments	5
Total submissions:	364

Decision: s. 38G(1) – Assess

Level of assessment:

Public Environmental Review, as required under s.40(2)(b) of the *Environmental Protection Act 1986*

Other details

EPA-prepared Environmental Scoping Document

Public review period for Environmental Review Document (8 weeks)

Explanation of decision:

Several preliminary key environmental factors are complex. Meaningful consultation with all stakeholders is required. Detailed assessment is required to determine the extent of the proposal's direct, indirect and cumulative impacts, and whether the EPA environmental factor objectives can be met.

Appeals: Decision is not appealable.

A handwritten signature in black ink, appearing to read 'D. Walsh', with a stylized, cursive script.

Mr. Darren Walsh

CHAIR

Delegate of the Environmental Protection Authority

Date: 15/05/2025