



Annual Audit Compliance Report Form

Environmental Protection Act 1986, Part V Division 3

Once completed, please submit this form either via email to info@dwer.wa.gov.au, or to the below postal address:

Department of Water and Environmental Regulation
Locked Bag 10
Joondalup DC WA 6919

Section A – Licence details			
Licence number:	L8469/2010/2	Licence file number:	DER2014/001110-1
Licence holder name:	Galaxy Lithium Australia Limited		
Trading as:	Allkem Ltd		
ACN:	130 182 099		
Registered business address:	Level 4, 21 Kintail Road, APPLECROSS WA 6953		
Reporting period:	01/09/2021 to 31 / 12 /2022		

Section B – Statement of compliance with licence conditions
Did you comply with all of your licence conditions during the reporting period? (please tick the appropriate box)
<input type="checkbox"/> Yes – please complete: <ul style="list-style-type: none">• section C;• section D (if required); and• sign the declaration in Section F.
<input checked="" type="checkbox"/> No – please complete: <ul style="list-style-type: none">• section C;• section D (if required);• section E; and• sign the declaration in Section F.

Section C – Statement of actual production	
Provide the actual production quantity for this reporting period. Supporting documentation is to be attached.	
Prescribed premises category	Actual production quantity
5	2,184,580 tonnes (over a 15 month period)

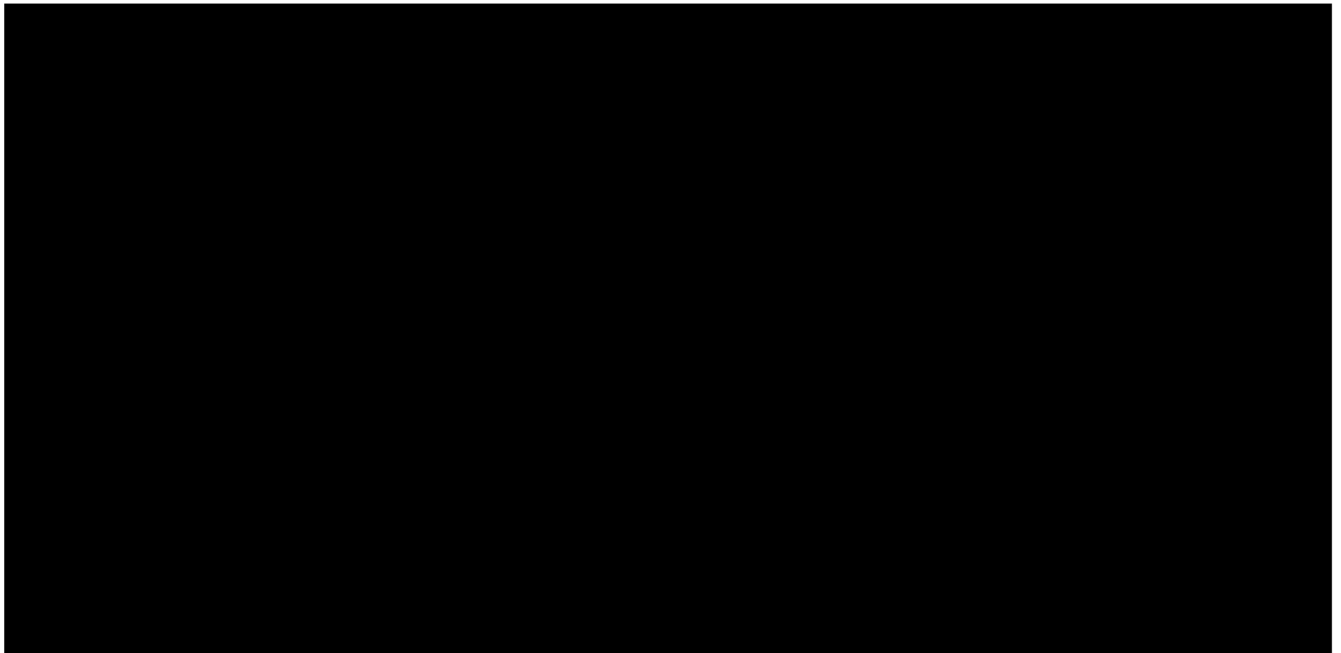
Section D – Statement of actual Part 2 waste discharge quantity	
Provide the actual Part 2 waste discharge quantity for this reporting period. Supporting documentation is to be attached.	
Prescribed premises category	Actual Part 2 waste discharge quantity
5	1,486,074 tonnes (over a 15 month period)

Section E – Details of non-compliance with licence condition			
Please use a separate page for each condition with which the licence holder was non-compliant at a time during the reporting period.			
Condition no:	5.3.1	Date(s) of non-compliance:	26.08.2022
Details of non-compliance:			
During mining activities within the 2NW Pit at the 235RL approximately 300L of hydraulic oil was spilt from Excavator EX22. It was identified that the Spike Hose in the housing had come loose spilling the hydraulic oil which was confined within the 2NW pit. The Excavator was shut down and the spill was contained. Contaminated soil was removed to the Bioremediation Pad			
What was the actual (or suspected) environmental impact of the non-compliance?			
NOTE – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.			
As the hydrocarbon spill occurred within the 2NW Pit and the spill was controlled and cleaned up immediately with contaminated soil being removed to the Bioremediation Pad situated on the Waste Rock Landform, the suspected environmental impact is considered negligible.			
Cause (or suspected cause) of non-compliance:			
Spike Hose in the housing of the Excavator had come loose.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
Internal incident investigation to be conducted to determine cause of incident, and appropriate control measures implemented / improvements made. Spill procedure to be transferred to new company template and re-distributed to all staff and contractors. Toolbox talks to be held to ensure all staff and contractors are aware of spill clean-up procedures. Routine maintenance continues to be undertaken to prevent issues wherever possible.			
Was this non-compliance previously reported to DWER?			
<input checked="" type="checkbox"/> Yes, and			
<input type="checkbox"/> Reported to DWER verbally		Date: / /	
<input checked="" type="checkbox"/> Reported to DWER in writing		Date: 31 / 08 / 2022	

Section E – Details of non-compliance with licence condition			
Please use a separate page for each condition with which the licence holder was non-compliant at a time during the reporting period.			
Condition no:	5.3.1	Date(s) of non-compliance:	09.09.2022
Details of non-compliance:			
<p>1) During recent high seasonal rainfall it was identified that the Static Water Level (SWL) of the recently installed MB20 was higher than the ground surface. This natural process has allowed a minor water discharge to be released out of the top of the bore casing, and flowing into the surrounding Agricultural Low Land. There is no native vegetation within the vicinity of this Monitoring Bore and no evidence of water flow into the nearby saline Cattlin Creek. The flow rate was measured at less than 2-3L/minute and the water discharge was sampled reported a pH of 5.7 and EC of 46mS.</p> <p>2) It was also noted during a routine inspection that water flowing from the northern reject stockpile situated adjacent to the decommissioned paddock TSF and nearby area had flowed into Agricultural Dam 1, causing it to overflow. This discharge was not contained and flowed into the road verge of Floater Road, through a culvert and into neighboring agricultural low land. The majority of the water flow had ceased prior to reaching the Cattlin Creek. A limited volume of discharge flowed into a small 5m2 patch of degraded vegetation. This vegetation is covered under a clearing permit and is scheduled to be cleared in the near future as part of the NW pit expansion. The water was sampled and reported a pH of 7.5 and EC of 26mS. Therefore the quality of the discharge water is comparable to the receiving waters previously monitored.</p>			
What was the actual (or suspected) environmental impact of the non-compliance?			
NOTE – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.			
Water samples taken indicate that saline water discharge to the surrounding Agricultural Low Land is comparable to the surrounding receiving waters that have been previously monitored. Therefore limited environmental impact was noted from this non-compliance.			
Cause (or suspected cause) of non-compliance:			
High seasonal rainfall, failure of Agricultural Dam 1 freeboard with overflow outside the prescribed premise boundary.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
Training was provided to personnel regarding the timely monitoring, prevention and reporting of unauthorised water discharge. Inspections of Monitoring Bores and dams are to be undertaken after high rainfall events. Capability of remedial action to maintain overflow within the Prescribed Premise Boundary.			
Was this non-compliance previously reported to DWER?			
<input checked="" type="checkbox"/> Yes, and			
<input type="checkbox"/> Reported to DWER verbally		Date: / /	
<input checked="" type="checkbox"/> Reported to DWER in writing		Date: 09 / 09 / 2022	

Section E – Details of non-compliance with licence condition			
Please use a separate page for each condition with which the licence holder was non-compliant at a time during the reporting period.			
Condition no:	5.3.1	Date(s) of non-compliance:	05.12.2022
Details of non-compliance:			
<p>During a routine inspection of the Mt Cattlin Borefield it was noted that a small leak was occurring through a pin sized hole on the cap of Monitoring Bore WTD29. This minor leak was contained within the pump headworks bund. However between the 3-5th of December the corrosion point opened and the discharge rate increased, discharging saline bore water into the nearby saline Cattlin Creek. Immediately prior to isolating the headworks for manifold replacement, the peak discharge was estimated to be 3-5L/second, however the overall volume of discharge is not quantifiable.</p> <p>Water was sampled from upstream and downstream pools along the Cattlin Creek, with no visible creek flow occurring.</p>			
<p>What was the actual (or suspected) environmental impact of the non-compliance?</p> <p>NOTE – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.</p>			
<p>Water samples taken indicate that saline water discharge to the surrounding Cattlin Creek is comparable to the surrounding receiving waters that have been previously monitored except for the slightly lower pH. Therefore no environmental impact was recorded from this non-compliance.</p>			
Cattlin Creek Upstream	T = 20.3 C	EC = 30.1mS	pH = 7.8
WTD29 – groundwater	T = 19.6 C	EC = 22.0mS	pH = 5.3
Cattlin Creek Downstream	T = 20.3 C	EC = 23.6mS	pH = 7.6
Cause (or suspected cause) of non-compliance:			
Corrosion of galvanized production bore fittings.			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
Above-ground abstraction bore infrastructure, including manifolds, isolation valves, generator / control equipment layout and overall bund design to be reviewed in collaboration with Maintenance Department to evaluate refurbishment options (including replacement of all galvanized components with LDPE/HDPE fittings).			
Was this non-compliance previously reported to DWER?			
<input checked="" type="checkbox"/> Yes, and			
<input type="checkbox"/> Reported to DWER verbally		Date: / /	
<input checked="" type="checkbox"/> Reported to DWER in writing		Date: 07 / 12 / 2022	

Section F – Declaration



¹ It is an offence under section 112 of the *Environmental Protection Act 1986* for a person to give information on this form that to their knowledge is false or misleading in a material particular.

² AACRs can only be signed by the licence holder or an authorised person with the legal authority to sign on behalf of the licence holder.