



Department initiated Amendment

Part V Division 3 of the *Environmental Protection Act 1986*

Licence Number	L6210/1991/10
Licence Holder	Alcoa of Australia Limited
ACN	004 879 298
File Number	2010/002563-1
Premises	Huntly Mine Site Part of AML70/1 North Spur Rd DWELLINGUP WA 6213 As defined by the Premises map attached to the Revised Licence.
Date of Report	9 February 2021
Decision	Revised licence granted

**/MANAGER, RESOURCE INDUSTRIES
REGULATORY SERVICES**

an officer delegated under section 20 of the *Environmental Protection Act 1986* (WA)

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1. Decision summary

The Delegated Officer has determined to make amendments to Licence L6210/1991/10. The amendments are administrative in nature therefore they do not alter the risk profile of the Premises, providing that activities, emissions and receptors as stated in existing approvals remain unchanged.

This Amendment Report documents the amendments made pursuant to section 59 and 59(B) of the *Environmental Protection Act 1986* (EP Act).

The decision report for the Existing Licence will remain on the department's website for future reference and will act as a record of the department's decision making.

2. Scope of assessment

2.1 Regulatory framework

In amending the licence, the department has considered and given due regard to its Regulatory Framework and relevant policy documents which are available at <https://dwer.wa.gov.au/regulatory-documents>.

2.2 Amendment Summary

Licence L6210/1991/10 is held by Alcoa of Australia Limited (Licence Holder) for the Huntly Mine Site (the Premises), located within mining lease AML70/1 in the Darling Ranges near the town of Dwellingup, 80 kilometres (km) south of Perth. A portion of the Premises is located within a P1 Drinking Water Source Area.

The Licence authorises prescribed premises *Category 5: Processing of beneficiation of metallic or non-metallic ore; premises on which (a) metallic or non-metallic ore is crushed, ground, milled or otherwise processed* under Schedule 1 of the *Environmental Protection Regulations 1987* (EP Regulations).

The department has initiated this amendment to the licence to clarify the sources of hydrocarbon contaminated wastewater which are permitted to be treated through the hydrocarbon wastewater treatment plants (WWTPs) on the Premises. This is to ensure that the WWTPs only receive wastewater they are designed to treat.

This department initiated amendment initially intended to conduct an assessment of emissions from the WWTPs that are used on the Premises for dust suppression and other activities, however this assessment will now be conducted in the next 12 to 24 months as part of a more detailed review of emissions and discharges from the Premises. The licence review will include a risk based assessment of emissions and discharges from the Premises to ensure licence conditions are commensurate with risks associated with the Premises operations. The licence review will be conducted in accordance with the department's *Guidance Statement: Risk Assessments* (DWER, 2017).

This amendment to review source inputs to the WWTPs is the first step in a more detailed review of the Premises operations and licence conditions.

2.1.1 Wastewater Treatment Plants on the Premises

There are two hydrocarbon WWTPs on the premises.

- The McCoy WWTP, which consists of a hydrocarbon pond, disc skimmer and a Dissolved Air Floatation (DAF) unit. Licence condition 1 has been amended to clarify the sources of wastewater that are permitted for treatment through this WWTP i.e. hydrocarbon contaminated wastewater from the fuel bay, heavy vehicle

wash-down bay, heavy vehicle workshop, heavy vehicle drying beds and wastewater treatment plant sludge drying beds on the Premises.

- The Myara WWTP, which consists of a primary concrete sump/pond for hydrocarbon and sediment separation, a main (secondary) HDPE lined wastewater pond, a hydro-cyclone oil separation system including an oil recovery system and solids separator (Ultraspin OS35) and a humeceptor. Licence condition 1 has been amended to clarify the sources of wastewater that are permitted for treatment through this WWTP i.e. hydrocarbon contaminated wastewater from the heavy and light vehicle fuel bays, fuel delivery areas, contractor’s workshops and contractors refueling areas on the Premises.

In addition, several minor administrative changes have been made, including:

- updating the look of the licence to the new licence template;
- renumbering conditions;
- rewording conditions for clarity / to new standard wording (without changing the intent of the condition); and
- updating/deletions/inclusion of definitions.

A complete summary of the amendments is presented in Section 3.1.

2.3 Consultation

The Licence Holder was provided with the draft Amendment Report and draft revised Licence on 23 September 2020 and 22 December 2020. Comments received from the Licence Holder on 27 October 2020 and 5 February 2021 consisted of minor administrative comments and provision of new maps. These have been accepted by the Delegated Officer.

3. Conclusion

Based on the assessment in this Amendment Report, the Delegated Officer has determined that an amended licence will be granted, subject to conditions commensurate with the determined controls and necessary for administration and reporting requirements.

3.1 Summary of amendments

Table 1 below provides a summary of the proposed amendments and will act as a record of implemented changes. All proposed changes have been incorporated into the Revised licence as part of the amendment process.

Table 1: Summary of licence amendments

Existing Condition no.	Revised condition no.	Proposed amendments
Cover page	Cover page	Updated to new Licence Template. Restructured to clearly indicate the prescribed activities that have been risk assessed and the assessed production capacity.
-	Licence History	Added to licence as per new licence template.
-	Interpretation	Added to licence as per new licence template.
-	1	New condition added to Licence. Condition required to clarify the approved sources of hydrocarbon contaminated wastewater to be treated by the McCoy and Myara WWTPs.

Existing Condition no.	Revised condition no.	Proposed amendments
W4	2	This condition wording has been updated for clarity. Intent of condition remains the same.
W5	3	Wording of condition updated to reflect new standard wording of conditions. Intent of condition remains the same.
W1	4	Wording of condition updated to reflect new standard wording of conditions. Intent of condition remains the same.
W2(a)	5	Wording of condition updated to reflect new standard wording of conditions. Intent of condition remains the same.
W2(b)	6	The condition wording has been updated for clarity. Intent of condition remains the same. TRH and PAH have been added to the suit of analytes that are required to be tested prior to discharge. These analytes are standard analytes requiring testing where hydrocarbons may be present. Updated to be consistent with similar licences.
W3 (a)	7	Wording of condition updated to reflect new standard wording of conditions. Intent of condition remains the same.
W3(b)	8	Wording of condition updated to reflect new standard wording of conditions. Intent of condition remains the same.
G1(a)	9	Wording of condition updated to reflect new standard wording of conditions. Intent of condition remains the same.
G1(b)	10	Wording of condition updated to reflect new standard wording of conditions. Intent of condition remains the same.
-	11	New standard record keeping condition placed on all new / revised licences.
-	12	New standard record keeping condition placed on all new / revised licences.
G3	13	AACR condition. Wording updated to reflect new standard wording in condition library. Intent of condition remains the same.
G2	14	Annual environmental report condition. Wording updated to reflect new standard wording in condition library. Intent of condition remains the same. Annual period defined in definitions table.
Definitions	Definitions	Moved to the back of the licence as per new licence template.
		Definitions removed: biannual as term not used in licence.
		Definitions added: ACN, AACR, annual period, books, Department, discharge, emission, EP Act, licence, licence holder, prescribed premises, TRH, PAH and spot sample.
		Definitions updated: CEO, premises.

Existing Condition no.	Revised condition no.	Proposed amendments
Attachment 1	Schedule 1 Maps.	Premises boundary map transferred from existing licence. New map of emission and discharge points added to the licence.
Attachment 2 (AACR form)	-	Removed as AACR template is available on the Department's website.