

Notice

Environmental Protection Act 1994

Notice of decision - Temporary emissions licence

This statutory notice is issued by the administering authority pursuant to section 357E of the Environmental Protection Act 1994, to advise you of a decision or action.

DGR Global Limited
Level 27, 111 Eagle Street
BRISBANE CITY QLD 4000

Attention: Nick Virisheff
Email: nick.virisheff@ausrocks.com.au

Your reference: EPML00928813; A-TEL-NEW-100213898
Our reference: 101/0008732

CC: Carl Morandy
Email: carl.morandy@ausrocks.com.au

A-TEL-NEW-100213898: Application for temporary emissions licence for:

- **Active release (pumping) from the Shamrock Pit into the downstream Freshwater Dam which then spills into Collins Creek, a tributary for Wide Bay Creek; and**
- **Passive release from the tailings storage facility (TSF) into the Shamrock Pit, which is currently 200mm from spillway levels.**

at Shamrock Mine, Mining Lease (ML) ML50291, ML3749, ML3741, ML3678, ML3752 and ML3753.

Application

DGR Global Limited's application for a temporary emissions licence was received by the Department of Environment and Science (the administering authority) via email on 2 March 2022 at 14.41 (the Application). The Application fee of \$2,763.00 has not been paid yet.

Decision

Pursuant to section 357E(1)(a)(ii) of the *Environmental Protection Act 1994*, the Application to authorise the pumping of water from the Shamrock Pit to the Freshwater Dam located on site and the release of water from the tailings storage facility (TSF) due to exceedance of its storage capacity and overflow via the TSF spillway into the Shamrock Pit has been granted subject to different terms than those requested by DGR Global Limited.

Temporary emissions licence approval

1. This temporary emissions licence ('**TEL**') commences on 3 March 2022 and ends on 24 March 2022 ('**TEL Period**').
2. This TEL overrides the following conditions of environmental authority EPML00928813 ('**EA**') for the duration of the TEL Period:
 - C1-1 Contaminants must not be released from the site to any waters of the bed and banks of any waters.*

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3. The following are conditions of this TEL:

Condition TEL 1 All conditions of the EA continue to apply unless specified otherwise in this TEL.

Condition TEL 2 Water must only be released to the receiving environment from the Freshwater Dam at the location provided in Table 1:

TEL Table 1 – Location of authorised release

Latitude	Longitude	Datum
-26.229	152.271	GDA2020

Condition TEL 3 The administering authority must be notified within 24 hours prior to commencing and within 24 hours following cessation of the release of water from Shamrock Pit or the overflow of water from the TSF.

Condition TEL 4 Water must be released in a controlled manner to prevent erosion of the bed or banks of Freshwater Dam, Collins Creek and Wide Bay Creek.

Condition TEL 5 The Shamrock Pit and TSF water levels and water discharge volumes must be provided to the administering authority on a daily basis when water releases are occurring.

Condition TEL 6 Water quality at the release point provided in TEL Table 1 must comply with the water quality limits (dissolved concentrations) prescribed in TEL Table 2 – Contaminant Release Limits:

TEL Table 2 – Contaminant Release Limits

Analyte	Water Quality Limit
pH (pH units)	7-8.2
Electric conductivity (µS/L)	2200
Aluminium (µg/L)	55
Arsenic (µg/L)	24
Cadmium (µg/L)	0.2
Chromium (µg/L)	1
Copper (µg/L)	3.5
Cobalt (µg/L)	1
Molybdenum (µg/L)	1
Nickel (µg/L)	11
Lead (µg/L)	3.4
Selenium Total (µg/L)	11
Zinc (µg/L)	8
Boron (µg/L)	370
Free, Total and WAD Cyanide (µg/L)	0
Mercury (µg/L)	0.6
Fluoride (µg/L)	2

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- Condition TEL 7** The release of water from the TSF spillway due to it overflowing because its storage capacity is exceeded to the Shamrock Pit are authorised for the term of this TEL.
- Condition TEL 8** Water quality monitoring for the analytes listed in TEL Table 2 – Contaminant Release Limits must be conducted at least once every 2 days.
- Condition TEL 9** Releases of water from the Shamrock Pit into the Freshwater Dam must cease on 24 March 2022 or when 73 ML of water has been pumped from the Shamrock Pit whichever occurs first.
- Condition TEL 10** Water pumped from the Shamrock Pit must be taken from near the water surface and no deeper than 0.3 metre from the water surface.
- Condition TEL 11** Water discharges from the TSF into the Shamrock Pit must not be actively released (pumped siphoned or other assisted by other means).
- Condition TEL 12** Releases from the TSF into the receiving environment are not permitted.
- Condition TEL 13** Discharges from the Shamrock Pit must be released in a controlled manner via pumping or siphoning, at a rate or in a manner that will prevent erosion.
- Condition TEL 14** The results of water quality monitoring required by this TEL must be provided to the Administering Authority as soon as the results are available from the testing laboratory.
- Condition TEL 15** Discharge from the Shamrock Pit must cease if monitoring results fail to demonstrate compliance with Condition TEL 6.

END OF CONDITIONS

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Grounds for the decision

In deciding to grant the TEL subject to different terms than those requested by DGR Global Limited, the administering authority has had regard to the criteria specified under section 357D of the *Environmental Protection Act 1994*. The conditions imposed on the granted TEL are considered necessary and desirable to ensure all environmental values of the receiving environment are protected during the TEL Period. Should you have any queries in relation to this notice, please contact the department using the details provided below.



Signature

3/3/22

Date

Dean Sharpe
Delegate of the Chief Executive
Environmental Protection Act 1994

Enquiries:
Department of Environment and Science
PO Box 7230
CAIRNS QLD 4870
Phone: (07) 4222 5352

Attachments

Information notice to grant a temporary emissions licence on different terms than those requested in the application.