



OPERATIONAL COMPLIANCE REPORT

2020 – 21

DA 86-04-01 and LEC 10397 of 1995

MITCHELL AVE KURRI KURRI NSW

REVISION : **0**
DATE : **14 September 2021**

 Weston Aluminium Pty Ltd	DA 86-04-01 and LEC 10397 of 1995 COMPLIANCE REPORT OPERATIONAL	Revision	0
		Page No:	2 of 33
		Prepared By:	C. McClung
		Authorised By:	G. Snedden
		Issue Date:	14-09-2021

DOCUMENT REVISION RECORD

Rev.	Date	Description	Prepared	Checked	Approved
0	27.08.2021	Document issue (Final)	C. McClung	14.09.2021	G. Snedden

DISTRIBUTION LIST

Copy Number	Recipient	Location
Original	Weston Aluminium Environmental Management Representative	Kurri Kurri, NSW
2 of 2	NSW Department of Planning, Industry & Environment	Singleton, NSW

AMENDMENT LIST

Date	Section	Page	Summary of Change	Signature

 Weston Aluminium Pty Ltd	DA 86-04-01 and LEC 10397 of 1995 COMPLIANCE REPORT OPERATIONAL	Revision	0
		Page No:	3 of 33
		Prepared By:	C. McClung
		Authorised By:	G. Snedden
		Issue Date:	14-09-2021

CONTENTS

1.	EXECUTIVE SUMMARY	5
2.	INTRODUCTION	5
2.1	General	5
2.2	Scope of Compliance Report	6
2.3	Project Name and Project Application Number	6
2.4	Project Address	7
2.5	Project Phase	7
2.6	Compliance Reporting Period	8
2.7	Project Activity Summary	8
2.8	Key Project Personnel	8
3.	COMPLIANCE MONITORING AND REPORTING PROGRAM	9
4.	COMPLIANCE STATUS SUMMARY	9
5.	NON-COMPLIANCES	9
6.	PREVIOUS COMPLIANCE REPORT ACTIONS	9
7.	INDEPENDENT AUDIT ACTIONS	9
8.	INCIDENTS	28
9.	COMPLAINTS	28

 Weston Aluminium Pty Ltd	DA 86-04-01 and LEC 10397 of 1995 COMPLIANCE REPORT OPERATIONAL	Revision	0
		Page No:	4 of 33
		Prepared By:	C. McClung
		Authorised By:	G. Snedden
		Issue Date:	14-09-2021

TABLES

- 1 Compliance Monitoring and Reporting Program
- 2 Summary of Non-Compliances – 2020-21
- 3 Summary of Action Closure Status - 2019-20 Non-Compliances
- 4 Summary of Action Closure Status – Independent Environmental Audit (Non-Compliances and Actions – DA 86-04-01 and LEC 10397 of 1995)
- 5 Summary of Action Closure Status – Independent Environmental Audit (Non-Compliances and Actions – EPL 6423)
- 6 Summary of Action Closure Status – Independent Environmental Audit (Further Auditor Observations and Recommendations (Opportunities for Improvement))
- 7 Summary of Action Closure Status – Independent Hazard Audit (Non-compliances and Actions)
- 8 Summary of Action Closure Status – Independent Hazard Audit (Observations and Actions)
- 9 Summary of Complaints received – 2020/21 Reporting Period

FIGURES

- 1 Development Footprint and Context

APPENDICES

- A. Compliance Report – Operational Project Phase
- B. Declaration Form

 Weston Aluminium Pty Ltd	DA 86-04-01 and LEC 10397 of 1995 COMPLIANCE REPORT OPERATIONAL	Revision	0
		Page No:	5 of 33
		Prepared By:	C. McClung
		Authorised By:	G. Snedden
		Issue Date:	14-09-2021

1. EXECUTIVE SUMMARY

This 2020-21 Compliance Report has been prepared in accordance with Schedule 4, Condition 62 of Development Consent (DA 86-04-01 MOD 12 and LEC 10397 of 1995 MOD 10; identically worded, and referred to herein as the Consent), and per requirements of the Department of Planning and Environment's *Compliance Reporting Post Approval Requirements* (PARs; June 2018), to monitor and report on the compliance status of Weston Aluminium's Resource Recovery Facility.

Two (2) Non-Compliances occurred during the 2020-21 Compliance Reporting period.

2. INTRODUCTION

2.1 General

Weston Aluminium (WA) operates an aluminium recycling and refining facility at 129 Mitchell Avenue Kurri Kurri, NSW, traditionally recycling aluminium dross and scrap to produce aluminium sow, ingot and puck, and on-trading various forms of scrap. Spent Potlining residues, derived from the primary aluminium sector, are also detoxified and beneficiated for various reuse opportunities in the construction products manufacturing industry. The facility has the capacity to process up to a combined 40,000 t/yr of dross and SPL, and up to 35,000 t/yr of scrap.

As part of business diversification activities, WA undertook regulatory Trials designed to thermally process quantities of Pharmaceutical and Illicit Drug wastes in existing rotary furnaces, and in response to Trial successes, sought Regulatory Approval to construct and construct and operate a Medical and Other Waste Thermal Processing Plant as a brownfield development at its Kurri Kurri facility, with Consent granted in December 2018 (SSD 7396).

In parallel with the SSD Consent, a Modification of conventional consents (DA 86-01-04 and LEC 10397 of 1995) was also sought to permit the ongoing thermal processing of pharmaceutical and illicit drug wastes (2,000 and 5 t/yr respectively; contributing to the combined 40,000 t/yr limit) in existing rotary furnaces, with Consent granted on 02 August 2019 (the Modification to which this Compliance Report relates).

This Compliance Report has been prepared in accordance with Condition 62 for the 16 August 2020 – 15 August 2021 operational period.

 Weston Aluminium Pty Ltd	DA 86-04-01 and LEC 10397 of 1995 COMPLIANCE REPORT OPERATIONAL	Revision	0
		Page No:	6 of 33
		Prepared By:	C. McClung
		Authorised By:	G. Snedden
		Issue Date:	14-09-2021

2.2 Scope of Compliance Report

Compliance Monitoring and reporting requirements associated with the Development are defined in the Department's PARs, and Conditions 61 and 62 of the Consent. Consent wording is reproduced below:

61. No later than 1 week after the date notified for the commencement of operation of DA 86-010-01 MOD 12 [and DA 10397 of 1995 MOD 10], a Compliance Monitoring and Reporting Program prepared in accordance with the Compliance Reporting Post Approval Requirements (Department 2018) must be submitted to the Department.

62. Compliance Reports of the project must be carried out in accordance with the Compliance Reporting Post Approval Requirements (Department 2018).

In accordance with Condition 61, a Compliance Monitoring and Reporting Program was submitted to DPIE on **21 August 2019** (i.e. within 1-week of commencement notification; also refer **Section 3**), and accepted. Notification of commencement of operation occurred on **16 August 2019** (following same-day issue of the Varied Environment Protection Licence).

Note: for completion, this Compliance Report reflects compliance status with respect to all Consent Conditions relating to the Development (DA 86-04-01 and LEC 10397 of 1995), and not just those specifically relating to the 2019 Modification.

2.3 Project Name and Project Application Number

Project Name: Extensions to an existing aluminium dross recycling plant

Project Application Number: DA 86-04-01 and LEC 10397 of 1995

 Weston Aluminium Pty Ltd	DA 86-04-01 and LEC 10397 of 1995 COMPLIANCE REPORT OPERATIONAL	Revision	0
		Page No:	7 of 33
		Prepared By:	C. McClung
		Authorised By:	G. Snedden
		Issue Date:	14-09-2021

2.4 Project Address

129 Mitchell Avenue Kurri Kurri NSW 2327

The Development footprint and context is illustrated below in **Figure 1**.

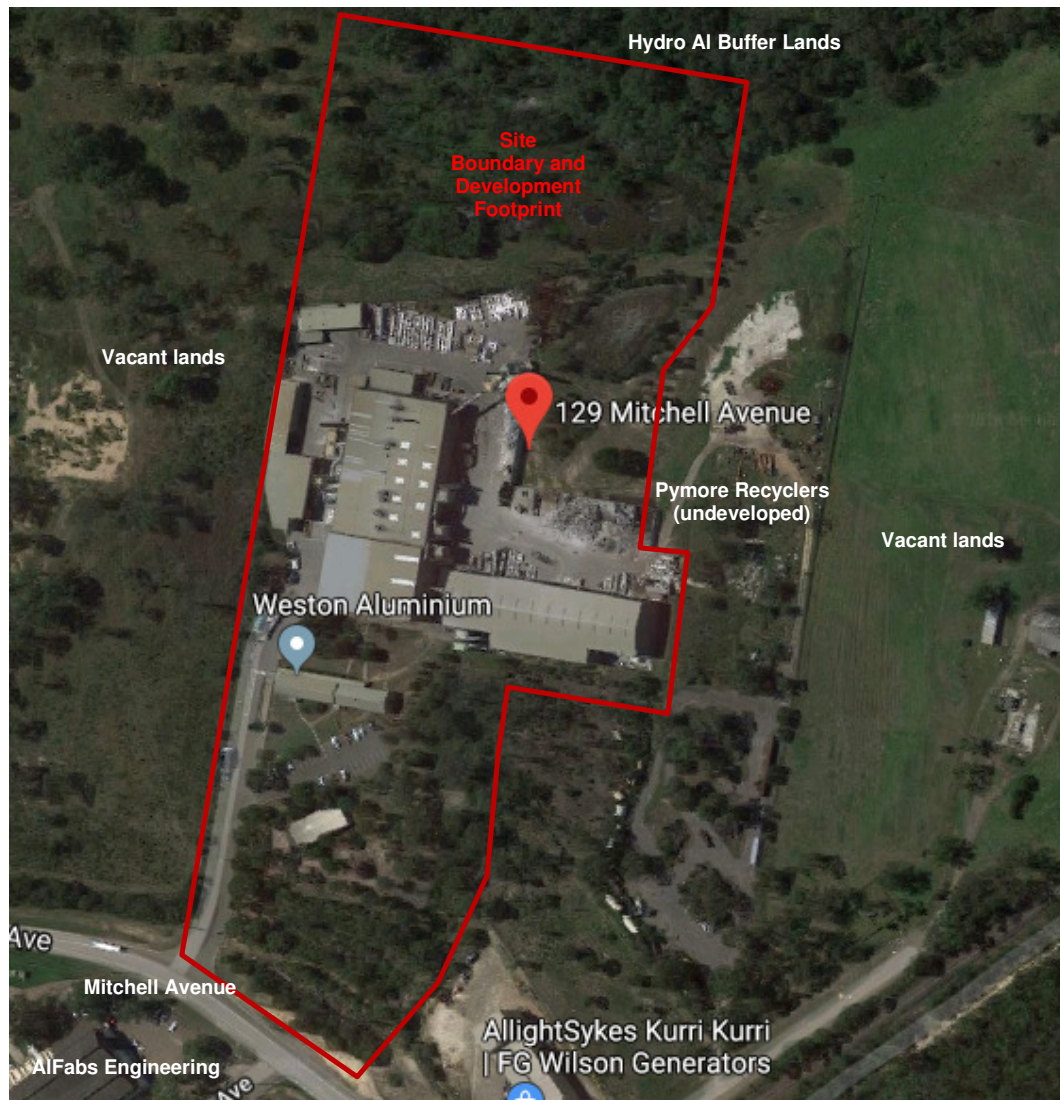


Figure 1 – Development footprint and context (Source: Google Maps; accessed 12 August 2019).

2.5 Project Phase

Operational

 Weston Aluminium Pty Ltd	DA 86-04-01 and LEC 10397 of 1995 COMPLIANCE REPORT OPERATIONAL	Revision	0
		Page No:	8 of 33
		Prepared By:	C. McClung
		Authorised By:	G. Snedden
		Issue Date:	14-09-2021

2.6 Compliance Reporting Period

16 August 2020 – 15 August 2021

2.7 Project Activity Summary

The following works are associated with the current Compliance Reporting period:

- Conventional site operations;
- Consent Modification Application (DA 86-04-01 MOD 14 and LEC 10397 of 1995 MOD12) and subsequent responses to various information requests in relation to a proposed site emissions reconfiguration – specifically, to dedicate the existing Baghouse 5 fabric filter-scrubber complex to the Thermal Processing Facility (permitting uninterrupted operation), and to redirect process emissions from the Reverberatory Furnace to the existing Baghouse 1 fabric filter-scrubber complex (currently servicing Rotary Furnace operations) due to its available capacity and performance compatibility. Reverberatory and Rotary Furnace operations will thereafter occur on a campaigned, non-concurrent basis. Development Consent was granted on 03 September 2021;
- Environment Protection Licence Variation Application and Approval in relation to air emissions load limit review, cyanide emission concentration increase (Point 1), oxygen reference condition amendments (Points 13, 14 and 15), typographical corrections, and amending condition wording in relation to the processing of liquid pharmaceutical and illicit drug wastes in the rotary furnaces;
- Air Emissions Verification Report preparation and submission (per Mod 12 requirements);
- Update of Emergency Response Plan and Safety Management System Manual (per Mod 12 requirements); and
- Completion of Independent Environmental and Hazard Audits.

2.8 Key Project Personnel

Site Contact: Mr Christopher McClung
Company: Weston Aluminium Pty Limited
Contact: cmcclung@westonal.com.au / 0409 462 5432

 Weston Aluminium Pty Ltd	DA 86-04-01 and LEC 10397 of 1995 COMPLIANCE REPORT OPERATIONAL	Revision	0
		Page No:	9 of 33
		Prepared By:	C. McClung
		Authorised By:	G. Snedden
		Issue Date:	14-09-2021

3. COMPLIANCE MONITORING AND REPORTING PROGRAM

The Compliance Monitoring and Reporting Program, issued to DPIE 21 August 2019, and reproduced in **Table 1**, has been developed for applicable phases of the Development, and in accordance with the *Compliance Reporting Post Approval Requirements (Department 2018)*.

Table 1: Compliance Monitoring and Reporting Program

Compliance Report	Project Development Phase	Anticipated Duration	No. Reports Required
Pre-Operational Compliance Report	Pre-Operation	1 month	Single report only
Operational Compliance Report	Operation	Ongoing	Annually (every 52 weeks)

4. COMPLIANCE STATUS SUMMARY

The Compliance Report prepared for the Operational stage of the Development is provided in **Appendix A**. The format of this Report is consistent with PAR requirements.

5. NON-COMPLIANCES

A total of **two (2)** Non-Compliances occurred during the 2020-21 Compliance Reporting period. A summary of the Non-Compliance particulars is provided in **Table 2**.

6. PREVIOUS COMPLIANCE REPORT ACTIONS

A total of **five (5)** non-compliances were reported for the previous Compliance Reporting period (16 Aug 2019 – 15 Aug 2020). A summary of action resolution and status is provided in **Table 3**.

7. INDEPENDENT AUDIT ACTIONS

Independent Environmental and Hazard Audits were undertaken during the Compliance Reporting period. A summary of action resolution and status in response to Environmental Audit observations / recommendations is given in **Tables 4 – 6**. A summary of action resolution and status in response to Hazard Audit observations / recommendations is given in **Tables 7 and 8**.

	DA 86-04-01 and LEC 10397 of 1995 COMPLIANCE REPORT OPERATIONAL	Revision	0
		Page No:	10 of 33
		Prepared By:	C. McClung
		Authorised By:	G. Snedden
		Issue Date:	14-09-2021

Table 2: Summary of Non-Compliances – 2020-21

NC Number	ID	Compliance Requirement	Details of Non-Compliance	WA Response
1	Schedule 3 Condition 11	The Applicant must install and operate equipment in line with best practice to ensure that the development complies with all load limits, air quality criteria/air emission limits and air quality monitoring requirements, as specified in the EPL applicable to the site.	Whilst not strictly treated by the NSW EPA as a 'Non-Compliance' (due to legitimate time constraints; refer below), WA has conservatively reported a single Non-Compliance as part of the 2020-21 Annual Return in relation to the Cyanide monitoring frequency (Point 1), as follows: Following EPL Variation (05 Nov 2020), the requirement for the monitoring of cyanide from Point 1 (Stack 1) was altered from an annual to a biannual frequency. Cyanide monitoring was only performed on a single occasion during the 2019-20 EPL Reporting Period, as insufficient time was available (owing to both production schedule and Consultant availability constraints owing to COVID-19) to schedule and perform an additional monitoring event before the EPL Anniversary Date (19 Dec 2020).	The 2020 cyanide monitoring finding, and those associated with subsequent 2021 monitoring events, have confirmed strong compliance with the limit criterion, and no environmental impact is attributed (refer Table 3). Biannual cyanide emission monitoring events have been scheduled since the EPL Anniversary Date in accordance with EPL requirements.
2	Schedule 4 Condition 65	Independent Audits of the development must be carried out in accordance with: a) the Independent Audit Program submitted to the Department under condition 64 of this consent; and b) the requirements for an Independent Audit Methodology and Independent Audit Report in the Independent Audit Post Approval Requirements (Department 2018).	Timing of Audits delayed due to COVID-19: Initial Audit due within 52 weeks following Modification commencement (i.e. on or before 16 Aug 2020), and 3-yearly thereafter. Initial Audit tentatively scheduled for early Aug 2020. Supporting documentation and pre-Audit Meetings conducted. Audit site visit rescheduled due to COVID-19 and isolation of an Audit Team Member. Audit site visit then performed 1 and 2 Sep 2020.	Dialogue maintained with DPIE in relation to COVID impact upon timing of Audits. COVID impact upon Audit schedule was out of WA control, despite conscious planning and mitigation by all parties. WA elects to perform Audit program in advance of due date to further mitigate potential impact on future Audit schedule.

	DA 86-04-01 and LEC 10397 of 1995 COMPLIANCE REPORT OPERATIONAL	Revision	0
		Page No:	11 of 33
		Prepared By:	C. McClung
		Authorised By:	G. Snedden
		Issue Date:	14-09-2021

Table 3: Summary of Action Closure Status - 2019-20 Non-Compliances

NC Number	ID Number	Details of Non-Compliance	WA Response	Action Closure Status
1	Schedule 3 Condition 11	A Stack 1 (EPL Point 1) cyanide concentration of 0.74 mg/m ³ was reported for the 16 Dec 2019 monitoring event, representing an exceedance of the 0.5 mg/m ³ limit prescribed for this discharge point.	WA has reported this exceedance as part of the 2018-19 Annual Return (11 Feb 2020), and has provided further correspondence to the EPA (05 Jun 2020) in response to a Show Cause Notice. Emissions monitoring event performed in conjunction with dross, pharmaceutical (ibuprofen) and illicit drug (cannabis, amphetamines and pharmaceuticals) waste processing in the rotary furnaces. No operational or maintenance issues evident, no cyanide nor cyanide-forming precursors processed in furnace feedstock, and sampling and analysis methodologies have been verified.	CLOSED. WA provided correspondence to EPA (05 Jun 2020) regarding this exceedance and Show Cause Notice. WA's SOP was updated to further mitigate a recurrence of elevated cyanide emissions. WA continues to operate in accordance with mature standard operating procedures, operate emissions control and monitoring systems in accordance with manufacturer's requirements, and apply preventative maintenance and inspection protocols to all pollution control devices to ensure optimal operation. EPL Variation sought and approved in relation to a more appropriate regulatory limit (0.8 mg/m ³). No exceedences of the emission concentration limit have since occurred (<0.0085, 0.046 and 0.21 mg/m³ - statistically consistent with historical).
2	Schedule 3 Condition 11	An exceedance of the Coarse Particulates load limit was reported in the 2018-19 Annual Return.	Elevated Coarse particulate load (6,722 kg vs 6,538 kg limit) attributed to increased site activities directly serviced by EPL Point 15 (Stack 7). WA acknowledges EPA's formal position not to take regulatory action with respect to the exceedance, and has taken the opportunity to seek a review of Load Limits, as suggested by the EPA.	CLOSED. Analysis of pollutant loads prepared by AECOM and included in the Show Cause Notice response of 05 Jun 2020. Analysis forecasts projected loads reflecting increased activity for Stack 7 (c.f. recent years), as well as forecast contributions associated with the Thermal Processing Facility. EPL Variation sought (05 Jun 20) in relation to amended load limit profile, and subsequently approved (05 Nov 20). No exceedences of load limits have since occurred.

 Weston Aluminium Pty Ltd	DA 86-04-01 and LEC 10397 of 1995 COMPLIANCE REPORT OPERATIONAL	Revision	0
		Page No:	12 of 33
		Prepared By:	C. McClung
		Authorised By:	G. Snedden
		Issue Date:	14-09-2021

NC Number	ID Number	Details of Non-Compliance	WA Response	Action Closure Status
3	Schedule 3 Condition 11	A Stack 6 (EPL Point 14) solid particulates concentration of 11 mg/m ³ was reported for the 21 Nov 2019 monitoring event, representing an exceedance of the 10 mg/m ³ limit prescribed for this discharge point.	Elevated solid particulate concentration (11 mg/m ³ vs 10 mg/m ³ limit) attributed to the application of a 3% oxygen reference correction (defined in EPL). Particulate concentration without correction is negligible, and actually challenges laboratory limits of detection. WA acknowledges EPA's formal position not to take regulatory action with respect to the exceedance, and has taken the opportunity to seek a review of a more appropriate oxygen reference correction, as suggested by the EPA.	CLOSED. EPL Variation sought (05 Jun 20) in relation to an amended oxygen reference from 3% to 15% to better reflect furnace design. This Variation is consistent with the rationale and approach taken by Midal Cables (16 Jul 2015) in relation the application of a more appropriate oxygen reference to their furnace configuration at that time. WA sought to preserve the current limit of 10 mg/m ³ (rather than amend to an otherwise applicable Group 6 limit of 50 mg/m ³). Variation Application subsequently approved (05 Nov 20). No exceedences of the concentration limit have since occurred.
4 & 5	Schedule 3 Conditions 13A and 54G	Air Emissions Verification Report sought within 12 months of commencement of DA 86-04-01 MOD12 (required by 16 Aug 2020). AEVR submission delayed.	Very limited pharmaceutical and illicit drug waste processed in the Rotary Furnaces under Mod 12 due to 1. elevated CN concentration detected in the 16 Dec 2019 emissions monitoring event (refer above), and 2. focus on Construction & Commissioning of the TWTP (SSD 7396). Subsequent emissions monitoring performed in conjunction with routine annual testing event (Jun 2020). Emissions reporting placed on hold pending feedback from EPA re: EPL Variation request.	CLOSED. Air Emissions Verification Report completed and submitted to DPIE 16 Dec 2020 following availability of Jun 2020 testing report and EPL Variation Application approval outcome (refer above). AEVR approved by DPIE 10 Mar 2021. Following EPA's Variation approval, no cyanide exceedences of the emission concentration limit have since occurred (<0.0085, 0.046 and 0.21 mg/m³ - statistically consistent with historical).

	DA 86-04-01 and LEC 10397 of 1995 COMPLIANCE REPORT OPERATIONAL	Revision	0
		Page No:	13 of 33
		Prepared By:	C. McClung
		Authorised By:	G. Snedden
		Issue Date:	14-09-2021

Table 4: Summary of Action Closure Status – Independent Environmental Audit (Non-Compliances and Actions – DA 86-04-01 and LEC 10397 of 1995)

Condition	Auditor Comments and Recommendation	Weston Aluminium Response	Status
Schedule 2, Condition 3 The Applicant shall comply with any reasonable requirement/s of the Planning Secretary arising from the Department's assessment of: a. any reports, plans, strategies, programs or correspondence that are submitted in accordance with this approval; and b. the implementation of any actions or measures contained in these reports, plans, strategies, programs or correspondence.	Findings: The Department issued a letter to WA dated 25 Jun 2020 seeking clarification on waste materials stored on site by 31 Jul 2020. A response was provided to the Department by email at 3:09pm on 31 Jul 2020 committing to removal of these materials. During the site inspection it was noted that removal of residual scrap metal was essentially complete. Recommendation: Ensure that waste materials are fully removed from the adjoining site, and that waste materials are not stored on adjoining sites in future. Notify the Department following the completion of removal of waste materials. Timeframe for Completion: 1 month	As confirmed in WA correspondence of 31 Jul 2020, materials stored on the adjacent Lot 62 were not wastes, and rather positive-value scrap inputs to Weston Aluminium's process. No actual or potential contamination or environmental harm implicated. As per commitments made in WA's response to DPIE (31 Jul 2020) these materials have since been fully recovered. Waste materials will not be stored on the adjoining sites in future.	Completed
Schedule 2, Condition 4 Prior to each of the events listed below, or within such period otherwise agreed by the Planning Secretary, the Applicant shall certify in writing to the satisfaction of the Planning Secretary, that it has complied with all conditions of this consent applicable prior to that event: a. commencement of any physical works associated with the development; and b. commencement of operations.	Findings: Changes to the footprint of the scrap yard occurred in early 2019, extending this area by approximately 20m to the east. There was no evidence that these changes were notified to the Department prior to this occurring. Recommendation: Ensure that future physical works, or commencement of operations consider the requirement for notification of the Department. Ensure that notifications to the Department are made before any future construction. Timeframe for Completion: Ongoing	As per WA's correspondence of 31 Jul 2020, the 'scrap yard' concrete pad area was constructed to reinstate an area of the working floor that has been lost by the approved SSD Approval 7396 (for the Thermal Processing Facility). This working floor area does not increase any throughput limits and permits Weston Aluminium to continue its operations in a safe and efficient manner. WA will ensure that the Department is consulted and notified in advance of future construction works.	Completed

 Weston Aluminium Pty Ltd	DA 86-04-01 and LEC 10397 of 1995 COMPLIANCE REPORT OPERATIONAL	Revision	0
		Page No:	14 of 33
		Prepared By:	C. McClung
		Authorised By:	G. Snedden
		Issue Date:	14-09-2021

Condition	Auditor Comments and Recommendation	Weston Aluminium Response	Status
Schedule 3, Condition 13 The Applicant shall update its existing Air Quality Monitoring Program for the development to the satisfaction of the Planning Secretary. This program must: a. be prepared in consultation with the EPA; b. be submitted to the Planning Secretary for approval within one month from the commencement of DA 08-04-01 Mod 12; and c. include: – a program to validate the air emissions of the development, which involved carrying out monitoring of the emissions from the development; – mitigation measures and timeframe for their implementation in case of non-compliances with the emission limits referred to in condition 11; and – a program to monitor the ongoing performance of the development.	Findings: The Air Quality Monitoring Program was prepared and submitted to the Department on 23 Sep 2019 outside of the reporting submission period. Recommendation: Ensure that required timeframes for reporting are included in the site compliance calendar and that future compliance reporting is delivered by the due dates. Timeframe for Completion: 1 month	The update of WA's Air Quality Monitoring Program was sought in accordance with DA 86-04-01 Mod 12 and SSD 7396 consent requirements. These respective updates were undertaken concurrently, and in consultation with DPIE and EPA. WA formally notified DPIE of DA 86-04-01 commencement on 16 Aug 2019, and acknowledges that submission of the updated AQMP occurred 6-days late. WA has reviewed and updated its internal compliance monitoring calendar to capture key reporting obligations. This internal monitoring tool is reviewed regularly to ensure that reporting commitments are achieved within the required timeframes.	Completed
Schedule 3, Condition 13A Within 12 months of commencement of DA 86-04-01 Mod 12, the Applicant must prepare, to the satisfaction of the Planning Secretary, and submit to the EPA, an Air Emissions Verification Report. The	Findings: The Air Emissions Verification sampling has been undertaken, however the consultant's Emission Monitoring Report has not yet been finalised, and therefore WA's AEV Report has not yet been finalised and submitted to the EPA. Repeat testing was required in early Aug, and the site is still	The emissions monitoring report has since been finalized and received (including repeat testing for TP and PM ₁₀ in Aug 2020 due to incorrect isokinetic sampling conditions). WA has also been liaising with the EPA regarding proposed EPL variations, which	Completed

 Weston Aluminium Pty Ltd	DA 86-04-01 and LEC 10397 of 1995 COMPLIANCE REPORT OPERATIONAL	Revision	0
		Page No:	15 of 33
		Prepared By:	C. McClung
		Authorised By:	G. Snedden
		Issue Date:	14-09-2021

Condition	Auditor Comments and Recommendation	Weston Aluminium Response	Status
Air Emissions Verification Report must include: a. air emission sampling results undertaken for the previous 12 months; b. a comparison of the emission sampling results against the discharge limits specified for point 1 in the EPL for the site; and c. the approach, including timeframe for implementation, to resolve any non-compliances with the EPL and the Protection of the Environment Operations (Clean Air) Regulation 2010.	waiting for these results to be provided. A Draft Report was observed on site, pending provision of final results. Recommendation: Review annual reporting periods and include in the site compliance calendar prior to the due date (16 Aug) to allow for delays and ensure that reporting is delivered on time. Timeframe for Completion: 1 month	were resolved on 05 Nov 2020. Air Emissions Verification Report subsequently completed Dec 2020 and submitted in Dec 2020. Given the historically timely delivery of air emissions monitoring reports, WA did not anticipate such reporting delays. Nevertheless, WA will amend its Compliance Calendar and seek to schedule monitoring events early in each reporting period to ensure that future regulatory reporting deadlines are not compromised.	
Schedule 3, Condition 16 The Applicant shall implement all reasonable and feasible measures to minimise the dust generated by the development.	Findings: Visible dust emissions were evident during feed of material into the secondary shredder. Dust suppression is included on the exit from this shredder, however consideration should be given to extraction or suppression to minimise air quality impacts. Recommendation: Review operation of the scrap metal shredder to ensure that appropriate inspection of feed materials is undertaken to screen the quality of incoming materials. Review the need for implementation of additional dust mitigation measures. Timeframe for Completion: 3 months	Visible dust emissions observed during the Audit are attributed to the processing of some scrap materials recovered from the adjacent Lot 62, which contained excessive dirt as part of the material recovery process. The nature of these scrap materials are not representative of normal operations. Scrap materials delivered to site are inspected upon receipt to ensure that quality control requirements are satisfied. Any scrap materials found to contain excessive impurities (e.g. dirt, plastics, rubber, etc.) are typically returned to their point of origin. Existing dust suppression systems are effective for dust suppression associated with typical scrap inputs and operations, and will continue to be maintained and evaluated for effectiveness.	Completed

 Weston Aluminium Pty Ltd	DA 86-04-01 and LEC 10397 of 1995 COMPLIANCE REPORT OPERATIONAL	Revision	0
		Page No:	16 of 33
		Prepared By:	C. McClung
		Authorised By:	G. Snedden
		Issue Date:	14-09-2021

Condition	Auditor Comments and Recommendation	Weston Aluminium Response	Status
Schedule 3, Condition 36 The Applicant shall store and handle all dangerous goods, as defined by the Australian Dangerous Goods Code, strictly in accordance with: a. all relevant Australian Standards; b. a minimum bund volume requirement of 110% of the volume of the largest single stored volume within the bund; and c. the EPA's Environment Protection Manual Technical Bulletin Bunding and Spill Management	Findings: Inspection indicated general compliance with the required documents with the exception of the workshop flammable liquids cabinet. However, some non-compliances with WHS Regulation requirements were found (some containers found open and cabinet unbundled). Recommendation: Upgrade the workshop flammable liquids cabinet to a compliant cabinet. Ensure all packaging and vessels are properly stored in accord with Australian Standards and adequately labelled in relation to their contents at all times- refer also to Hazard Audit. Timeframe for Completion: 3 months	WA has modified the existing Workshop DG Cabinet and has performed an audit of contents (Nov 2020). Specific upgrades include painting of the cabinet and labelling (DG Class 3 'Flammable Liquids') to more clearly display its function and associated hazard, and a suitable bund has been incorporated into the cabinet floor (bund capacity is now 40 L, which exceeds the AS1940 requirement of 110% of the largest container; 20L). Furthermore, containers found to be unlabelled and/or not incorporate appropriate lids were either rectified or otherwise disposed of appropriately.	Complete
Schedule 3, Condition 54G 12 months after the commencement of operation of DA 86-04-01 Mod 12, the Applicant must prepare a detailed monitoring report, on the outcomes of operation, to the satisfaction of the Planning Secretary. The report must: a. detail the results of the monitoring required in condition 54F; and b. include a tracking summary of the implementation and monitoring of mitigation measures as listed under Hazards and Risk, Table 15 Summary of Management Measures of the EA prepared by AECOM and dated 10 July 2017 and	Findings: Air emissions monitoring performed Oct and Dec 2019 and Jun 2020. Currently awaiting results of 2020 testing program before Report completion. Anticipate completion in Sep 2020. Recommendation: Review annual reporting periods and include in the site compliance calendar prior to the due date (16 Aug) to allow for delays and ensure that reporting is delivered on time. Timeframe for Completion: 1 month	As above, monitoring data now received, and the Air Emissions Verification Report finalized and submitted in Dec 2020. Given the historically timely delivery of air emissions monitoring reports, WA did not anticipate such reporting delays. Nevertheless, WA will amend its Compliance Calendar and seek to schedule monitoring events early in each reporting period to ensure that future regulatory reporting deadlines are not compromised.	Complete

 Weston Aluminium Pty Ltd	DA 86-04-01 and LEC 10397 of 1995 COMPLIANCE REPORT OPERATIONAL	Revision	0
		Page No:	17 of 33
		Prepared By:	C. McClung
		Authorised By:	G. Snedden
		Issue Date:	14-09-2021

Condition	Auditor Comments and Recommendation	Weston Aluminium Response	Status
included in Appendix B .			
Schedule 3, Condition 62 Compliance Reports of the project must be carried out in accordance with the Compliance Reporting Post Approval Requirements (Department 2018).	Findings: The Compliance Monitoring and Reporting Program was issued to the Department on 5 Sep 2019 by email. Subsequent correspondence from the Department by letter dated 17 Sep 2019 indicated that the submission date for Compliance reports should be consistent with the deemed project commencement date of 16 Aug 2019. Recommendation: The compliance monitoring and reporting program should be updated to reflect the deemed project commencement date of 16 Aug 2019. Timeframe for Completion: 1 month	2019-20 Compliance Report prepared for the 16 Aug 2019 – 15 Sep 2020 reporting interval. Subsequent Reports are similarly to be prepared for the 16 Aug – 15 Aug annual reporting periods. The Compliance Reporting Program and the internal Compliance Calendar have been updated accordingly.	Completed

	DA 86-04-01 and LEC 10397 of 1995 COMPLIANCE REPORT OPERATIONAL	Revision	0
		Page No:	18 of 33
		Prepared By:	C. McClung
		Authorised By:	G. Snedden
		Issue Date:	14-09-2021

Table 5: Summary of Action Closure Status – Independent Environmental Audit (Non-Compliances and Actions – EPL 6423)

Condition	Auditor Comments and Recommendation	Weston Aluminium Response	Status
L3.2 For each monitoring/discharge point or utilisation area specified in the table below (by a point number), the concentration of a pollutant discharged at that point, or applied to that area, must not exceed the concentration limits specified for that pollutant in the table.	Findings: - Point 1 - An exceedance was recorded for Cyanide, in 2019 (0.74mg/m³). Data indicates compliance for all other pollutants in 2017-2019 Annual Returns. - Point 13 - Carbon Monoxide results are not provided within the Annual Returns. Recommendation: - Ensure that preventative maintenance and inspection protocols are maintained for all pollution control devices to ensure optimal operation. - Consult with the EPA to amend Annual Return template, enabling annual reporting of carbon monoxide monitoring summaries for Point 13. Timeframe for Completion: 3 months	The cyanide concentration reported for the 16 Dec 2019 monitoring event has been investigated, and is not related to improper plant operation. Mature preventative maintenance and routine inspections continue to remain in place. Following extensive consultation with the EPA, a (compromised) increase in the regulatory limit from 0.5 to 0.8 mg/m ³ has been approved by the EPA to account for historical data variability, and demonstrated via conservative dispersion modeling to remain well-below ground-level assessment criteria. Monitoring frequency has also been increased to assess consistency with limit compliance.	Completed
		WA has sought an update to the Annual Return template to capture CO monitoring summaries for Point 13. EPL Variation to be administered by EPA as part of their 5-yearly review (2021).	Completed
L3.3 Limit value is a rolling one-hour average. VOC as n-hexane (dry, 273 K, 101.3 kPa).	Findings: Rolling one hour averages were not utilised in data analysis for VOCs. Under previous versions of this licence, the use of rolling averages in data analysis was not included as a condition. Data sighted during the site inspection indicates that one hour averages have not been utilized for VOC results. Recommendation: Ensure that VOC analysis is conducted	Issue raised with AECOM (05 Nov 20). AECOM will ensure that future VOC sampling intervals comply with Licence requirements to enable a comparative assessment with limit criteria.	Completed

 Weston Aluminium Pty Ltd	DA 86-04-01 and LEC 10397 of 1995 COMPLIANCE REPORT OPERATIONAL	Revision	0
		Page No:	20 of 33
		Prepared By:	C. McClung
		Authorised By:	G. Snedden
		Issue Date:	14-09-2021

Condition	Auditor Comments and Recommendation	Weston Aluminium Response	Status
conflict exists between these requirements, the most stringent requirements apply. Note: For the purpose of this condition, any tanks or other storage vessels that are interconnected and may distribute their contents either by gravity or automated pumps must be considered a single vessel.			
O5.6 The licensee must ensure that suitable measures (e.g. high/low alarms, control valves with interlock control, one-way valves) are installed on all tanks, ponds or clarifiers and associated pipes and hoses to prevent the spillage of waste.	Findings: Inspection and interviews with maintenance personnel indicated that while float switches are fitted on tanks associated with the oil separator and the first flush system there are no high level alarms on these items to prevent the overflow of these control measures. Recommendation: Review the oil separator and first flush system to ensure that appropriate high level alarms, valves or other controls are installed and maintained to minimise the risk of overflow. Timeframe for Completion: 3 months	High-level alarms have been installed within the in-ground pits (at Oil/Water Separator and Main Pond) to alert staff to a high-level condition, should this even occur (e.g. attributable to pump blockage / failure). Completion Nov 2020	Completed

	DA 86-04-01 and LEC 10397 of 1995 COMPLIANCE REPORT OPERATIONAL	Revision	0
		Page No:	21 of 33
		Prepared By:	C. McClung
		Authorised By:	G. Snedden
		Issue Date:	14-09-2021

Table 6: Summary of Action Closure Status – Independent Environmental Audit (Further Auditor Observations and Recommendations (Opportunities for Improvement))

Auditor Comments and Recommendation	Weston Aluminium Response
The 2020 OEMP update has been updated to include the elements of the Thermal Waste Treatment Plant (TWTP). However, Condition 27 of DA86-04-01 requires the preparation and implementation of an Erosion and Sediment Control Plan, Site Rehabilitation Plan and Water Management Plan. These elements are not reflected in the current version of the OEMP but are understood to be part of the original CEMP for the original development. Subsequent reviews of the OEMP should ensure that relevant requirements from these plans are adequately addressed.	WA notes that the Erosion and Sediment Control Plan, Site Rehabilitation Plan and Water Management Plan are features of the CEMP for the original development. WA will review the opportunity to include relevant elements of these sub-plans into a subsequent OEMP revision and update.
Condition 43 of DA86-04-01 requires the preparation of a Landscape Management Plan. Clearing has occurred since the development of this plan in accordance with the APZ approved by NSW RFS. It is recommended that this plan be updated, to ensure it is applicable to the site in its current state. DA 86- 04-01 further requires implementation of a program to minimise the presence and spread of weeds, in particular camphor laurel (<i>Cinnamomum camphora</i>), on the site. These requirements should also be referenced or incorporated into the OEMP for the site.	WA will review the opportunity to include an updated Landscape Management Plan and reference to its existing Weed Management Plan (SMEC, 2015), in a subsequent OEMP revision and update. WA continues to liaise regularly with NSW RFS with respect to vegetation fuel-load management. Further, and following historical management successes (removal of 2 trees), no camphor laurel specimens exist on site, and camphor laurels are no longer considered an issue on site.
The Energy Savings Action Plan was prepared to meet the consent requirements as verified under the previous audit, although this has not been reviewed since 2009. Gas and electricity consumption are under review, and improved where applicable. It is recommended that this Action Plan is updated.	WA has replaced site-wide lighting with LEDs, installed VSDs, upgraded plant and equipment technologies and has installed sub-metering throughout the site. WA continues to seek continuous improvement opportunities with respect to energy efficiencies, and continues to apply elements of the 2009 ESAP to changing site operations (i.e. as plant and equipment items are replaced / upgraded). Energy consumption and efficiencies are monitored and reported annually, demonstrating a trending reduction in energy consumption and GHG rates per unit of production.
A first flush system, incorporating gross pollutant traps in stormwater pits is maintained to prevent the risk of water pollution from the site. While stormwater pits, gross pollutant traps and the first	WA has reviewed its Preventative Maintenance system to ensure that stormwater pit inspections and maintenance (e.g. sediment recovery and removal) frequencies are

 Weston Aluminium Pty Ltd	DA 86-04-01 and LEC 10397 of 1995 COMPLIANCE REPORT OPERATIONAL	Revision	0
		Page No:	22 of 33
		Prepared By:	C. McClung
		Authorised By:	G. Snedden
		Issue Date:	14-09-2021

Auditor Comments and Recommendation	Weston Aluminium Response
flush dam are included on regular inspection program and the MEX maintenance system, observations on site indicated that many of the stormwater pits were full of sediment, and the first flush dam was full of sediment. It is noted that the first flush dam was cleaned following the audit on 09 and 10 Sep 2020. The stormwater pits, gross pollutant traps and the first flush dam should be inspected regularly, and cleaning and maintenance works should be conducted based on their condition.	appropriate. As noted by the Auditor, sediment accumulations within the first flush dam have since been removed (earlier delayed due to wet weather and contractor availability limitations). WA will seek to arrange dam cleaning events with further notice in future to ensure that these maintenance events can occur in a timely manner.
The site inspection identified substantial items of equipment, empty IBCs and other materials stored behind the maintenance workshop and behind the Aldex building adjacent to the Administration building. These areas should be maintained and excess materials removed to minimise the risk of soil contamination, accumulation of combustible materials and to enhance the site amenity.	WA has since removed extraneous items (e.g. empty IBCs) from these areas. Other plant and equipment are stored as part of routine maintenance and operation (e.g. new tyres) and future project activities (e.g. structural steel, aluminium sheeting). Nevertheless, these items will be stored in a manner that maintains an acceptable housekeeping standard). Given the nature of materials stored, it is noted that these items do not implicate a risk of contamination.

 Weston Aluminium Pty Ltd	DA 86-04-01 and LEC 10397 of 1995 COMPLIANCE REPORT OPERATIONAL	Revision	0
		Page No:	23 of 33
		Prepared By:	C. McClung
		Authorised By:	G. Snedden
		Issue Date:	14-09-2021

Table 7: Summary of Action Closure Status – Independent Hazard Audit (Non-compliances and Actions)

Audit Reference	Auditor Comments and Recommendation	Weston Aluminium Response	Status
01/2020 Storage and Labelling of Packaging/Vessels Suitable for DG	Issue: Storage and Labelling of Packaging/Vessels Suitable for DG Recommendation: Ensure all packaging and vessels are properly stored in accord with Australian Standards and adequately labelled in relation to their contents at all times. Priority: Medium	WA has modified the existing Workshop DG Cabinet and has performed an audit of contents (Nov 2020). Specific upgrades include painting of the cabinet and labelling (DG Class 3 'Flammable Liquids') to more clearly display its function and associated hazard, and a suitable bund has been incorporated into the cabinet floor (bund capacity is now 40 L, which exceeds the AS1940 requirement of 110% of the largest container; 20L). Furthermore, containers found to be unlabelled and/or not incorporate appropriate lids were either rectified or otherwise disposed of appropriately.	Complete
02/2020 SPL Hazardous Area Requirements	Issue: SPL Hazardous Area Requirements Recommendation: Prior to any further processing of SPL being considered at the WA site, each type of SPL to be considered for processing should be assessed for its potential for its dust to self-heat when deposited and also whether an explosive dust atmosphere can be generated. Only SPL materials having zero potential to form explosive atmospheres or undergo self-heating, would be acceptable for treatment at the site with current HAC infrastructure and protocols. Priority: Medium	It is noted that the Auditor was concerned with the apparent ' <i>removal of distinction between First Cut, Second Cut and Mixed SPL</i> ', assuming that any intrinsic difference between these fractions (e.g. carbon content) would be ignored, and potentially leading to unmanaged hazard. WA emphasises that the latest Modification in relation to SPL processing (Mar 2017) sought to <u>remove the distinction in the wording of the Consent Approval</u> ; not to ignore any physico-chemical characteristic or differing modes of treatment. WA engaged Core Engineering Group (Sep 2016) to conduct a Hazardous Area Classification in relation to dross and SPL storage and handling, and confirming a non-Hazardous Area classification. WA's SOPs and Risk Assessments were developed for the receipt, storage and handling of SPL to Industry Standard and on the basis of current Safety Data Sheet information, and are considered appropriate. Furthermore, ventilation systems are operated and maintained to control dust generation, thereby mitigating explosion potential. No incidents experienced in relation to the storage or thermal processing of SPL.	Completed

	DA 86-04-01 and LEC 10397 of 1995 COMPLIANCE REPORT OPERATIONAL	Revision	0
		Page No:	24 of 33
		Prepared By:	C. McClung
		Authorised By:	G. Snedden
		Issue Date:	14-09-2021

Audit Reference	Auditor Comments and Recommendation	Weston Aluminium Response	Status
03/0220 Labelling at Building Entrances	Issue: Labelling at Building Entrances Recommendation: Ensure all entrances to buildings and rooms are fitted with appropriate labels, placards and warnings. Priority: Medium	WA considers that signage requirements in accordance with the Work Health and Safety Regulation 2017 are adequately satisfied. The WHS Regulation requirement (Clauses 350 and 353) is for 'a placard' / 'a safety sign' to be displayed, and not for signage to be displayed at each and every point of access to a building, as inferred by the Auditor. Appropriate DG signage is displayed at each of the designated Dangerous Goods Depots defined in our DG Manifest and Notification to Safework NSW.	Completed

	DA 86-04-01 and LEC 10397 of 1995 COMPLIANCE REPORT OPERATIONAL	Revision	0
		Page No:	25 of 33
		Prepared By:	C. McClung
		Authorised By:	G. Snedden
		Issue Date:	14-09-2021

Table 8: Summary of Action Closure Status – Independent Hazard Audit (Observations and Actions)

Audit Reference	Auditor Comments and Recommendation	Weston Aluminium Response	Status
04/2020 On-site Transport Intensity Issues	Issue: On-site Transport Intensity Issues - General Recommendation: Move to implement a new on-site ring road and transport management system to reduce the traffic movements in the reverberatory furnace charging area in particular. The establishment of new on-site transport management protocols is considered particularly important in relation to plans to simultaneously operate the WA molten metal plant and the treatment plant as a consequence of further DA modification applications. Priority: High	WA has consulted with representatives of the site's Health and Safety Committee regarding traffic-transport interactions and proposed control measures / formal protocols designed to mitigate / eliminate potential interaction risks and ensure effective management on site. The Transport Management Protocol has since been prepared and implemented. Note: establishment of a ring road for traffic movement continuity has dramatically improved traffic flow efficiencies, particularly around furnace charging and Thermal Processing Facility areas, and a reduction in traffic-pedestrian interactions.	Completed
05/2020 On-site Transport Intensity Issues – Prevention of Interactions Involving Incompatible Substances	Issue: On-site Transport Intensity Issues: - Prevention of Interactions Involving Incompatible Substances. Recommendation: Where appropriate, the consent conditions should be further consolidated to eliminate any/all conditions considered redundant in terms of future business directions on the site. Once redundant consent conditions have been purged, consider the specific future on-site transport hazards that could arise in relation to the incompatibility of substances during pick-up/delivery. The outcome of each high consequence potential interaction should be to identify either the remoteness of its likelihood or identify preventative measures as appropriate. Priority: Medium	This recommendation relates to legacy consent conditions relating to molten metal transfers between the WA site and local aluminium smelters, and potential interactions with other substances (e.g. future Class 3 flammable liquid processing in the Thermal Treatment Plant). Whilst profiled through consultation during earlier development application processes, molten metal transfers have not occurred to date. WA confirms that molten metal transfers are unlikely to be required in future, and may seek to remove associated conditions as part of future development consent modifications.	Completed
06/2020	Issue: Understanding Potential Domino Effects	WA held discussions with the Auditor regarding a number of studies	Completed

 Weston Aluminium Pty Ltd	DA 86-04-01 and LEC 10397 of 1995 COMPLIANCE REPORT OPERATIONAL	Revision	0
		Page No:	26 of 33
		Prepared By:	C. McClung
		Authorised By:	G. Snedden
		Issue Date:	14-09-2021

Audit Reference	Auditor Comments and Recommendation	Weston Aluminium Response	Status
Understanding Potential Domino Effects	Recommendation: During a future risk assessment, quantify the consequence and risk associated with hazardous incident scenarios at the site. A Level 2 risk assessment consistent with the NSW Multi-level Risk Assessment Guideline (May 2011) is recommended. An understanding of the impact contours in relation to the broader development of the Kurri Kurri Industrial Park is considered prudent. Priority: Medium	performed as part of the SSD 7396 project Application, including whole-of site Fire Safety Study, Preliminary Hazard Analysis and Final Hazard Analysis. Copies provided. These various studies were reviewed and approved by Regulatory Agencies. WA considers that these studies present adequate, quantifiable risk and consequence profiling for the combination of activities undertaken on site.	
07/2020 Emergency Drills	Issue: Emergency Drills Recommendation: The result of the last emergency drill is seen as evidence that periodic/routine rehearsal by the entire workforce is useful. An important message likely requiring reinforcement with some members of the workforce at WA is the serious nature of emergency drills and the importance of adherence to the protocols. Priority: High	WA agrees that routine emergency drill exercises are a valuable feature of the site's Safety and Emergency Management Systems. WA performs regular drills in relation to emergency evacuations (last performed 14 Oct 2020), fire drills and environmental-related scenarios, and facilitates site visits and discussions with NSW RFS to ensure that emergency services organizations are familiar with the potential hazards on site, available response infrastructure, and are aware of site emergency response protocols. WA takes the opportunity to review drill exercises, communicate key learnings (achievements and opportunities for improvements) and reinforce the value of such exercises.	Completed
08/2020 Emergency Preparedness – Management of Change	Issue: Emergency Preparedness - Management of Change Recommendation: Examine the change management and risk assessment regime in light of the identified oversights. It is recommended that the existing change management procedure and risk assessment regimes be continuously under review by WA management in anticipation of the continuing high intensity of change proposed for the site.	WA acknowledges the recent introduction of new operations and process inputs and consequential high pace of change – particularly evident since post-GFC. Further to the above commitments (e.g. management of transport and pedestrian interactions, risk assessments, etc.), WA will continue to review and apply its formal Management of Change protocols in accordance with HIPAP No. 9, in order to appropriately assess and manage potential risk and	Completed

 Weston Aluminium Pty Ltd	DA 86-04-01 and LEC 10397 of 1995 COMPLIANCE REPORT OPERATIONAL	Revision	0
		Page No:	27 of 33
		Prepared By:	C. McClung
		Authorised By:	G. Snedden
		Issue Date:	14-09-2021

Audit Reference	Auditor Comments and Recommendation	Weston Aluminium Response	Status
	Priority: High	amend its emergency response procedures, where required and appropriate.	
9/2020 Human Health Monitoring – Management of Change is Lead/Acid Battery Recycling introduced	Issue: Human Health Monitoring - Management of Change if Lead/Acid Battery Recycling is introduced. Recommendation: Examine the change management and risk assessment regime in light of the health monitoring requirements to be introduced when/if a lead/acid battery recycling facility is to be introduced to the eco-industrial park. It is recommended that such a facility be located to minimise the impact of lead contamination upon adjacent business units and a comprehensive human health monitoring program be proactively introduced at the site. Such a move will ensure that a human health management regime is established from the outset. It is considered that any proactive human health management regime will be more effective where all business development decisions in relation to a lead/acid battery recycling development are made within the context of an existent human health management regime. Priority: Low	WA understands that the Battery Recycling Facility development proposed (by others) for the eastern adjoining property is unlikely to proceed – the Proponent has since purchased and upgraded a facility in Wagga Wagga NSW, and market demand has not yet justified the establishment of the proposed Kurri Kurri facility. Nevertheless, WA is conscious of the potential health effects associated with lead in dust and potential impact to surrounding operations (and broader Hunter Industrial Ecology Park). Should the Battery Recycling Facility be developed, WA will review the implementation of a health surveillance monitoring program, in consultation with its workforce.	Outstanding

	DA 86-04-01 and LEC 10397 of 1995 COMPLIANCE REPORT OPERATIONAL	Revision	0
		Page No:	28 of 33
		Prepared By:	C. McClung
		Authorised By:	G. Snedden
		Issue Date:	14-09-2021

8. INCIDENTS

Nil (0) incidents occurred during the 2020-21 Compliance Reporting period.

9. COMPLAINTS

A total of **Nine (9)** complaints were received during the Reporting Period, and are summarised below in **Table 9**.

Table 9: Summary of Complaints received – 2020/21 Reporting Period.

Nature of Complaint	No. of complaint received by WA	No. of complaints attributable to WA	Comments
Odour	2	0	
Dust / smoke / visible emission	0	0	
Noise	7	1	Alarm operation (Baghouse 5)
Other	0	0	
Total	9	1	

The following comments are made in relation to complaints received during the Reporting Period:

- Of the nine complaints received, only one can be attributable to Weston Aluminium operations;
- Written summaries of complaint particulars, possible contributing factors, and actions taken by Weston Aluminium (where applicable) were provided to the NSW EPA (Hunter Region) following the receipt of each complaint;
- The noise complaint attributable to WA operations related to an audible alarm sounding intermittently throughout the night of 23 September 2020 (northern end of WA site). Calm wind conditions prevailed. The alarm siren was relocated from its original external location to an internal position (within the Plant Building) to attenuate the noise. No further noise complaints in relation to alarm have been received since;

	DA 86-04-01 and LEC 10397 of 1995 COMPLIANCE REPORT OPERATIONAL	Revision	0
		Page No:	29 of 33
		Prepared By:	C. McClung
		Authorised By:	G. Snedden
		Issue Date:	14-09-2021

- The remaining noise complaints relate to an observed ‘intermittent’ and ‘fading’ ‘roaring air’ / ‘roaring fan’ / ‘air blowing’ / ‘jet engine’-like sound, particularly during calm weather conditions (and possibly during inversion events, which will amplify noise levels in the acoustic environment), as reported by two residents located approximately 1 – 1.5 km to the south of Weston Aluminium operations. The following general comments are made:
 - No operational, plant performance or maintenance issues were experienced during each complaint event;
 - Plant operations, including baghouse operations are of a constant / continuous nature, and are not intermittent, nor fading in / out. Casting activities occurring within the Plant Building, and mobile plant movements occurring externally, are intermittent, but not consistent with the noise described;
 - Team Leaders made observations at the site boundary, in the vicinity of the complainant’s residences, and in the general industrial area, and no observation of this type of noise could be made. During some of the complaint events, Weston Aluminium operations were even idle (e.g. casting complete, Crews on break, Crews on shift-changeover, non-operational shifts due to manning constraints), and southern-most plant (closest to Complainants) were often not operational;
 - In response to recurring complaints of this nature, independent noise surveys were engaged by Weston Aluminium (September 2020 and April 2021) under calm meteorological conditions, targeting Alexandria and Northcote Streets Kurri Kurri, and with particular focus on the night-time period. Surveys could not detect the type of noise described by the complainants, and Weston Aluminium’s contribution to the acoustic environment during each survey event was below our compliance limits;
 - Further to the noise survey, Weston Aluminium also performed baghouse fan rebalancing events on a more frequent basis, and has also since replaced two of its fans as part of routine, preventative maintenance. It is noted, however, that this plant and equipment is not considered to be the source of noise. Noise complaints in relation to the air-like noise continued to be made; and

	DA 86-04-01 and LEC 10397 of 1995 COMPLIANCE REPORT OPERATIONAL	Revision	0
		Page No:	30 of 33
		Prepared By:	C. McClung
		Authorised By:	G. Snedden
		Issue Date:	14-09-2021

- Observations by site personnel at the time of the complaints suggest that a cooling tower at the rear of a nearby industrial operation (to the south of Weston Aluminium; closer to the complainants) is a likely source of the 'air-like' noise. This has been articulated to the NSW EPA for further investigation;
- Weston Aluminium's Maintenance Department continues to perform regular inspection of fans and discharge points, and noise attenuation devices remain in place and in service. Team Leaders continue to maintain an awareness of plant operations, and observe the nature of noise and possible noise sources beyond our Plant boundary. No further action is considered;
- In relation to one of the odour complaints, the odour observed (strange, burning rubber-like smell) is not consistent with Weston Aluminium's operations, no operational or maintenance issues were experienced at the time of the complaint, and meteorological conditions at the time confirmed that Weston Aluminium was located downwind of the Complainant. This odour is not attributable to Weston Aluminium;
- In relation to the other odour complaint, the nature of odour observed was not defined, however, no operational or maintenance issues were experienced, nor were any odours observed. 'Electrical-like' odours were reported to Weston Aluminium (and other neighbouring entities) by a Sawyers Gully resident around the same time, and Weston Aluminium is unsure if the complainant's observations are related. In any case, the source of the odour was later determined by the NSW EPA to be further to the north of Weston Aluminium; and
- Weston Aluminium continues to operate and maintain its plant, equipment and combustions systems in accordance with manufacturer's specification and preventative maintenance requirements. Staff members continue to make observations of night time odour and are instructed to document any findings in an attempt to ascertain odour source(s). No further action is considered.

 Weston Aluminium Pty Ltd	DA 86-04-01 and LEC 10397 of 1995 COMPLIANCE REPORT OPERATIONAL	Revision	0
		Page No:	31 of 33
		Prepared By:	C. McClung
		Authorised By:	G. Snedden
		Issue Date:	14-09-2021

APPENDIX A

COMPLIANCE MONITORING AND REPORTING PROGRAM
Compliance Table

ID NO.	COMPLIANCE REQUIREMENT	DEVELOPMENT PHASE	LEAD TIME	MONITORING METHODOLOGY	EVIDENCE REQUIRED	RECEIVING AUTHORITY/DEPARTMENT	EVIDENCE AND COMMENTS	COMPLIANCE STATUS
Schedule 2 Condition 1	The Applicant shall implement all practicable measures to prevent and/or minimise any harm to the environment that may result from the construction and/or operation of the development.	All Development stages	At all times	Implementation of CEMP and OEMP and adherence to management and mitigation commitments.	Incident reports. Incident Notification. AEMRs. Compliance Reporting	Department of Planning, Industry & Environment (DPIE), NSW Environment Protection Authority (EPA) and Cessnock City Council (CCC), as required.	Mature Standard Operating Procedures, operator competency training, Environmental Management System, Environmental Management Plans, routine testing and inspection and Preventative Maintenance Program implemented. Plans updated to reflect Modifications to operations, activities and any changes to environmental aspects, as required. Strong compliance and high standard of environmental management history. Certification to ISO14001 achieved 2020 and maintained since.	Compliant
Schedule 2 Condition 2	The Applicant shall carry out the development generally in accordance with the: a) EIS as modified by the SEE; b) site plans (see Appendix A); c) conditions of this approval; and, during the spent potlining material processing trial, d) modification application DA-86-04-01 Mod 4 and 10397 Mod 2, and the enclosed Letter dated 26 May 2010 and Attachments 1, 2 and 3. e) Modification application DA-86-04-01 Mod 5 and 10397 Mod 3, and the enclosed SEE, dated November 2010, prepared by GHd; and f) during the extended spent potlining material processing trial, modification application DA-86-04-01 Mod 6 and 10397 Mod 4, and the enclosed Environmental Assessment, dated June 2011 and the Response to Submissions dated 17 August 2011, prepared by Weston Aluminium. g) Modification application DA-86-04-01 Mod 7 and 10397 DA 10397 of 1995 Mod 5, and the enclosed Environmental Assessment, dated 10 May 2012, prepared by AECOM and the Response to Submissions dated 21 June 2012, prepared by Weston Aluminium. h) Modification application DA-86-04-01 Mod 8 and DA 10397 of 1995 Mod 6, and the enclosed Environmental Assessment, dated 30 November 2012, prepared by Weston Aluminium. i) Modification request DA 86-04-01 Mod 9 and DA 10397 of 1995 Mod 7 and the enclosed Environmental Assessment, dated 12 March 2015, prepare by Weston Aluminium and the Response to Submissions, dated 15 July 2015, prepared by Weston Aluminium. j) Modification request DA 86-04-01 Mod 10 and DA 10397 of 1995 Mod 8 and the enclosed Environmental Assessment, dated 8 September 2016, prepared by AECOM and the Response to Submissions, dated 13 December 2016, prepared by AECOM. k) Modification request DA 86-04-01 Mod 12 and DA 10397 of 1995 Mod 10 and the enclosed Environmental Assessment, dated 10 July 2017, prepared by AECOM and the Response to Submissions, dated 3 November 2017 as amended by the additional information received on 12 April 2018, 30 August 2018, 22 October 2018, 13 December 2018, 28 February 2019, 8 April 2019 and 3 May 2019. If there is any inconsistency between the above, the conditions of this approval shall prevail to the extent of any inconsistency.	All Development stages	At all times	Implementation and monitoring of design, management and mitigation measure commitments and performance. AEMRs. Annual Returns. Compliance Monitoring and Reporting. This tool.	Compliance Reporting	DPIE and/or EPA, as applicable	Development and associated Modifications undertaken generally in accordance with Development Applications and associated Environmental Assessments. Management and Mitigation measures incorporated into Operational Environmental Management Plan, and updated on routine basis, or as part of Change Management.	Compliant
Schedule 2 Condition 3	The Applicant shall comply with any reasonable requirement/s of the Planning Secretary arising from the Department's assessment of: a) any reports, plans, strategies, programs or correspondence that are submitted in accordance with this approval; and b) the implementation of any actions or measures contained in these reports, plans, strategies, programs or correspondence.	All Development stages	At all times	Implementation and monitoring in accordance with strategies and plans	Compliance Reporting	DPIE and/or EPA, as applicable	Plan / Strategy updates performed in accordance with Department requirements (refer Modifications).	Compliant
Schedule 2 Condition 4	Prior to each of the events listed below, or within such period otherwise agreed by the Planning Secretary, the Applicant shall certify in writing to the satisfaction of the Planning Secretary, that it has complied with all conditions of this consent applicable prior to that event: a) commencement of any physical works associated with the development; and b) commencement of operations.	Construction and Operation	Prior to commencement of construction and commencement of Operational Phase	Notification to Department	Written Notification to Department	DPIE (and predecessors)	COMPLETED. Notification requirements associated with Modifications satisfied. Notification of MOD 12 provided to DPIE 16 Aug 2019.	Compliant
Schedule 2 Condition 5	The Applicant shall not process on site more than a combined total of 40,000 tonnes of dross aluminium, SPL and illicit and pharmaceutical waste and 35,000 tonnes of scrap aluminium metal per year.	Operational	Annual (historically reported as part of AEMR; coinciding with EPL anniversary (19 Dec - 18 Dec).	AEMR (historically (pre-2019) and now Compliance Monitoring	Compliance Reporting	Historically DPIE, EPA and CCC. Now DPIE	Historically Compliant. Current Reporting period - well-below limits (Reporting Period 16 Aug -15 Aug): Combined dross, SPL, illicit and pharma waste: 8,054 T (no SPL processed since Mar 2020; illicit drug and pharma waste diverted to TPF to support commissioning activities); Scrap processed: 9,480 T	Compliant
Schedule 2 Condition 5A	The Applicant shall not process on site more than 2,000 tonnes of pharmaceutical waste and 5 tonnes of illicit drug waste per year.	Operational	Annual (historically reported as part of AEMR; coinciding with EPL anniversary (19 Dec - 18 Dec).	AEMR (historically (pre-2019) and now Compliance Monitoring	Compliance Reporting	Historically DPIE, EPA and CCC. Now DPIE	Negligible quantities processed: Illicit waste: 0.503 T; Pharmaceutical Waste: 0.995 T. As above, illicit drug and pharmaceutical wastes have been diverted to the Thermal Processing Facility during the Reporting Period to support commissioning activities.	Compliant
Schedule 2 Condition 5B	No more than 5 % by mass of pharmaceutical and illicit drug waste is to be co-processed with Aluminium Dross and/or SPL in the furnaces.	Operational	At all times	SOPs and training. Operational Data Sheets and SiteTracker	Operational Data Sheets Excursions to be reported via Compliance Reporting.	DPIE	Maximum rate during Compliance Period has been 4.3% (w/w) of total feed. Typically charged at rate of <2.5% (w/w). Co-processing ratios defined in Standard Operating Procedures.	Compliant
Schedule 2 Condition 5C	The Applicant must not process liquid pharmaceutical or illicit drug waste unless approval is granted by the EPA.	Operational	Following commencement of MOD 12	Operations-coordination and recommencement following Consent and EPL Variation issue.	Notification to EPA of commencement of Proof of Performance (PoP) Testing in accordance with EPL requirements.	EPA	No liquid pharmaceutical or illicit wastes have been processed since MOD12 commencement.	Not triggered
Schedule 2 Condition 6	The Applicant shall not process more than 15,000 tonnes per year of dross aluminium sourced from overseas smelters and secondary aluminium processors.	Operational	Annual (historically reported as part of AEMR; coinciding with EPL anniversary (19 Dec - 18 Dec).	Weighbridge reporting database, Rotary Furnace Operational Sheets and SiteTracker Database	Internal reporting	DPIE	No overseas dross processed since 2011 (clean-slatting of NZ Dross). Secondary dross processing well-below 15,000 tpa limit. Recent history (Reporting Period 16 Aug -15 Aug): 541 T	Compliant
Schedule 2 Condition 6A	The Applicant shall ensure that the combined total of Second Cut SPL and aluminium dross stored on site does not exceed 5,000 tonnes at any time.	Operational	Annual (historically reported as part of EHC Act Licence reporting (04 Oct- 04 Oct).	Monthly stocktaking records	Stocktake records and photographs	DPIE & EPA (as part of Environmentally Hazardous Chemicals Act Licence reporting obligations)	No SPL processed since Mar 2020. Zero SPL stocks on site beyond Mar 2020.	Compliant
Schedule 2 Condition 6B	The Applicant shall ensure that DA-86-04-01 Mod 8: a) is undertaken over a period of 12 months only; and b) during the operation of DA-86-04-01 Mod 8: i. no more than 3,000 tonnes of mixed spent potlining material is received on site over the 12 month trial period; and ii. no more than 1,000 tonnes of mixed SPL is stored on site at any one time.	Operational (during 12-mth Trial)	For duration of Mod 8 Trial program. Reporting as part of Monitoring & Verification Report (following Trial completion)	Furnace Operational Sheets, SiteTracker Database, Weighbridge database and monthly Stocktake records	Furnace Operational Sheets, SiteTracker Database, Weighbridge database and monthly Stocktake records and photographs	DPIE, EPA, CCC	COMPLETED. Trial performed Aug 2015 - Apr 2016 (< 12 months). Total tonnage delivered and processed: 352 tonnes. Stock quantity limit (<1,000 tonnes at any time) satisfied. Reported as part of Monitoring & Verification Report (20 May 2016). Regulatory approval for the Mixed SPL Processing Trial was granted by the NSW Department of Planning & Environment and the NSW Environmental Protection Authority (EPA) on 17 Feb 2013 and 15 Mar 2013 respectively. A variation to our Environmental Protection Licence (EPL) was subsequently sought from the EPA to improve the consistency of EPL wording with that of the Development Consent (approved 10 Jul 2014). Sourcing constraints.	Compliant
Schedule 2 Condition 6C	The Applicant shall ensure that DA 86-04-01 Mod 9: a) undertaken over a trial period of not more than 24 consecutive months only; and b) during the operation of DA 86-01-01 Mod 9: i) no more than 200 tonnes of illicit drug waste is received or processed on site over the 24 month trial period; and ii) no more than 1,000 tonnes of pharmaceutical waste is received, stored or processed on site over the 24 month trial period.	a) is Operational (during 24-mth Trial)	For duration of Mod 9 Trial program. Reporting as part of Monitoring & Verification Report (following Trial completion)	Furnace Operational Sheets, SiteTracker Database, Weighbridge database and monthly Stocktake records	Furnace Operational Sheets, SiteTracker Database, Weighbridge database and monthly Stocktake records and photographs	DPIE, EPA, CCC	COMPLETED. Trial performed Dec 2015 - Oct 2017 (<24 months). 1.9 tonnes Illicit drugs received and processed during the Trial. 141 tonnes of pharmaceutical drugs received, stored and processed during Trial. Reported as part of Monitoring & Verification Report (10 Nov 2017).	Compliant
Schedule 2 Condition 7	With the approval of the Planning Secretary, the Applicant may submit any management plan or monitoring program required by this approval on a progressive basis.	All Development stages	As required by the Planning Secretary	Compliance Reporting	Management Plan / Monitoring Program	DPIE, EPA, CCC, as required	Various updated Plans required as part of some Modification Instruments (e.g. updates to SMS, EMP, OEMP). Plans updated and issued to agencies, as required. Updated SMS and ERP prepared to the satisfaction of MOD 12 and SSD 7396 requirements in Sep 2019 (with minor updates to SMS provided Feb and May 2020). Approval of Planning Secretary granted 18 Sep 2019 and 13 May 2020 respectively). OEMP updated 04 Apr 2020 and approved by the Planning Secretary 14 May 2020.	Compliant
Schedule 2 Condition 8	Within six months of the commencement of DA-86-04-01-Mod 3, the Applicant shall obtain and provide copies of all necessary building certificate(s) from Cessnock City Council to the Planning Secretary, for the following works: a) extension of the ALDEX building; b) eight dross storage bays within the ALDEX building; c) pre-processing plant within the ALDEX building; d) annex to the Plant Building; e) covered conveyor between the ALDEX building and the Plant Building; f) Workshop in the north-western corner of the site; and g) Stack 6.	Within six-months of Mod 3 commencement	Within six-months of Mod 3 commencement	Engagement of PCA (AcroCert)	Building Certification	Planning Secretary	COMPLETED. Certification conducted by AcroCert as nominated PCA and issued to DPIE (24 Jul 2008). Building Certificate (CCC-issued) also held in archives dated 21 Jul 2010. Original Construction Consent Certificates (80161001 & 80161002) issued 27 Sep 2001 and 10 Oct 2001.	Compliant
Schedule 2 Condition 9	The Applicant shall ensure that all new buildings and structures, and any alterations or additions to existing buildings and structures, are constructed in accordance with the relevant requirements of the Building Code of Australia. Notes: • Under Part 4A of the EP&A Act, the Applicant is required to obtain construction and occupation certificates for the proposed building works. • Part 8 of the EP&A Regulation sets out the requirements for the certification of the development.	Construction	Prior to commencement of operations				COMPLETED. Refer Archives (circa 1998)	Compliant

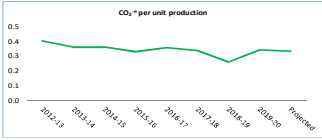
COMPLIANCE MONITORING AND REPORTING PROGRAM
Compliance Table

ID NO.	COMPLIANCE REQUIREMENT	DEVELOPMENT PHASE	LEAD TIME	MONITORING METHODOLOGY	EVIDENCE REQUIRED	RECEIVING AUTHORITY/DEPARTMENT	EVIDENCE AND COMMENTS	COMPLIANCE STATUS
Schedule 2 Condition 10	The Applicant shall ensure that all plant and equipment used on the site is maintained and operated in an efficient manner, and in accordance with relevant Australian Standards.	Operational	At all times	Maintenance Database. Equipment supplier specifications	Maintenance Database		MEX Maintenance system - Asset Register and Preventative Maintenance programs developed, implemented and plant operated in accordance with Australian Standards and equipment supplier requirements / specifications.	Compliant
Schedule 2 Condition 10A	Prior to the commencement of the DA-86-04-01 Mod 8, the Applicant must: a) obtain an updated EPL allowing DA-86-04-01 Mod 8 to proceed; and b) notify the Planning Secretary, Council and the EPA's Regional Manager Hunter in writing, 1 week prior to the commencement of DA-86-04-01 Mod 8 and within 2 days of the conclusion of the trial.	Prior to Mod 8 commencement (EPL) and 1 week prior to commencement and within 2 weeks of conclusion of Trial (Notification)	Prior to Mod 8 commencement (EPL) and 1 week prior to commencement and within 2 weeks of conclusion of Trial (Notification)		EPL variation issue and written notification	Planning Secretary, EPA and CCC	COMPLETED. Regulatory approval for the Mixed SPL Processing Trial was granted by the NSW Department of Planning & Environment and the NSW Environmental Protection Authority (EPA) on 17 Feb 2013 and 15 Mar 2013 respectively. A variation to our Environmental Protection Licence (EPL) was subsequently sought from the EPA to improve the consistency of EPL wording with that of the Development Consent (approved 10 Jul 2014). Notification to Authorities provided 14 Oct 2015 (Trial Commencement) and 12 May 2016 (Trial conclusion).	Compliant
Schedule 2 Condition 10B	Prior to the commencement of the DA-86-04-01 Mod 9, the Applicant must: a) obtain an updated EPL allowing DA-86-04-01 Mod 9 to proceed; and b) notify the Planning Secretary, Council and the EPA's Regional Manager Hunter in writing, two weeks prior to the commencement of DA-86-04-01 Mod 9 and within two weeks of the conclusion of the trial.	Prior to Mod 9 commencement (EPL) and 1 week prior to commencement and within 2 weeks of conclusion of Trial (Notification)	Prior to Mod 9 commencement (EPL) and 1 week prior to commencement and within 2 weeks of conclusion of Trial (Notification)		EPL variation issue and written notification	Planning Secretary, EPA and CCC	COMPLETED. EPL Variation received 01 Oct 2015 (Notice 1534264). Email Notification to Authorities by email 29 Sep 2015 (commencement) and 07 Nov 2017 (conclusion).	Compliant
Schedule 3 Condition 11	The Applicant must install and operate equipment in line with best practice to ensure that the development complies with all load limits, air quality criteria/air emission limits and air quality monitoring requirements, as specified in the EPL applicable to the site.	Operational	At all times	Real-time, continuous emissions monitoring systems, routine (Independent) compliance stack emissions monitoring.	Emissions monitoring Reports, Compliance Reporting, Annual Returns	DPIE and EPA, as required	Real-time fluoride (Stack 1) and particulate (all stacks; excl stack 6) monitoring systems operated. Pollution Control Systems (baghouses and baghouse-scrubbers) and associated monitoring systems operated and maintained in accordance with manufacturer's requirements. Filters changed routinely. Strong history of compliance achieved (refer former AEMR, Annual Returns, Compliance Reporting). Compliance stack testing conducted by independent provider in accordance with EPL requirements. Whilst not strictly treated by the NSW EPA as a 'Non-Compliance', WA has reported a single Non-Compliance as part of the 2020-21 Annual Return in relation to the Cyanide monitoring frequency (Discharge Point 1): Following EPL Variation (05 Nov 2020), the monitoring of cyanide from Point 1 (Stack 1) was altered from an annual to a biannual frequency. Cyanide monitoring was only performed on a single occasion during the 2019-20 EPL Reporting Period as insufficient time was available (owing to both production schedule and Consultant availability constraints owing to COVID restrictions) to schedule and perform an additional monitoring event before the EPL Anniversary Date (19 Dec 2020). The 2020 cyanide monitoring finding, and those associated with subsequent 2021 monitoring events, have confirmed strong compliance with the limit criterion, and no environmental impact is attributed. Biannual cyanide emission monitoring events have been scheduled since the EPL Anniversary Date in accordance with EPL requirements.	Non-Compliant
Schedule 3 Condition 13	The Applicant shall update its existing Air Quality Monitoring Program for the development to the satisfaction of the Planning Secretary. This program must: a) be prepared in consultation with the EPA; b) be submitted to the Planning Secretary for approval within one month from the commencement of DA-86-04-01-Mod 12; and c) include: • a program to validate the air emissions of the development, which involved carrying out monitoring of the emissions from the development; • mitigation measures and timeframe for their implementation in case of non-compliances with the emission limits referred to in condition 11; and • a program to monitor the ongoing performance of the development.	Operational	Within 1 month of commencement of Mod 12		EPA advice re: recommended conditions of Approval - defining Mod requirements. Formal submission of updated AQMP	DPIE	COMPLETED. Air Quality Management Plan updated to reflect both SSD 7396 (Medical & Other Waste Thermal Processing) and Mods 12 & 10 (Commercial Scale Pharmaceutical & Illicit Drug Waste Processing). Issued 23 Sep 2019. Minor amendment issued 19 Dec 2019 to Hamish Rutherford (EPA) to correct Stack references in line with EPL Variation (being considered at the time).	Compliant
Schedule 3 Condition 13A	Within 12 months of commencement of DA 86-04-01 Mod 12, the Applicant must prepare, to the satisfaction of the Planning Secretary, and submit to the EPA, an Air Emissions Verification Report. The Air Emissions Verification Report must include: a) air emissions sampling results undertaken for the previous 12 months; b) a comparison of the emission sampling results against the discharge limits specified for point 1 in the EPL for the site; and c) the approach, including timeframe for implementation, to resolve any non-compliances with the EPL, and the <i>Protection of the Operations (Clean Air) Regulation 2010</i> .	Operational	Within 12 months of commencement of DA 86-04-01 Mod 12			DPIE and EPA	COMPLETED. AEVR submitted to DPIE and EPA 16 Dec 2020. Approved by DPIE 10 Mar 2021.	Compliant
Schedule 3 Condition 14	The Applicant shall ensure that discharge points serving the facility are designed, constructed and operated generally in accordance with the parameters outlined in the EPL for the Development.	Construction and Operational	At all times	Discharge point design, construction and operation (routine compliance monitoring)	Emissions monitoring reports, describing stack dimensions, configuration and flow parameters	N/A	All discharge points constructed and operated in accordance with planning assessments and EPL requirements.	Compliant
Schedule 3 Condition 15	During construction, the Applicant shall ensure that: a) all trucks entering or leaving the site with loads have their loads covered; b) trucks associated with the development do not track dirt onto the public road network; and c) the public roads used by these trucks are kept clean.	Construction	At all times	Routine inspection		Upon request	COMPLETED. Traffic management commitments defined in original EIS (1996), subsequent assessments and Management Plans have been adhered to. Vehicle washbay used for wheel washing, as required. WA staff monitor adherence in regards to load and vehicle management (per NHVR (National Heavy Vehicle Regulator)) requirements on an ongoing basis.	Compliant
Schedule 3 Condition 16	The Applicant shall implement all reasonable and feasible measures to minimise the dust generated by the development.	All Development stages	At all times	Routine inspection	Routine inspection and housekeeping records	N/A	Production areas enclosed within buildings and ventilated to fabric filter dust collectors. Clean emissions discharged via respective stacks. Storage bunkers/bays enclosed with curtains. Internal and external housekeeping performed routinely to mitigate dust generation from trafficable and/or storage areas. Dust suppression used during sweeper and mobile shredder operations, and misting water curtains used in Plant Building (Front Bays) entry.	Compliant
Schedule 3 Condition 17	Within three months of the commencement of DA-86-04-01-Mod 3, the Applicant shall isolate each of the eight dross storage bays by curtains to improve the collection efficiency of dust from the localised area.	Operational	Within 3 months of Mod 3 commencement		Confirmation to DPIE (DoP)	DPIE (DoP)	COMPLETED. Mod 3 determined 4 Sep 2009; commencement of Mod 3 date to be confirmed. Confirmation of curtain installation by end Nov 2009 provided 12 Apr 2010 as part of responses to DoP Orders.	Compliant
Schedule 3 Condition 18	Within 6 months of the commencement of DA-86-04-01-Mod 3, the Applicant shall certify to the Planning Secretary that it has installed and commenced the operation of bag house No 7 in accordance with the SEE.	Operations	Within 6 months of Mod 3 commencement		Confirmation to DPIE (DoP)	DPIE (DoP)	COMPLETED. Confirmation provided 12 Apr 2010 and 27 Jul 2010 (delayed installation and commissioning program explained). Commencement of operations occurred 23 Jul 2010 (per 27 Jul 2010 correspondence).	Compliant
Schedule 3 Condition 19	Within 9 months of the commencement of DA-86-04-01-Mod 3, the Applicant shall certify to the Planning Secretary that it has installed and commenced the operation of bag house No 3 in accordance with the SEE, should the air quality monitoring referred to in condition 13 indicate that the air emission limit for BH No 7 referred to in condition 11 is exceeded.	Operational	Within 9 months of Mod 3 commencement	Assessment of Baghouse 7 emissions control performance upon commissioning	Confirmation of Baghouse 7 performance	DPIE (DoP)	COMPLETED. Confirmation provided 17 Sep 2010 of compliance Baghouse 7 emissions control performance. Confirmation that Baghouse 3 relocation will not be required. DPI letter received 23 Dec 2010 acknowledging BH7 emissions control performance, no requirement to relocate BH3, and confirmation of Condition satisfaction.	Compliant
Schedule 3 Condition 20	Within 6 months of the commencement of DA-86-04-01-Mod 3, the Applicant shall certify to the Planning Secretary that bag house No 2 has being detached from the ALDEX building and is servicing the dross storage area in the Plant Building only.	Operational	Within 6 months of Mod 3 commencement		Written confirmation of ducting arrangement modification	DPIE (DoP)	COMPLETED. Confirmation of ducting decommissioning and removal between Aldex Building and Baghouse 2 provided 27 Jul 2010 (Item 5).	Compliant
Schedule 3 Condition 21	The Applicant must maintain a continuous fluoride emission monitoring system, which in the event that the concentration of fluoride emitted to atmosphere exceeds the limit value of 1.4 milligrams per cubic metre must activate visible and audible alarms.	Operational	At all times	Real-time emissions monitoring system	System operation	DPIE (DoP)	Real-time, continuous fluoride emissions monitoring system installed at Discharge Point 1 (Stack 1). Controlled by Citect PLC (fluoride conc, lime slurry density, fluoride monitor signal strength, duct and BH temps, etc.). EPL defines hourly average limit of 1.4 mg/m ³ and instantaneous limit of 2 mg/m ³ . Visible and audible alarms activate conservatively at an instantaneous fluoride concentration of 1.2 mg/m ³ . Lime slurry sprays activated from 0.6 mg/m ³ to effect early control. No exceedances reported during Compliance Period.	Compliant
Schedule 3 Condition 22	If the one hour average concentration of gaseous fluoride emitted to atmosphere exceeds 1.4 milligrams per cubic metre at discharge point 1, then the plant or the section of the plant where the exceedance occurred, must cease operating until the Applicant is able to ensure compliance with the emission limits specified in the EPL for the Development.	Operational	At all times	Real-time emissions monitoring system	Monitoring data history	N/A	In event of approaching instantaneous and/or hourly average limits, furnace operations idled and burners lowered until fluoride concentration lowered; also allowing Maintenance intervention (e.g. lime blockage), as required. This operating protocol is reflected in Standard Operating Procedures and reinforced by Environmental Bulletins. No exceedances reported during Compliance Period.	Compliant
Schedule 3 Condition 23	A continuous recording and alarmed bag leak detector must be installed in each stack servicing the facility, excluding the stack 6, with calibration to detect bag failure. The results shall be included in the annual report required under condition 58 of this consent. In the event of a bag failure the failed bag shall be repaired or replaced as soon as possible within the current operational cycle.	Operational	At all times	Real-time emissions monitoring systems (all stacks, excluding Stack 6)	Monitoring data history	DPIE, EPA and CCC	Real-time, continuous and alarmed particulate monitors installed and operated on all stacks (excl Stack 6), and data used for broken bag detection and recovered for reporting. Weekly Environment inspections also document maximum readings. Monitoring data used as early indication of bag failure/leaks, and following dye checks, filter changes occur. Full compliance achieved.	Compliant
Schedule 3 Condition 24	The Applicant shall participate and implement recommendations from any regional Health Impact Assessment to the satisfaction of the Planning Secretary.	Operational					No regional Health Impact Assessments conducted, nor any request made, to date. WA will participate in the event of future Health Impact Assessment being sought.	Not triggered
Schedule 3 Condition 25	Except as may be expressly provided in an EPL for the development, the Applicant shall comply with Section 120 of the Protection of the Environment Operations Act 1997.	All Development stages	At all times	EPL monitoring	Monitoring data history	DPIE and EPA	Annual and rainfall-event-based water quality monitoring performed at Main Pond discharge point (Point 12) in accordance with EPL requirements. Since 2012, treated first flush waters reused on site for irrigation purposes. No direct discharges to the environment occur. No ≤120 breaches to date.	Compliant

COMPLIANCE MONITORING AND REPORTING PROGRAM
Compliance Table

ID NO.	COMPLIANCE REQUIREMENT	DEVELOPMENT PHASE	LEAD TIME	MONITORING METHODOLOGY	EVIDENCE REQUIRED	RECEIVING AUTHORITY/DEPARTMENT	EVIDENCE AND COMMENTS	COMPLIANCE STATUS																																														
Schedule 3 Condition 25A	All pharmaceutical waste must be stored in an enclosed (appropriately bunded and covered) area to prevent the contamination of stormwater.	Operational (Mod 9 and Mod 12)	At all times	Routine site inspections. Protocols followed for receipt and storage of pharmaceuticals in accordance with SOP.	Stocktake records and photos, weekly Enviro Inspection records		In accordance with SOP, all pharmaceutical wastes received for processing with the Rotary Furnaces are stored and handled within the Main Plant Building, which prevents the contamination of stormwater. Stocks of pharma waste are also maintained at very low/nil stock levels, as these wastes are instead processed in support of Thermal Processing Facility comissioning activities.	Compliant																																														
Schedule 3 Condition 26	Prior to commencement of construction, the Applicant shall implement erosion and sediment controls in accordance with the Department of Housing and Landcom's Managing Urban Stormwater: Soils and Construction.	Construction	Prior to Construction	Site inspections			E & S controls installed and maintained in accordance with the original EISs (1996 and 2001) and Erosion, Sediment and Water Management Plan (1997) - approved by EPA 17 Jul 97. Stormwater network and Main Pond continues to manage stormwater flows. Main Pond and network of Pits are routinely cleared as part of Preventative Maintenance Program.	Compliant																																														
Schedule 3 Condition 27	The Applicant shall prepare and implement its Erosion and Sediment Control Plan, Site Rehabilitation Plan and Water Management Plan detailing monitoring requirements and measures to control runoff from the site, contain spillages, minimise stormwater contamination, and dispose of contaminated water and process effluent. These plans shall be submitted to Council and EPA for approval prior to the commencement of construction of the development.	Pre-Construction	Prior to Construction				COMPLETED. CEMP and OEMP prepared as part of 2001 EIS. Plans prepared byt Boyden & Partners 03 May 1997 and approved by EPA, CCC and DLWC. Plans reflected therein and implemented.	Compliant																																														
Schedule 3 Condition 28	The Applicant shall comply with the restrictions in Table 3, unless otherwise agreed by the Planning Secretary. <table><tr><th colspan="3">Table 3: Construction Hours for the Development</th></tr><tr><th>Activity</th><th>Day</th><th>Time</th></tr><tr><td>Construction</td><td>Monday – Friday</td><td>7:00am to 6:00pm</td></tr><tr><td></td><td>Saturday</td><td>8:00am to 1:00pm</td></tr><tr><td></td><td>Sunday and Public Holidays</td><td>Nil</td></tr></table> Note: Construction activities may be conducted outside the hours in Table 3 provided that the activities are not audible at any residence beyond the boundary of the site.	Table 3: Construction Hours for the Development			Activity	Day	Time	Construction	Monday – Friday	7:00am to 6:00pm		Saturday	8:00am to 1:00pm		Sunday and Public Holidays	Nil	Construction	At all times	CEMP implementation			COMPLETED. Single breach regarding construction works carried out on Sunday 30 Nov 1997 without prior approval. Letter issued by CCC 1 Dec 1997 in reference to Complaint. At all other times, construction activities strictly limited to times defined in the Consent. Compliant during Compliance Reporting period.	Compliant																															
Table 3: Construction Hours for the Development																																																						
Activity	Day	Time																																																				
Construction	Monday – Friday	7:00am to 6:00pm																																																				
	Saturday	8:00am to 1:00pm																																																				
	Sunday and Public Holidays	Nil																																																				
Schedule 3 Condition 29	The Applicant shall ensure that the noise from the operation of the development does not exceed the noise limits presented in Table 4. <table><tr><th colspan="8">Table 4: Development Noise Limits (dB(A))</th></tr><tr><th rowspan="2">Location</th><th colspan="2">Daytime</th><th colspan="2">Evening</th><th colspan="2">Night time</th><th rowspan="2">Learest noise (dB(A))</th></tr><tr><th>Learest noise (dB(A))</th><th>Learest noise (dB(A))</th><th>Learest noise (dB(A))</th><th>Learest noise (dB(A))</th><th>Learest noise (dB(A))</th><th>Learest noise (dB(A))</th></tr><tr><td>Residences at the corner of Government Street and 10th Street</td><td>48</td><td>48</td><td>40</td><td>47</td><td>35</td><td>57</td><td></td></tr><tr><td>Residences on Northcote Street</td><td>44</td><td>44</td><td>-</td><td>44</td><td>40</td><td>57</td><td></td></tr><tr><td>Residences in the Light Industrial Zone on Mitchell Avenue and Railway Road</td><td>43</td><td>43</td><td>-</td><td>43</td><td>41</td><td>55</td><td></td></tr></table> Note: Condition 30 of this consent does not impose maximum allowable noise limits for residences on Horton Road and McCarra Road as the Applicant has established a negotiated agreement with the landowner of those properties in regard to noise.	Table 4: Development Noise Limits (dB(A))								Location	Daytime		Evening		Night time		Learest noise (dB(A))	Learest noise (dB(A))	Learest noise (dB(A))	Learest noise (dB(A))	Learest noise (dB(A))	Learest noise (dB(A))	Learest noise (dB(A))	Residences at the corner of Government Street and 10 th Street	48	48	40	47	35	57		Residences on Northcote Street	44	44	-	44	40	57		Residences in the Light Industrial Zone on Mitchell Avenue and Railway Road	43	43	-	43	41	55		Operational	At all times	Independent Noise Surveys performed in accordance with EPL requirements and frequency	Noise Monitoring Reports	EPA (accompany Annual Return)	Monitoring performed on a triannual basis in accordance with EPL requirements - both attended monitoring and modelling assessment. Strong compliance achieved to date. Minor predicted (modelled) exceedances (1 or 2 dB(A)) not considered notable in accordance with INP. A targetted night-time monitoring survey was performed in November 2020 in response to local noise complaints, though noise described could not be observed. Noise levels attribtuble to WA operations were found to be within limits. Attended compliance monitoring event is scheduled to be performed during the second-half of 2021.	Compliant
Table 4: Development Noise Limits (dB(A))																																																						
Location	Daytime		Evening		Night time		Learest noise (dB(A))																																															
	Learest noise (dB(A))	Learest noise (dB(A))	Learest noise (dB(A))	Learest noise (dB(A))	Learest noise (dB(A))	Learest noise (dB(A))																																																
Residences at the corner of Government Street and 10 th Street	48	48	40	47	35	57																																																
Residences on Northcote Street	44	44	-	44	40	57																																																
Residences in the Light Industrial Zone on Mitchell Avenue and Railway Road	43	43	-	43	41	55																																																
Schedule 3 Condition 30	The Applicant shall ensure that trucks are not entering and leaving the site outside the hours of 7.00am to 10.00pm.	Operational	At all times	Contract arrangements, weighhbridge manning hours and Main Gate closure			Truck access and egress from the site typically limited to 7am - 5pm Monday to Friday. Occasionally trucks may access and exit site as late as 6pm by special arrangement. Typically, no weekend deliveries or outings. Main Gate opening hours typically restricted to 7:00am - 5:30pm, Monday - Friday.	Compliant																																														
Schedule 3 Condition 31	The Applicant shall prepare and implement a Noise Monitoring Program, in consultation with the EPA. The Program shall be submitted for the approval of the Planning Secretary within three months of the commencement of operation of the development, and must include a noise monitoring protocol to evaluate compliance with development noise limits specified in Condition 28 and management measures to address any exceedances.	Operational	Prior to commencement of operations		Noise Monitoring Program development	EPA and DPIE	COMPLETED. Monitoring methodology defined as part of OEMP development (2001). Agreed Monitoring methodology is reflected in Noise Compliance Study Reports, which includes attended monitoring and modelling assessment.	Compliant																																														
Schedule 3 Condition 31A	If noise limits specified in Condition 28 are exceeded as a result of the briquetting plant modification, the Applicant shall fully enclose the concrete slab on the southern side of the Aldex building to the satisfaction of the Planning Secretary.	Operational	Following commencement of Briquetting plant (Mod 5)	Compliance noise monitoring	Compliance noise moitoring reports		COMPLETED. No exceedances to date as a result of Mod 5 activities. Therefore, no requirement to date to enclose concrete slab. Update: Briquetting Plant decommissioned in 2020. Condition no longer relevant.	Compliant																																														
Schedule 3 Condition 32	At least one month prior to construction of the development (except for construction of preliminary works that are outside the scope of the hazard studies), the Applicant shall submit for the approval of the Director General, the following studies: a) a Hazard and Operability Study for the process operations and fuel supply. This shall include the rotary cooler cooling water system, safeguards for hydrogen fluoride release, rotary furnaces and holding furnaces. The study shall be chaired by an independent qualified person approved by the Planning Secretary; b) a Final Hazards Analysis (FHA) prepared in accordance with the Department's Hazardous Industry Planning Advisory Paper No.6 'Guidelines for Hazard Analysis'; and c) arrangements covering the transport of hazardous materials including details of routes to be used for the movement of trucks. Further, the applicant shall enter into contractual arrangements with contract drivers to require the use of routes determined under this condition except where necessary for local deliveries. This should include a management plan and emergency procedures.	Pre-Construction	Prior to commencement of construction		Study preparations	DPIE	COMPLETED. Studies undertaken by Steve Sylvester (Granherne) as part of original Development. HAZOP, FHA, Fire Safety Study and Transport Risk Assessment Study forwarded to DUAP 09 Apr 1997. DUAP approved 28 Apr 1997. Studies subsequently updated in accordance with Modifications/SSD Approval requirements. All updated studies prepared and issued to DPIE (Jan-Feb 19). CSS approved 15 Mar 2019. FHA approved 10 May 2019. FSS updated (as single, stand-alone document) to reflect DPIE review comments (7 May 2019), and submitted 26 Nov 2019 (Approved by DPIE 16 Jan 20). HAZOP updated per DPIE comments (07 May 2019) and submitted 23 Dec 2019. HAZOP approved by DPIE (16 Dec 2020; inadvertent delay with written approval).	Compliant																																														
Schedule 3 Condition 33	At least two months prior to commissioning of the development, the Applicant shall prepare and submit for the approval of the Planning Secretary a Preliminary Hazards Implementation Update, certifying that the recommendations made in following studies have been fully implemented: a) Dross Processing Plant Additions at Weston Kurri Kurri, NSW - Preliminary Hazard Analysis, prepared by Granherne and dated 25 October 1999; and b) Proposed Additional Facilities at the Weston Dross Processing Plant Weston, NSW - Molten Metal Transportation Risk Assessment. Where it has been decided not to implement a particular recommendation, the reasons shall be clearly stated.	Pre-comissioning	2 months prior to commissioning of original Development				COMPLETED. Refer archives.	Compliant																																														
Schedule 3 Condition 34	Prior to the commencement of operation of the development, the Applicant shall develop an Emergency Services Cooperation Agreement in consultation with the emergency response teams relevant to the site and proposed haulage routes for molten aluminium (NSW Fire and Rescues, State Emergency Services and local bushfire fighting services, where relevant). The Agreement shall provide, but not necessarily be limited to: a) policies and procedures for the on-going supply of hazards information to the emergency response teams in relation to the site, molten aluminium transport and dross transport, including quantities and locations of hazardous materials and possible hazardous events associated with the site and dross/ molten aluminium haulage; b) policies and procedures for communication with the emergency response teams, and notification in the event of an emergency; c) any agreement for access to water stores at the development in the event of a bushfire; and d) any agreement for the provision of suitably qualified and appropriately trained employees from the site to assist where relevant in the event of a bushfire or emergency. The Emergency Services Cooperation Agreement shall be consistent with the Emergency Plan required under this consent. The Applicant shall supply a copy of the Emergency Services Cooperation Agreement to the Planning Secretary prior to the commencement of operation.	Pre-operational	Propr to commencement of operations				COMPLETED. Original intent was to facilitate molten aluminium transfers between Weston Aluminium and Hydro Aluminium Kurri Kurri (then VAW). Transfer of molten alumnium was not performed however, and is no longer part of the Development. Hydro Aluminium closure occurred in 2011.	Not triggered																																														
Schedule 3 Condition 35	Dross sourced from overseas smelters and secondary aluminium processors must be inspected prior to processing in accordance with the Inspection Protocol for Imported Dross, approved by the Land and Environment Court on 7 April 2000.	Operational	At all times		Protocol and Inspection records	Available upon request	COMPLETED. Dross inspection protocol developed (2002) and implemented for first 10 batches of dross delivered (NZAS dross).	Compliant																																														
Schedule 3 Condition 36	The Applicant shall store and handle all dangerous goods, as defined by the Australian Dangerous Goods Code, strictly in accordance with: a) all relevant Australian Standards; b) a minimum bund volume requirement of 110% of the volume of the largest single stored volume within the bund; and c) the EPA's Environment Protection Manual Technical Bulletin Bunding and Spill Management.	Operational	At all times				Plant Building dross/SPL storage bunkers designed in accordance with AS requirements. Structures roofed and bunded. Diesel facility bund also designed and constructed with >110% capacity of the tank (earlier 5,000L and then 8,000L USTs; approx 21,000L capacity bund). 2020 upgrade to tank to self-bunded 20,000L tank, which is still accomodated within the original bund for back-up containment. Secondary diesel storage facility in scrap yard (6,000L) is similarly a self-bunded design, and AS compliant). DG Notification and updates, as required, provided to SafeWork NSW, including designation of Depots, development of Manifest (contacts, site plans, SDSs, Risk Assessments and DG Register). Last Notification update Dec 2020. Manifest held in HAZCHEM cabinet at site entrance.	Compliant																																														
Schedule 3 Condition 37	At the commencement of DA-86-04-01-Mod 3, The Applicant shall have in operation emergency stop systems in ALDEX and Plant buildings, including a temperature sensor and an alarm, in the event of a fire.	Operational	Commencement of Mod 3		Annual Fire Safety Certification	CCC - annual basis (21 July anniversary)	COMPLETED. Emergency stops, alarms and associated signage installed in both Plant and Aldex Buildings. Conveyor motor has overtemperature sensor, and will stop in event of fire. Systems inspected routineley and form part of the Fire Safety Measures assessed and certified annually in accordance with CCC's schedule.	Compliant																																														
Schedule 3 Condition 38	The Applicant shall ensure that that haulage of molten aluminium is via Main Road 588 (Renshaw Drive) when travelling towards the Sydney-Newcastle Freeway (F3), rather than via Main Road 195 (Kurri Kurri-Mulbring Road) and Main Road 220 (Lake Road).	Operational	At all times				COMPLETED. Original intent was to facilitate molten aluminum transfers between Weston Aluminium and Hydro Aluminium Kurri Kurri (then VAW). Transfer of molten alumnium was not performed and is no longer part of the Development. Hydro Aluminium closure occurred in 2011.	Not triggered																																														

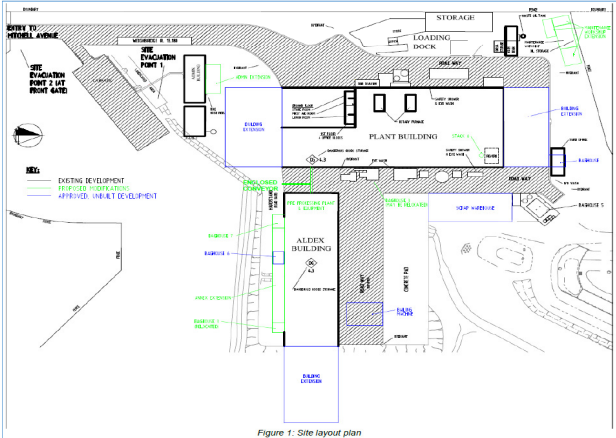
COMPLIANCE MONITORING AND REPORTING PROGRAM
Compliance Table

ID NO.	COMPLIANCE REQUIREMENT	DEVELOPMENT PHASE	LEAD TIME	MONITORING METHODOLOGY	EVIDENCE REQUIRED	RECEIVING AUTHORITY/DEPARTMENT	EVIDENCE AND COMMENTS	COMPLIANCE STATUS
Schedule 3 Condition 39	The Applicant shall ensure that all parking generated by the development is accommodated on site. No vehicles associated with the development shall park on the public road system at any stage.	All Development stages	At all times				40 parking spaces provisioned in Main Carpark (including 2 Visitors and 1 Disabled), and areas along access driveway and throughout siteare provided to park trucks and other vehicles (e.g. contractor service vehicles), as required. No parking occurs on Mitchell Avenue or any other public road. Truck management (parking, flows in/out, etc) is facilitated by Weighbridge Staff members.	Compliant
Schedule 3 Condition 40	During the development, the Applicant shall ensure that the development does not result in any vehicles queuing on the public road network.	All Development stages	At all times	Site Induction. Instruction to transport contractors.			As above, sufficient parking available on site. No parking occurs on Mitchell Avenue or any other public road. No queuing on the public road network occurs. Managed by Weighbridge Staff.	Compliant
Schedule 3 Condition 41	Prior to the commencement of operation of the development, the Applicant shall submit for the approval of the Planning Secretary a Transport Code of Conduct to outline management of traffic impacts associated with the site and minimum requirements for the movement of heavy vehicles to and from the site. The Code shall meet the requirements of Council and the RTA, should there be any. The Code shall include, but not necessarily be limited to: a) restrictions to routes, consistent with condition 37 of this consent; b) restrictions to the hours of transport operations, consistent with condition 29 of this consent, to avoid travelling built-up areas late at night or at times of high traffic flows in those areas; c) speed limits to be observed along routes to and from the site, in particular through built-up areas; d) minimum requirements for vehicle maintenance to address noise and exhaust emissions; e) load coverage requirements; and f) behavioural requirements for vehicle drivers.	Pre-operational	Prior to commencement of coperation			DPIE	Original Transport Code of Conduct prepared 2002. Transport Risk Assessment Study prepared for original development 1997 and forwarded to the then DUAP 09 Apr 97. DUAP approval received 28 Apr 97. Code of Conduct forms part of OEMP. Transport Code of Conduct (Route Selection) updated as part of Safety Management System update (Feb 2020) in response to Mod 12 and SSD7396 developments. Should significant changes to site activities / layout occur, this Transport Code of Conduct will again be updated. Code of Conduct also reflected in Transport Contractor Induction Package.	Compliant
Schedule 3 Condition 42	The Applicant shall ensure that the lighting associated with the development: a) complies with the latest version of Australian Standard AS 4282 (INT) - Control of Obtrusive Effects of Outdoor Lighting; and b) is mounted, screened and directed in such a manner that it does not create a nuisance to surrounding properties or the public road network.	All Development stages	At all times				External floodlighting installed in such a way as to be sensitive to neighbouring landuse and public roadways. Lighting aimed at ground in trafficable areas within the site. Lighting is not considered obtrusive from Mitchell Avenue view.	Compliant
Schedule 3 Condition 43	The Applicant shall prepare a Landscape Management Plan in consultation with Council prior to the commencement of construction of the development and provide details of existing and proposed tree and shrub species, finish of exposed surfaces (including paved areas), and outline a program for implementation.	Pre-Construction	Prior to commencement of construction				COMPLETED. Landscape Management Plan prepared as part of 2001 OEMP. Considered as part of subsequent Modifications, as applicable, and for consistency with the Asset Protection Zone (APZ) developed in consultation with NSWRFs.	Compliant
Schedule 3 Condition 44	The Applicant shall ensure that all waste generated on the site during construction and operation of the development is classified in accordance with the EPA's Waste Classification Guidelines and disposed of to a facility that may lawfully accept the waste.	Operational	At all times		Weighbridge records and Inspection Sheets		Specific Immobilisation Approval sought from NSW EPA 2005 (2005-S-13). Protocol for sampling and assessment developed. Extensions to SIA sought as required, including provision of statistical data analysis demonstrating classification and compliance with Approval. Beyond BHS residues, WA has essentially achieved a zero-waste status with respect to process residues. NEW SIA currently being sought to better reflect modified operations, per NSW EPA request.	Compliant
Schedule 3 Condition 45	Except as expressly permitted by an EPL, the Applicant shall not cause, permit or allow any waste generated outside the site to be received at the site for storage, treatment, processing, reprocessing or disposal, or any waste generated at the site to be disposed of at the site.	Operational	At all times	Period review of Consent and EPL provisions (particularly in response to Modifications and new Developments).	Weighbridge Records, Inspection Sheets, Operational Data Sheets		Wastes are received on site for reprocessing and resource recovery in accordance with regulatory approvals. No waste disposal occurs on site. Accepted wastes are in accordance with EPL provisions (Note: no asbestos waste received or accepted).	Compliant
Schedule 3 Condition 46	The Applicant shall investigate recycling options for ash and fume wastes and submit findings to Council and EPA within 12 months of the commissioning of the development, and every 12 months thereafter, until a feasible recycling alternative is found and implemented.	All Development stages	At all times until a feasible recycling option is identified and implemented.		Annual Environmental Management Reports	CCC, EPA and DPIE	COMPLETED. Progress with WA's investigation of recycling options reflected in former Annual Environmental Management Reports. WA established the Alternative Materials Division in 2007 to profile ash and dust streams, develop viable reuse markets, and eliminate landfill disposal. Since peak landfilling in FY07 (10,991 tonnes), landfilling rates dramatically reduced to <500 tonnes (FY11), and have remained low (typically <200 tpa) ever since. Ash beneficiation has recently been extended to Thermal Processing Facility bottom ashes.	Compliant
Schedule 3 Condition 47	The Applicant shall maximise on site waste recycling, in particular packaging materials, paper and any other such wastes.	All Development stages	At all times				WA introduced additional bins (Paper & Cardboard and Timber) in 2008 to improve recycling performance and reduce landfilling activity. WA has since moved to a more paper-free environment, and seeks low-packaging consumables purchases. Timber pallets are either reused on site for product dispatch, or otherwise stacked near the Plant entrance for recovery by the public for reuse - strong and highly competitive demand observed.	Compliant
Schedule 3 Condition 48	The Applicant shall not clear any native vegetation beyond the limits defined in Figure 4.1 of Additions to the Kurri Kurri Aluminium Refining and Recycling Facility - Volume II Construction Environmental Plan, prepared by URS and dated 23 April 2001.	All Development stages	At all times				Any clearing performed beyond that defined in CEMP has been performed in accordance with subsequent Modifications, and in consultation with NSWRFs / FRNSW as part on APZ establishment and maintenance, particularly after the significant local/regional bushfires in 2014 and 2016. FRNSW and NSWRFs particularly concerned about regrowth fuel load (e.g. near carpark and pond), and insisted on more routine hazard reduction (slashing).	Compliant
Schedule 3 Condition 49	Clearing for the development shall be restricted to areas of the site covered by the Angophora/Stringybark/Grey Gum community. The Forest Red Gum, (Eucalyptus tereticornis) community shall be preserved for its habitat value and ecological significance.	All Development stages	At all times				Vegetation Management Plan (15 May 1997) and supplementary information provided by WA (02 Jun 1997) indicated the majority of Forest Red Gum community would be retained. NPWS satisfied with VPM (letter 05 Jun 1997). Any clearing performed beyond that defined in CEMP has been performed in accordance with subsequent Modifications, and in consultation with FRNSW and NSWRFs as part on APZ establishment and maintenance, particularly after the significant local/regional bushfires in 2014 and 2016. FRNSW and NSW RFS particularly concerned about regrowth fuel load (e.g. near carpark and pond), and insisted on more routine hazard reduction (slashing).	Compliant
Schedule 3 Condition 50	The Typha swamp in the north-western corner of the site and Swamp Creek (and its associated drainage lines) shall be protected from siltation by appropriate means detailed in the Erosion and Sediment Control Plan.	All Development stages	At all times				Wetland construction and maintenance in accordance with the E&S Plan. Silt fencing also established and maintained at the northern boundary at the steepest sloped location. NPWS in letter of 05 Jun 1997 confirmed entire Typha swamp would be retained. Pg 15 of Erosion, Sediment and Water Management Plan outlines erosion controls downstream of work areas prior to works commencement.	Compliant
Schedule 3 Condition 51	The Applicant shall implement a program to minimise the presence and spread of weeds, in particular camphor laurel, on the site.	All Development stages	At all times		MEX database		Preventative Maintenance performed - removal and/or spraying of weeds, including Camphor Laurel. Weed Management Plan (03 Mar 2015) implemented. No camphor Laurel present on site since mid-2015. Common weed spraying is performed as part of ongoing Preventative Maintenance program.	Compliant
Schedule 3 Condition 52	In the event that Aboriginal objects are uncovered during the course of the development, the Applicant shall cease all works in the immediate areas, notify the EPA and implement any reasonable and feasible measures recommended by the EPA.					EPA / OEH	Nil artefacts identified to date.	Compliant
Schedule 3 Condition 53	The Applicant shall prepare and implement an Energy Savings Action Plan for the development to the satisfaction of the Planning Secretary. This plan must be prepared in accordance with the requirements of the EPA and the Guidelines for Energy Savings Action Plans, DEUS 2005, and be submitted to the Planning Secretary for approval within six months from the commencement of DA-86-04-01-Mod 3.	Operational	Within 6 months from commencement of Mod 3	ESAP preparation. Performance of actions monitored via annual NGER (National Greenhouse and Energy Reporting) reports.	ESAP	DPIE Planning Secretary	COMPLETED. Advitech engaged to prepare ESAP. Final Report (28 June 2010) submitted to the Planning Secretary (NSW DoP) on 27 Jul 2010. WA has since implemented numerous measures, including: routine Power Factor Correction checking and optimisation; installation of VSDs to various motors; routine burner tuning and optimisation; replacement of all hi-bay lighting with low-wattage LED; turning off lights and AC units after hours; identifying and eliminating compressed air leaks; and has installed pulse controllers on baghouses (for demand-based operation). Energy Conservation Plan also prepared for the original development and provided to CCC on 12 Mar 1997.	Compliant
Schedule 3 Condition 54	The Applicant shall, to the satisfaction of the Planning Secretary: a) monitor the greenhouse gas emissions generated by the development; b) investigate ways to reduce greenhouse gas emissions generated by the development; and c) report on greenhouse gas monitoring and abatement measures and energy efficiency measures identified in the Energy Savings Action Plan.	All Development stages	At all times beyond Mod 3	AEMR, NPI and NGER reporting	AEMR, NPI and NGER reporting	CCC, EPA and DPIE	GHG emissions reported via NGER (EERS) Reporting. Historical data demonstrates general improvements in energy efficiencies and reductions in GHG emissions per unit of production. 	Compliant

COMPLIANCE MONITORING AND REPORTING PROGRAM
Compliance Table

ID NO.	COMPLIANCE REQUIREMENT	DEVELOPMENT PHASE	LEAD TIME	MONITORING METHODOLOGY	EVIDENCE REQUIRED	RECEIVING AUTHORITY/DEPARTMENT	EVIDENCE AND COMMENTS	COMPLIANCE STATUS				
Schedule 3 Condition 54A	For the duration of the DA-86-04-01 Mod 8, the Applicant must: a) monitor and record, air emissions, including cyanide, hydrogen cyanide, fluoride, particulates and all pollutants and parameters specified in the EPL; b) cease processing, and notify the EPA and the Planning Secretary, should laboratory results indicate emissions of cyanide are greater the limits in the EPL or the Protection of the Environment Operations (Clean Air) Regulation 2010; c) monitor and record all processing conditions for the trial, including: i. the quantity and characteristics of all inputs; ii. the processing methods, including the rotary furnace temperature profile and the duration of thermal treatment; and undertake real-time monitoring of fluoride and particulate emissions and immediately cease processing, and notify the EPA and the Planning Secretary, should any exceedance of the limits in the EPL occur.	Operational	During Mod 8	Refer Monitoring and Verification Report	Monitoring and Verification Report	CCC, EPA and DPIE	COMPLETED. Monitoring and Verification Report for SPL Processing Trial (Mod 8) issued 20 May 2016, following Trial completion. All monitoring requirements satisfied. No exceedances of air emission criteria throughout Trial.	Compliant				
Schedule 3 Condition 54B	The Applicant must prepare a detailed monitoring report, on the outcomes of DA-86-04-01 Mod 8, to the satisfaction of the EPA and the Planning Secretary. The report must: a) be submitted to EPA, Council and the Planning Secretary within 90 days of the completion of DA-86-04-01 Mod 8; b) detail the results of the monitoring required in condition 54A above; c) compare the results of the trial to, the limits in the EPL and the EPA's air quality impact assessment criteria specified in the "Approved Methods for the Modelling and Assessment of Air Pollutants in NSW" (DEC 2005); d) describe any anomalies in the monitoring data, and any exceedances of the limits or assessment criteria; e) characterise the trial outputs and describe how these products are to be managed and disposed of, demonstrating compliance with condition 44; f) summarise the findings of the trial; g) recommend any actions that could be taken to minimise emissions during any future processing; and h) discuss the likely options for any future processing.	Operational	During Mod 8	Refer Monitoring and Verification Report	Monitoring and Verification Report	CCC, EPA and DPIE	COMPLETED. Monitoring and Verification Report for SPL Processing Trial (Mod 8) issued 20 May 2016, following Trial completion. All monitoring requirements satisfied. No exceedances of air emission criteria throughout Trial.	Compliant				
Schedule 3 Condition 54C	For the duration of DA-86-04-01 Mod 9, the Applicant must: a) monitor and record, air emissions and all pollutants and parameters specified in the EPL. All air quality monitoring must occur on a quarterly basis and whenever Pharmaceutical and Illicit Drug Waste material is being processed; b) ensure air quality emissions testing is completed in accordance with the EPA's Approved Methods for Sampling and Analysis of Air Pollutants in NSW; c) cease processing, and notify the EPA and the Planning Secretary, should laboratory results indicate emissions are greater than the limits in the EPL or the Protection of the Environment Operations (Clean Air) Regulation 2010; d) monitor and record all processing conditions for the trial, including: i) the names, contact details and qualifications and experience of the person(s) conducting and supervising the trial; ii) the source facility, a description of the waste type, amount and date received of each load of waste accepted for disposal as part of the trial; iii) all process conditions for the trial including the quantity of pharmaceutical and/or illicit drug waste in each batch processed, any other materials/additives processed in each batch, the temperature profile of the furnace during each batch processed and the residence time of the material within the furnace; and e) undertake real-time monitoring of fluoride and particulate emissions and immediately cease processing, and notify the EPA and the Planning Secretary, should any exceedance of the limits in the EPL occur.	Operational	During Mod 9	Refer Monitoring and Verification Report	Monitoring and Verification Report	CCC, EPA and DPIE	COMPLETED. Monitoring and Verification Report for Pharmaceutical and Illicit Drug Processing Trial (Mod 9) issued 11 Nov 2017, following Trial completion. All monitoring requirements satisfied. No exceedances of air emission criteria throughout Trial.	Compliant				
Schedule 3 Condition 54D	The Applicant must prepare a detailed monitoring report, on the outcomes of DA-86-04-01 Mod 9, to the satisfaction of the EPA and the Planning Secretary. The report must: a) be submitted to the EPA, Council and the Planning Secretary within 90 days of the completion of DA 86-01-01 Mod 9; b) detail the results of the monitoring required in Condition 54C above; c) compare the results of the trial to the limits in the EPL and the EPA's air quality impact assessment criteria specified in the "Approved Methods for the Modelling and Assessment of Air Pollutants in NSW" (DEC, 2005); d) describe any anomalies in the monitoring data, and any exceedances of the limits or assessment criteria; e) characterise the trial outputs and describe how these products are to be managed and disposed of, demonstrating compliance with conditon 44; f) summarise the findings of the trial; any actions that could be taken to minimise emissions during any future processing; and h) discuss the likely options for any future processing.	Operational	During Mod 9	Refer Monitoring and Verification Report	Monitoring and Verification Report	CCC, EPA and DPIE	COMPLETED. Monitoring and Verification Report for Pharmaceutical and Illicit Drug Processing Trial (Mod 9) issued 11 Nov 2017, following Trial completion. All monitoring requirements satisfied. No exceedances of air emission criteria throughout Trial.	Compliant				
Schedule 3 Condition 54E	Should approval be granted by the EPA in accordance with Condition 5C, liquid waste must be charged to the suitably hot furnace: a) after the molten aluminium is tapped out; and b) at the beginning of the next charge, prior to the addition of solid aluminium dross.	Operational	During Mod 12	SOPs and training. Operational Data Sheets and SiteTracker	Operational Data Sheets		Nil liquid wastes processed since Mod 12 approval. SOPs updated nevertheless. All liquids to instead be processed in the Thermal Processing Facility. WA to engage with EPA in future if liquid wastes are to be processed in the Rotary Furnaces.	Not triggered				
Schedule 3 Condition 54F	For the duration of the DA 86-04-01 Mod 12, the Applicant must monitor all processing conditions, the quantity and characteristics of all inputs and processing methods, including the rotary furnace operating profile and the duration of thermal treatment.	Operational	During Mod 12 processing operations	Per SOP for Pharmaceutical and Illicit Drug Processing	Refer Rotary Furnace Operations Sheets, Illicit Drug Inspection Sheets and Citect data output files.		Quantities and nature of pharmaceutical and illicit drug inputs and operational conditions recorded on inspection and rotary furnace data sheets. Note: only very small quantities processed during the Reporting Period.	Compliant				
Schedule 3 Condition 54G	12 months after the commencement of operation of DA 86-04-01 Mod 12, the Applicant must prepare a detailed monitoring report, on the outcomes of operation, to the satisfaction of the Planning Secretary. The report must: a) detail the results of the monitoring required in condition 54F; and b) include a tracking summary of the implementation and monitoring of mitigation measures as listed under Hazards and Risk, Table 15 Summary of Management Measures of the EA prepared by AECOM and dated 10 July 2017 and included in Appendix 8.	Operational	12 months after Mod 12 commencement				COMPLETED. Air Emissions Verification Report (AEVR) prepared and submitted to DPIE and EPA 16 Dec 2020. Scope achieved. AEVR approved by DPIE 10 Mar 2021.	Compliant				
Schedule 4 Condition 55	The Applicant shall implement the following Plans for the development: a) Additions to the Kurri Kurri Aluminium Refining and Recycling Facility - Volume II Construction Environmental Management Plan, prepared by URS and dated 23 April 2001; b) Additions to the Kurri Kurri Aluminium Refining and Recycling Facility - Volume II Construction Environmental Management Plan Appendices, prepared by URS and dated 23 April 2001; and c) Construction Safety Study, prepared in accordance with the Department's Hazardous Industry Planning Advisory Paper No. 7 - Construction Safety Study Guidelines.	Initial facility construction	During construction phase	Per CEMP			COMPLETED. Requirements defined in the CEMP and CSS were satisfied.	Compliant				
Schedule 4 Condition 56	The Applicant shall update the following Plans/Studies to reflect the requirements of this consent and submit the amended Plans for the approval of the Planning Secretary within three months from the commencement of DA-86-04-01-Mod 3: a) Additions to the Kurri Kurri Aluminium Refining and Recycling Facility - Volume III Operational Environmental Management Plan, prepared by URS and dated 23 April 2001; b) Additions to the Kurri Kurri Aluminium Refining and Recycling Facility - Volume III Operational Environmental Management Plan Appendices, prepared by URS and dated 23 April 2001; c) Fire Safety Study prepared in accordance with the Department's Hazardous Industry Planning Advisory Paper No. 2 'Fire Safety Study Guidelines' and the New South Wales Government's Best Practice Guidelines for Contaminated Water Retention and Treatment Systems. The study shall also be submitted to the NSW Fire and Rescue for approval; d) Emergency Plan detailing emergency procedures for the development, including detailed procedures for the safety of people outside of the development who may be at risk from the development. The Emergency Plan must be prepared accordance with the Department's Hazardous Industry Planning Advisory Paper No. 1 'Industry Emergency Planning Guidelines'; and e) Safety Management System covering all on-site operations and associated transport activities involving hazardous materials. The Safety Management System must specify all safety related procedures, responsibilities and policies, along with mechanisms for ensuring adherence to the procedures.	Operational (Mod 3)	Within 3 months of commencement of Mod 3		Updated OEMP, FSS, ERP and SMS	Planning Secretary	COMPLETED. Original plans prepared and approved (by then Planning NSW) in 2002. Updated documents: OEMP (AECOM; Dec 2009), FSS (AECOM, Dec 2009), ERP (WA, Nov 2009) and SMS (WA Nov 2009) issued to DPIE (03 Dec 2009) and subsequently approved. These documents have also been updated as part of subsequent Mods (e.g. Mod 7, 12 and SSD 7396) and as part of routine review and updates.	Compliant				
Schedule 4 Condition 56A	Within three months of each of the modifications listed below, the Applicant shall submit, for approval of the Planning Secretary, the relevant updated studies (as required by Condition 56 and described in table 5) to reflect the requirements of that modification. <table><tr><th>Modification</th><th>Plans</th></tr><tr><td>DA 86-04-01 Mod 12</td><td>56 d and e</td></tr></table>	Modification	Plans	DA 86-04-01 Mod 12	56 d and e	Operational (Mod 12)	Within 3 months of commencement of Mod 12	Diary entry	Submission of updated Plans	Planning Secretary	COMPLETED. Updated documents: ERP (WA, Sep 2019) and SMS (WA, Sep 2019; minor subsequent revisions Feb and May 2020) issued to DPIE (13 Sep 2019 and 03 Dec 2019). Also prepared in conjunction with corresponding Plan updates sought by SSD 7396. ERP approved by DPIE 18 Nov 2019. Safety Management System Manual approved by DPIE 13 May 2020.	Compliant
Modification	Plans											
DA 86-04-01 Mod 12	56 d and e											
Schedule 4 Condition 56B	The Applicant shall update the Safety Management System covering all on-site operations and security protocols for the storage, transport and incineration of pharmaceutical and illicit drug wastes.	Operational (Mod 9)	Prior to commencement of Mod 9	Diary entry	Submission of updated SMS	Planning Secretary	COMPLETED. Updated SMS (Core Engineering) 27 Nov 15, and issued to DPIE. Also refer above in relation to MOD 12.	Compliant				
Schedule 4 Condition 56C	Six months after commencement of operation of DA 86-04-01 Mod 12, the Applicant shall submit to the Planning Secretary, a report verifying that: a) the updated Emergency Response Plan required under condition 56 is effectively in place; and b) the updated Safety Management System required under condition 56 has been fully implemented and that records required by the system are being kept.	Operation (Mod 12)	6-months after Mod 12 commencement	Diary entry	Correspondence to DPIE	Planning Secretary	COMPLETED. ERP and SMS updated concurrently per Mod 12 and SSD 7396 requirements. ERP approved in Sep 2019, while SMS approved May 2020 following Department reviews and comment. Email of 06 Jul 2020 forwarded to DPIE confirming that thew ERP and SMS have been implemented and are currently in place.	Compliant				
Schedule 4 Condition 57	The Department must be notified in writing to compliance@planning.nsw.gov.au immediately after the Applicant becomes aware of an incident. The notification must identify the development (including the development application number and the name of the development if it has one), and set out the location and nature of the incident. Subsequent notification requirements must be given, and reports submitted in accordance with the requirements set our in Appendix C .	Operational	Immediately following incident, should a notifiable incident occur.	Routine Compliance monitoring and inspection	In-house documentation	DPIE and/or EPA, as applicable	Furnace fire incident of 17 Dec 2009 investigated and notification provided to the then DECC (13 Jan 2010). Root Cause and Actions defined. No incidents have occurred during the current Compliance Reporting Period.	Not triggered				

COMPLIANCE MONITORING AND REPORTING PROGRAM
Compliance Table

ID NO.	COMPLIANCE REQUIREMENT	DEVELOPMENT PHASE	LEAD TIME	MONITORING METHODOLOGY	EVIDENCE REQUIRED	RECEIVING AUTHORITY/DEPARTMENT	EVIDENCE AND COMMENTS	COMPLIANCE STATUS
Schedule 4 Condition 58	The Department must be notified in writing to compliance@planning.nsw.gov.au within seven days after the Applicant becomes aware of any non-compliance.	Operational	Within 7 days after becoming aware of a non-compliance, should a non-compliance occur.	Routine Compliance monitoring and inspection	Formal notification	DPIE and/or EPA, as applicable	No Non-Compliances determined during Reporting Period. Also refer above.	Compliant
Schedule 4 Condition 59	A non-compliance notification must identify the development and the application number for it, set out the condition of consent that the development is non-compliant with, the way in which it does not comply and the reasons for the non-compliance (if known) and what actions have been, or will be, undertaken to address the non-compliance.	Operational	Per Condition 58, in the event of a non-compliance.	Routine Compliance monitoring and inspection	Formal notification	DPIE and/or EPA, as applicable	No Non-Compliances determined during Reporting Period.	Compliant
Schedule 4 Condition 60	A non-compliance which has been notified as an incident does not need to also be notified as a non-compliance.	Operational	n/a				Noted	Not triggered
Schedule 4 Condition 61	No later than 1 week after the date notified for the commencement of operation of DA 86-04-01 Mod 12, a Compliance Monitoring and Reporting Program prepared in accordance with the Compliance Reporting Post Approval Requirements (Department 2018) must be submitted to the Department.	Pre-Operational	Within 1 week of notification of Modification commencement		Compliance Monitoring and Reporting Program	DPIE	Compliance Monitoring and Reporting Program prepared and issued to DPIE Compliance Team on 21 Aug 2019 (once all necessary Regulatory Approvals attained). This is within 1 week of Notification of commencement (which occurred on 16 Aug 2019).	Compliant
Schedule 4 Condition 62	Compliance Reports of the project must be carried out in accordance with the Compliance Reporting Post Approval Requirements (Department 2018).	Pre-Operational and Operational	Per Compliance Monitoring and Reporting Program schedule. Pre-Operational Report to be submitted by 06 Sep 2019, and Operational Reports annually thereafter	Report preparation in accordance with the Department's 2018 Compliance Reporting Post-Approval Requirements	Compliance Reports completion and submission in accordance with Compliance Reporting Program schedule. Reports to capture 16 Aug - 15 Aug each year.	DPIE	Compliance Reports prepared generally in accordance with PARs. Minor review comments by DPIE acknowledged in relation to former Compliance Reports, and adopted thereafter. Pre-Operational and 2019-20 Compliance Report made publically-available (via www.westonal.com.au) within 60 days following DPIE submission.	Compliant
Schedule 4 Condition 63	The Applicant must make each Compliance Report publicly available no later than 60 days after submitting it to the Department and notify the Department in writing at least 7 days before this is done.	Pre-Operational and Operational	Publicly available within 60 days of DPIE submission, and 7 days in writing to DPIE prior		Website upload, following formal written notification to DPIE	DPIE	Pre-Operational Compliance Report uploaded to Company Website same day as DPIE submission (05Sep19). Compliance Report for initial (16 Aug 19-15 Aug 20) reporting period uploaded 11 Sep 2020. DPIE notified of intended website publication within the required 7-days on 09 Sep 2020. 60 day publication requirement in compliance.	Compliant
Schedule 4 Condition 64	No later than 1 week after the date notified for the commencement of operation of DA 86-04-01 Mod 12, an Independent Audit Program prepared in accordance with the Independent Audit Post Approval Requirements (Department 2018) must be submitted to the Department.	Pre-Operational	Within 1 week of notification of Modification commencement			DPIE	Independent Program prepared and issued to DPIE Compliance Team on 21 Aug 2019 (once all necessary Regulatory Approvals attained). This is within 1 week of Notification of commencement (which occurred on 16 Aug 2019).	Compliant
Schedule 4 Condition 65	Independent Audits of the development must be carried out in accordance with: a) the Independent Audit Program submitted to the Department under condition 64 of this consent; and b) the requirements for an Independent Audit Methodology and Independent Audit Report in the Independent Audit Post Approval Requirements (Department 2018).	Operational	Per Independent Audit Program	Report preparation in accordance with the Department's 2018 Independent Audit Post-Approval Requirements	Independent Audit Reports completion and submission in accordance with Independent Audit Program schedule and per Department requirements	DPIE	Audits performed in accordance with Post-Approval Requirements. Initial Audit due within 52 weeks following Modification commencement (i.e. on or before 16 Aug 2020), and 3-yearly thereafter. Initial Audit tentatively scheduled for Aug 2020 (following resolution of DPIE Notice). Supporting documentation and pre-Audit Meetings conducted. DPIE endorsement received of RPS (IEA) and Advitech (HA) Audit Teams. Document provision to Audit Team on 24 Aug 20. Audit site visit again rescheduled due to COVID-19 and isolation of an Audit Team Member. Audit site visit performed 1 and 2 Sep 2020. Dialogue maintained with DPIE in relation to COVID impact upon timing of Audits. Audit Reports (and WA-developed Action Plans) submitted to DPIE 12 Nov 2020. Environment Audit accepted (DPIE correspondence 30 Jun 2021; no issue or request for further information). Hazard Audit generally accepted, but additional information sought by DPIE (23 Dec 2020). Advitech prepared and submitted response 28 Jan 2021. DPIE acceptance provided 04 Feb 2021.	Non-Compliant
Schedule 4 Condition 66	In accordance with specific requirements in the Independent Audit Post Approval Requirements (Department 2018), the Applicant must: a) review an respond to each Independent Audit Report prepared under condition 65 of this consent; b) submit the response to the Department; and c) make each Independent Audit Report and response to it publicly available no later than 60 days after submission to the Department and notify the Department in writing at least 7 days before this is done.	Operational	Submit and respond to Audit Reports in a timely manner. Publicly available within 60 days of DPIE submission, and 7 days in writing to DPIE prior	In-house reporting	Website upload, following formal written notification to DPIE	DPIE	Audit Reports (and WA-developed Action Plans) submitted to DPIE 12 Nov 2020. Notification of website publication also provided as part of correspondence. Website publication 23 Nov 2020.	Compliant
Schedule 4 Condition 67	Twelve months after the commencement of DA 86-04-01 Mod 12 and every three years thereafter, or at such intervals as the Planning Secretary may agree, the Applicant must carry out a comprehensive Hazard Audit of the development and within one month of each audit submit a report to the satisfaction of the Planning Secretary for approval. The audits must be carried out at the Applicant's expense by a qualified person or team, independent of the development, approved by the Planning Secretary prior to the commencement of the audit. Hazard Audits must be carried out in accordance with the Department's <i>Hazardous Industry Planning Advisory Paper No. 5</i> , 'Hazard Audit Guidelines'.	Operational	12 months following commencement of Modification (i.e. By 06 Sep 2020) and every 3 years thereafter. Reports to be submitted to the Planning Secretary for approval within one month of completing each audit. Auditor(s) to be pre-approved by the Department	Execution of correspondence. Hazard Audit Reports to be prepared in accordance with the Department's HIPAP No. 5 requirements	Auditor endorsement by the Planning Secretary. Hazard Audit Reports.	DPIE	Audits performed in accordance with Post-Approval Requirements. Initial Audit due within 52 weeks following Modification commencement (i.e. On or before 16 Aug 2020), and 3-yearly thereafter. Initial Audit tentatively scheduled for Aug 2020 (following resolution of DPIE Notice). Supporting documentation and pre-Audit Meetings conducted. DPIE endorsement received of RPS (IEA) and Advitech (HA) Audit Teams. Document provision to Audit Team on 24 Aug 20. Audit site visit again rescheduled due to COVID-19 and isolation of an Audit Team Member. Audit site visit performed 01 and 02 Sep 2020. Dialogue maintained with DPIE during COVID impact. As above, Audit Reports (and WA-developed Action Plans) submitted to DPIE 12 Nov 2020.	Compliant
Schedule 4 Condition 68	Within one month of each audit carried out in accordance with Condition B17 (65; typo error in Consent), The Applicant must submit a report to the satisfaction of the Planning Secretary for approval. The audit report must be accompanied by a program for the implementation of all recommendations made in the audit report. If the Applicant intends to defer the implementation of a recommendation, reasons must be documented. The Applicant must implement the recommendations to the satisfaction of the Planning Secretary.	Operational	Within 1 month of Independent Audit Report submission.	Translation of Audit Recommendations into report with appropriate timeframes for implementation.	Report - Actions, Timeframes, Status	DPIE	Audit Reports (and WA-developed Action Plans) submitted to DPIE 12 Nov 2020. Notification of website publication also provided as part of correspondence. Website publication 23 Nov 2020.	Compliant
Schedule 4 Condition 69	Any condition of this consent that requires the carrying out of monitoring or an environmental audit, whether directly or by way of a plan, strategy or program, is taken to be a condition requiring monitoring or an environmental audit under Division 9.4 of Part 9 of the EP&A Act. This includes conditions in respect of incident notification, reporting and response, non-compliance notification, compliance reporting and independent auditing.	Pre-Operational and Operational					Noted	Compliant
Schedule 4 Condition 70	Within 3 months of the approval of any strategy/plan/program required under this approval (or any subsequent revision of these strategies/plans/programs), or the completion of the audits or compliance reporting required under this approval, the Applicant shall provide a copy of the relevant document/s to: a) the relevant agencies, and b) any interested party upon request.	Pre-Operational and Operational	As applicable (refer above)	Refer above	Refer above	DPIE and/or EPA, as applicable	As above	Compliant
Appendix A Site Plan	 Figure 1: Site layout plan							

COMPLIANCE MONITORING AND REPORTING PROGRAM
Compliance Table

ID NO.	COMPLIANCE REQUIREMENT	DEVELOPMENT PHASE	LEAD TIME	MONITORING METHODOLOGY	EVIDENCE REQUIRED	RECEIVING AUTHORITY/DEPARTMENT	EVIDENCE AND COMMENTS	COMPLIANCE STATUS
Appendix B Hazard and Risk Mitigation Measures	Table 15 Summary of Management Measures						Hazard and Risk Mitigation Measures implemented for all operations (including the negligible quantities of pharmaceutical and illicit drug wastes processed in the Rotary Furnaces) during the Compliance Reporting Period, and continue to be implemented. Management Plans and Systems updated accordingly to reflect MOD 12 requirements. Also refer commentary above.	Compliant
	Issue	Mitigation Measures						
	Air Quality	- All existing air quality monitoring and management systems will continue to be operated for the duration of the Project; and - Monitoring of air emission parameters currently assessed for processing operations will continue to be undertaken in accordance with the existing emissions monitoring regimes.						
	Hazards and Risk	WA commits to the ongoing operation of existing and proposed site safeguards identified for the facility for the duration of operation of the Project: - Bag-houses – all bag-houses will be fitted with real-time, continuous particulate monitoring systems (existing); - Bag-houses – all bag-houses will be fitted with high differential pressure detection to activate bag pulsing and cleaning processes (existing); - Baghouse No.1 – Exhaust gases from the furnaces will be directed to Baghouse No.1 for treatment prior to release to atmosphere (existing); - The existing site Environmental Management System will be updated to incorporate the increased capacity with regards to pharmaceutical and illicit drug wastes. Change management procedures have been completed for the introduction of the processing trial, and prior to full scale commercial treatment the following documents will be updated: - Safety Management System; and - Environmental mitigation measures. - The Safety Management System Manual will be updated to include the operations and materials associated with the Project prior to the commencement of operation in accordance with the requirements of the <i>NSW Work Health and Safety Regulation 2011</i>; - The Emergency Response Plan will be updated to include specific responses to the hazard scenarios identified for this Project; - WA will continue to comply with the conditions of the EPL issued by the EPA under the POEO Act; - WA will update the SafeWork NSW Notification of Dangerous Goods for manifest quantities where the storage of DG materials is anticipated; - The transport of dangerous goods to and from site will be in accordance with the Australian Dangerous Goods Code of Practice / NZ 5433; and - As a part of the update to the safety management system manual, WA's dangerous goods policy, plans and procedures will be updated to include the requirement to store and handle all dangerous goods in accordance with the relevant Australian Standard for each class including: - AS 1940 – The Storage and Handling of Flammable and Combustible Liquids; - AS 4332 The storage and handling of gases in cylinders; - AS/NZS 4452, The storage and handling of toxic substances; - AS/NZS 3816, Management of clinical and related wastes; - HB 202, A management system for clinical and related wastes – Guide to the application of AS/NZS 3816, Management of clinical and related wastes; - AS 3780 – The storage and handling of corrosive substances; - AS/NZS 4681 – The storage and handling of Class 9 miscellaneous dangerous goods; and - AS/NZS 3833 – The Storage and Handling of Mixed Classes of Goods, in Packages and Intermediate Bulk Containers.						
		The following additional safeguards have been identified in protecting against the accumulation of flammable gases within the furnace in the event of a flameout: - During normal operation, the temperature of the furnaces would operate in the order of 900-1000°C; - In the event of burner failure, the furnace automatically undergoes a purge cycle as part of reset conditions (as per Australian Standard requirements), eliminating the potential for the accumulation of flammable gases; and - The operating temperatures would be well above the auto-ignition temperature of methane and also that of any hydrocarbon solvents that could be introduced in the waste stream that might be a potential source of flammable gases. Therefore it would not be possible for flammable gases to accumulate within the furnaces regardless of whether the burners were on or off. Many furnaces, once at operational temperatures, can operate for extended periods of time without the use of any auxiliary fuel burners utilising the energy release of the waste materials incinerated and residual hot ash to maintain the required combustion temperatures.						
	Traffic	- Transport of illicit drug wastes will be facilitated by NSW Police; - Transport of pharmaceutical wastes will be undertaken by licensed waste transport operators; and - Transport routes, material handling and quality control documentation protocols established and implemented for existing waste movements will be adopted for the transport and handling of these wastes.						
	Soil and Water	- All raw material truck delivery loads will be covered by tarpaulin or in sealed bins to prevent spillages, as per current process material deliveries; - All operations will be performed within enclosed buildings to mitigate against external spills; - Should a spill occur, site personnel will recover materials in accordance with established spill response procedures. Spilt material will be returned to storage for processing (i.e. not disposed of); and - The water quality monitoring program will continue to be implemented.						
	Greenhouse Gas	Practices currently in place at the plant to reduce GHG emissions, including the routine tuning and maintenance of furnace burners, will continue to be undertaken.						
	Noise	Truck movements will continue to be restricted to between the hours of 7am and 10am in accordance with Condition L5.1 of the EPL.						
	Waste Management	- Transport of pharmaceutical waste will be undertaken by licensed waste transport operators and the waste will be formally tracked in accordance with the NSW EPA's Online Waste Tracking protocol; - Transport of illicit drug wastes will be facilitated by NSW Police and relevant Chain of Custody procedures will apply; - WA standard operating procedures for material receipt and delivery record keeping will continue to apply for pharmaceutical and illicit drug wastes; - Prior to storage and/or processing, wastes will be inspected and details recorded on the relevant inspection sheet, including the date and time, the nature of the consignment, packaging type, mass / volume and the source; - Bulk bag wastes will be disposed of to an appropriately licensed facility in conjunction with routine site disposal protocols; and - No landfilling of the ash residues will occur.						
Social and Economic	- The site will be secure at all times and security will be maintained in accordance with defined protocols; - NSW Police will be responsible for the secure transport of illicit drug wastes to the facility, and will supervise the handling and complete destruction of these wastes immediately upon receipt. There will be no storage of illicit drugs on site. These processes will be thoroughly controlled and documented by NSW Police; and - In the event that pharmaceutical wastes requiring disposal do contain small quantities of precursors, WA will require formal prior notification from waste suppliers and will insist that such materials be segregated for either immediate processing upon receipt or secure onsite storage. Storage and processing of such wastes will be under the direct supervision of WA management and waste generator / agent representatives, as required.							

COMPLIANCE MONITORING AND REPORTING PROGRAM
Compliance Table

ID NO.	COMPLIANCE REQUIREMENT	DEVELOPMENT PHASE	LEAD TIME	MONITORING METHODOLOGY	EVIDENCE REQUIRED	RECEIVING AUTHORITY/DEPARTMENT	EVIDENCE AND COMMENTS	COMPLIANCE STATUS
Appendix C Incident Notification and Reporting Requirements	WRITTEN INCIDENT NOTIFICATION REQUIREMENTS 1. A written incident notification addressing the requirements set out below must be emailed to the Department at the following address: compliance@planning.nsw.gov.au within seven days after the Applicant becomes aware of an incident. Notification is required to be given under this condition even if the Applicant fails to give the notification required under condition 87 or, having given such notification, subsequently forms the view that an incident has not occurred. 2. Written notification of an incident must: a. identify the development and application number; b. provide details of the incident (date, time, location, a brief description of what occurred and why it is classified as an incident); c. identify how the incident was detected; d. identify when the applicant became aware of the incident; e. identify any actual or potential non-compliance with conditions of consent; f. describe what immediate stops were taken in relation to the incident; g. identify further action(s) that will be taken in relation to the incident; and h. identify a project contact for further communication regarding the incident. INCIDENT REPORT REQUIREMENTS 3. Within 30 days of the date on which the incident occurred or as otherwise agreed to by the Planning Secretary, the Applicant must provide the Planning Secretary and any relevant public authorities (as determined by the Planning Secretary) with a detailed report on the incident addressing all requirements below, and such further reports as may be requested. 4. The Incident Report must include: a. a summary of the incident; b. outcomes of an incident investigation, including identification of the cause of the incident; c. details of the corrective and preventative actions that have been, or will be, implemented to address the incident and prevent recurrence; and d. details of any communication with other stakeholders regarding the incident.						No incidents have occurred during the Compliance Reporting Period.	Not triggered

 Weston Aluminium Pty Ltd	DA 86-04-01 and LEC 10397 of 1995 COMPLIANCE REPORT OPERATIONAL	Revision	0
		Page No:	32 of 33
		Prepared By:	C. McClung
		Authorised By:	G. Snedden
		Issue Date:	14-09-2021

APPENDIX B

	DA 86-04-01 and LEC 10397 of 1995 COMPLIANCE REPORT OPERATIONAL	Revision	0
		Page No:	33 of 33
		Prepared By:	C. McClung
		Authorised By:	G. Snedden
		Issue Date:	14-09-2021

DECLARATION

Project Name	Weston Aluminium – Extensions to an existing aluminium dross recycling plant
Project Application No.	DA 86-04-01 MOD 12 and LEC 10397 of 1995 MOD 10
Description of Project	To allow the processing of up to 2,000 tonnes per year of pharmaceutical waste and 5 tonnes per year of illicit drug waste in existing furnaces
Project Address	129 Mitchell Avenue Kurri Kurri NSW 2327
Proponent	Weston Aluminium Pty Limited
Title of Compliance Report	Operational Phase
Date	14 September 2020

I declare that I have reviewed relevant evidence and prepared the contents of the attached Compliance Report and to the best of my knowledge:

- the Compliance Report has been prepared in accordance with all relevant conditions of consent;
- the Compliance Report has been prepared in accordance with the Compliance Reporting Post Approval Requirements;
- the findings of the Compliance Report are reported truthfully, accurately and completely;
- due diligence and professional judgement have been exercised in preparing the Compliance Report; and
- the Compliance Report is an accurate summary of the compliance status of the development.

Notes:

- Under section 10.6 of the Environmental Planning and Assessment Act 1979 a person must not include false or misleading information (or provide information for inclusion in) a report of monitoring data or an audit report produced to the Minister in connection with an audit if the person knows that the information is false or misleading in a material respect. The proponent of an approved project must not fail to include information in (or provide information for inclusion in) a report of monitoring data or an audit report produced to the Minister in connection with an audit if the person knows that the information is materially relevant to the monitoring or audit. The maximum penalty is, in the case of a corporation, \$1 million and for an individual, \$250,000; and
- The Crimes Act 1900 contains other offences relating to false and misleading information: section 307B (giving false or misleading information – maximum penalty 2 years' imprisonment or 200 penalty units, or both).

Name of Authorised Reporting Officer	Christopher McClung
Title	Projects & Environment Manager
Signature	
Qualification	B. Env. Sc (Chem Hons I)
Company	Weston Aluminium Pty Limited
Company Address	129 Mitchell Avenue Kurri Kurri NSW 2327