

### **KEY OBJECTIVES**

Alcoa of Australia Limited's ('Alcoa') goal for its Anglesea Power Station is to complete the environmental site assessment consistent with the requirements of the National Environmental Protection Measure 1999 (Assessment of Site Contamination) (as amended 2013) ('NEPM') and also consistent with the final end land use strategy as it develops.

Alcoa will also ensure compliance to the requirements of the Clean Up Notice 90011694 ('Notice') as issued to the location by the Victorian Environment Protection Authority (EPA) on 13 October 2020, replacing Notice 90006380 which was revoked on 14 October 2020, after Alcoa sought an extension of time for the completion of the environmental site assessment. The recently issued Notice requires the submission of quarterly reports on the soil and groundwater assessment activities at the Anglesea location and to confirm if any unacceptable risk to the environment has been identified. In the event of identifying contamination posing an unacceptable risk to the environment, Alcoa must develop and implement an interim clean-up plan in response to such an occurrence.

### **KEY METRICS**

	YTD (Q1 2021)
Non-Compliance with Laws and Regulations	0 (0)
Identified unacceptable risks to Human Health and Environment	0 (0)

### **NEPM**

#### *Activities in the last quarter:*

Since the completion of the Auditor approved Work Plan in February 2020, Alcoa's environmental consultants have focused on reviewing the results of the comprehensive sampling program for groundwater, surface water, sediment and soils, and developing the environmental site assessment (ESA) report for the power station.

As outlined in the previous reporting period, Alcoa's environmental consultants developed a work plan for a further event of targeted monitoring of groundwater, surface water, sediment and soils in early November 2020. The purpose of this work plan was to address a small number of data gaps identified in the development of the draft ESA. The work plan was reviewed by Alcoa and was subsequently submitted to the Auditor for review. The Auditor approved the work plan in early December 2020, with the sampling works executed in mid-December by Alcoa's environmental consultants.

In January 2021, the analytical results of the work plan were received, and the detailed review and analysis of the results commenced. A presentation to the Auditor and audit team was conducted in January on the preliminary soil results, with the development of an addendum report currently underway. The results of the groundwater monitoring conducted in October 2020 as well as the results of the recent surface water monitoring will be incorporated into the data set as part of the ESA report and discussion.

In parallel to the execution and review of the additional work plan results, the review process for the draft sections of the ESA report continued, noting that the process for review included a second iteration of the draft sections by the consultant and submission to the Auditor for review and comment during the quarter. This process continues to be comprehensive and iterative by design, with revisions and refinement of the report sections before verification by the Auditor can be achieved. Work has commenced on the development of the remaining sections of the ESA being the fate and transport, conclusion and recommendations sections.

As previously noted, Alcoa engaged the same consultants to conduct an environmental site assessment (consistent with the NEPM (ASC)) on the Mine Infrastructure area, notwithstanding that this parcel of land is outside of the power station area and the scope of the Clean Up Notice. During the reporting period, the development of the Mine Infrastructure ESA report was put on hold to enable the execution and review of the power station ESA as a priority.

During the period, work continued on the cap design of the Asbestos Landfill by the appointed landfill design consultant with the cap detailed design reports, drawings, technical specification and construction quality assurance plan being revised in preparation for the landfill EPA appointed Auditor's review. Post the Auditor's review and verification, the cap detailed design reports will be submitted to the Authority for approval prior to the construction of the landfill cap.

#### Planned activities for 1 February 2021 – 31 March 2021:

During the two-month period, the addendum reports covering the targeted monitoring results and discussion across the matrices on the power station site will be provided to Alcoa and the Auditor for review, and inclusion into the broader ESA report. The remaining sections of the ESA (fate and transport, conclusions and recommendations) will be provided to the Alcoa and the Auditor for review, finalising the ESA report ready for Auditor verification and submission to EPA by 31 March 2021, consistent with the requirements of the Clean Up Notice.

Although outside of the power station area and the scope of the Clean Up Notice, Alcoa's environmental consultants will continue to develop the ESA for the Mine Infrastructure Area, in readiness for review by Alcoa. All sections of the draft ESA are expected for Alcoa review in April 2021, post the submission of the power station ESA report.

The revision of the Asbestos Landfill cap detailed design reports, drawings, technical specification and construction quality assurance plan will be completed during the reporting period and provided to the second EPA appointed Auditor for review. Like the ESA review process, the Auditor's review will be comprehensive and iterative prior to finalising the documents to achieve Auditor verification. The verified landfill cap design documents will then be submitted to the Authority for approval prior to the construction of the landfill cap.

The third-party usage of Alcoa's onsite Water Storage Pond #2 to support the Anglesea River will continue with Barwon Water.

#### **ENVIRONMENTAL PERFORMANCE**

There have been no environmental non-compliance incidents since the cessation of operations.

#### **IDENTIFIED UNACCEPTABLE RISKS & CLEAN UP PLAN**

There have been no unacceptable risk issues identified.

#### **COMMUNICATIONS UPDATE**

During the period Alcoa continued to engage broadly with the Anglesea community and key stakeholders about the site's environment assessment and decommissioning activities.

Key community engagement and communication activities included press advertising, an email update to Alcoa's 1,000-strong email database and updates on the Alcoa website. During this period face to face engagement with the Alcoa Community Consultation Network has not been possible due to Government Covid-19 restrictions.

The Community Update was published in the Surf Coast Times and Armstrong Creek Times, posted on the [Alcoa website](#) and emailed to Alcoa's database. An update was also published in the Summer edition of 'Newsangle', the Anglesea Community House's newsletter.

Key environment topics covered were the mine monitoring and maintenance program and the mine void water filling strategy, including that Alcoa received an amended groundwater licence from Southern Rural Water to conduct a 12-month pumping test of the Upper Eastern View Formation aquifer to enable further investigation of using groundwater to commence the filling process.

Alcoa also continued to brief Government agencies on the status of onsite activities.

A copy of this report will be published on the [Alcoa website](#).

## **CONTACT**

If you have any questions regarding the project or this update bulletin, please feel free to contact;

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