



EMERGENCY AUTHORIZATION No. 11/2016

I, Wesley Bruce Ford, Director, Environment Protection Authority, issue this authorization under section 34 of the *Environmental Management and Pollution Control Act 1994* (the Act), being satisfied:

(a) that circumstances of urgency exist, being:

- (i) That the energy supply situation due to the historic low lake levels and the failure of the Basslink Interconnector has reached a point where alternate electricity generation capacity is urgently required; and
- (ii) That there is an urgent need to extend the capacity of the stored energy in the lakes by utilising other means of generation; and
- (iii) That the statutory assessment of the proposed activity under Section 27 of the Act cannot be completed within a reasonable time period to allow the operation of the generators to commence in the timeframe necessary to assist in reducing the pressure on the already low lake levels.

and being satisfied:

(b) that this authorization is justified by the need to protect life, the environment or property because:

- (i) Low lake levels are occasioning environmental pressures in a number of hydro storages and supplementary diesel generation will help to alleviate those pressures at a system level; and
- (ii) There is an increased risk of the electricity generating infrastructure (being property of Hydro Tasmania) being compromised by low lake levels due to the potential for effects from cavitation and siltation impacting on the generating equipment and other associated equipment

hereby authorize Hydro-Electric Corporation (trading as Hydro Tasmania) to operate containerised diesel powered electricity generation units (generators), being a Level 2 activity under Schedule 2, clause 7(a) of the Act, subject to the conditions listed in Schedule 1 of this Authorization.

A handwritten signature in black ink, appearing to read 'Wes Ford', enclosed in a thin black rectangular border.

Wes Ford
DIRECTOR, ENVIRONMENT PROTECTION AUTHORITY

This 9th day of May 2016

SCHEDULE 1 Conditions of Authorization

Definitions

Words and expressions used in this Authorization have the meanings given to them in the *Environmental Management and Pollution Control Act 1994*, and the following meanings:

The Activity means the activity authorized by this authorization, being the operation of containerised diesel powered electricity generation units (generators) as described in **Attachment 2: 'Project Proposal - Hellyer Mine Substation Supplementary Diesel Generation, 2 May 2016'**, until 31 July 2016, subject to these conditions, and the commitments in the above documentation.

Director means the Director, Environment Protection Authority holding office under Section 18 of EMPCA, and includes a person authorised in writing by the Director to exercise a power or function on the Director's behalf.

Environmentally Hazardous Material means any substance or mixture of substances of a nature or held in quantities which present a reasonably foreseeable risk of causing serious or material environmental harm if released to the environment and includes fuels, oils, waste and chemicals but excludes sewage.

The Land means the land on which The Activity may be carried out and falls within the area defined by the portion of Property ID 3391086 with grid coordinates 393510mE and 5396259mN, 393644mE and 5396249mN, 393661mE and 5396147mN, 393554mE and 5396090mN and depicted on **Attachment 1** as "Temporary Generation Site".

Noise Sensitive Premises means residences and residential zones (whether occupied or not), schools, hospitals, caravan parks and similar land uses involving the presence of individual people for extended periods, except in the course of their employment or for recreation.

Person Responsible is Hydro-Electric Corporation (trading as Hydro Tasmania), or any agent or company engaged by Hydro Tasmania to operate the diesel generators on its behalf.

Stormwater means water traversing the surface of The Land as a result of rainfall.

Tasmanian Noise Measurement Procedures Manual means the Noise Measurement Procedures Manual referred to in regulation 4 of the *Environmental Management and Pollution Control (Miscellaneous Noise) Regulations 2014*.

General

G1 Access to and awareness of conditions and associated documents

A copy of these conditions and any associated documents referred to in these conditions must be held in a location that is known to and accessible to the person responsible for the activity. The person responsible for the activity must ensure that all persons who are responsible for undertaking work on The Land, including contractors and sub-contractors, are familiar with these conditions to the extent relevant to their work.

G2 Incident response

If an incident causing or threatening environmental nuisance, serious environmental harm or material environmental harm from pollution occurs in the course of the activity, the person responsible for the activity must immediately take all reasonable and practicable action to minimise any adverse environmental effects from the incident.

G3 Implementation of submitted documentation

Unless otherwise approved in writing, the person responsible must act and operate in accordance with the '*Project Proposal - Hellyer Mine Substation Supplementary Diesel Generation 2 May 2016*' and commitments contained therein (refer **Attachment 2**), as may be amended or replaced from time to time with the written agreement of the Director.

G4 Notification prior to commencement

The Director must be notified at least 24 hours prior to the commencement of power generation.

G5 Complaints register

- 1 A public complaints register must be maintained and made available for inspection by an Authorized Officer upon request. The public complaints register must, as a minimum, record the following detail in relation to each complaint received in which it is alleged that environmental harm (including an environmental nuisance) has been caused by the activity:
 - 1.1 the time at which the complaint was received;
 - 1.2 contact details for the complainant (where provided);
 - 1.3 the subject-matter of the complaint;
 - 1.4 any investigations undertaken with regard to the complaint; and
 - 1.5 the manner in which the complaint was resolved, including any mitigation measures implemented.
- 2 Any complaints regarding noise or air emissions must be investigated with 48 hours of the complaint being made.
- 3 Complaint records must be maintained for a period of at least 3 years.

G6 Notification of Complaints

In the event a complaint is received in relation to the activity, the complaint must be reported to the Director within 24 hours.

G7 Amendment and Revocation

The Director may amend or revoke this authorization and these conditions by notice in writing to the person responsible.

Atmospheric

A1 Control of dust emissions

Dust emissions from The Land must be controlled to the extent necessary to prevent

environmental nuisance beyond the boundary of The Land.

A2 Control of stack emissions

That, in the absence of the *Environment Protection Policy (Air Quality) 2004* providing in-stack air quality emission limits for the generators being used, the units are required to operate within the limits set by the USA EPA New Source Performance Standards for Stationary Emergency Tier 2 Limits, and ambient air quality criteria as specified in the *National Environmental Protection (Ambient Air Quality) Measure* must be met at any sensitive receptor (residence).

Effluent Disposal

E1 Stormwater

- 1 Polluted stormwater that will be discharged from The Land must be collected and treated prior to discharge to the extent necessary to prevent serious or material environmental harm, or environmental nuisance.
- 2 Notwithstanding the above, all stormwater that is discharged from The Land must not carry pollutants such as sediment, oil or grease in quantities or concentrations that are likely to degrade the visual quality of any receiving waters outside The Land.
- 3 All reasonable measures must be implemented to ensure that solids entrained in stormwater are retained on The Land. Such measures may include appropriately sized and maintained sediment settling ponds or detention basins.

Hazardous Substances

H1 Storage and handling of hazardous materials

- 1 Unless otherwise approved in writing by the Director, environmentally hazardous materials held on The Land must be:
 - 1.1 located within impervious bunded areas, spill trays or other containment systems; and
 - 1.2 managed to prevent unauthorised discharge, emission or deposition of pollutants:
 - 1.2.1 to soils within the boundary of The Land in a manner that is likely to cause serious environmental harm;
 - 1.2.2 to groundwater;
 - 1.2.3 to waterways; or
 - 1.2.4 beyond the boundary of The Land.

H2 Spill kits

Spill kits appropriate for the types and volumes of materials handled on The Land must be kept in appropriate locations to assist with the containment of spill environmentally hazardous materials.

Noise Control

N1 Noise emission limits

- 1 Noise emissions from the activity when measured at any noise sensitive

premises in other ownership and expressed as the equivalent continuous A-weighted sound pressure level must not exceed:

- 1.1** 40 dB(A) between 2200 hours and 0600 hours (Night time)
- 2** Where the combined level of noise from the activity and the normal ambient noise exceeds the noise levels stated above, this condition will not be considered to be breached unless the noise emissions from the activity are audible and exceed the ambient noise levels by at least 5 dB(A).
- 3** The time interval over which noise levels are averaged must be 10 minutes or an alternative time interval specified in writing by the Director.
- 4** Measured noise levels must be adjusted for tonality, impulsiveness, modulation and low frequency in accordance with the Tasmanian Noise Measurement Procedures Manual.
- 5** All methods of measurement must be in accordance with the Tasmanian Noise Measurement Procedures Manual.

ATTACHMENT 1

The Land

(Source Hydro Tasmania)



ATTACHMENT 2

'Project Proposal - Hellyer Mine Substation Supplementary Diesel Generation, 2 May 2016'