



### **KEY OBJECTIVES**

Alcoa of Australia Limited's ('Alcoa') goal for its Anglesea Power Station is to complete environmental assessment work 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 90006380 ('Notice') as issued to the location by the Victorian Environment Protection Authority (EPA) on 10 October 2015 and amended on 25 September 2018. The 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 2020)
Non-Compliance with Laws and Regulations	0 (0)
Identified unacceptable risks to Human Health and Environment	0 (0)

### **NEPM**

#### *Activities since closure:*

During the quarter, the remaining sampling works as set out in the Auditor approved Environmental Work Plan were completed, inclusive of the outstanding soil bores in Ash Pond #1 on the former power station site. Until recently, Ash Pond #1 was leased by Barwon Water for the purpose of water storage associated with the maintenance of the Anglesea River and was inaccessible for sampling works. The lease with Barwon Water for the use of Ash Pond #2 for the purpose of water storage continues. The analytical laboratory testing associated with the sampling campaign on the former power station site is now underway. In parallel, the results from testing completed in 2019 are currently being reviewed and the development of the Environmental Site Assessment (ESA) report is underway.

The report on the groundwater monitoring event (GME) conducted in November 2019 was received during the quarter and is being reviewed by Alcoa's environmental consultant for inclusion into the ESA report. The GME program encompassed the newly installed wells as required by the Work Plan in addition to the existing groundwater well network.

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 quarter, the execution of the sampling work as set out in the Work Plan for the Mine Infrastructure area was completed with the exception of a small number of soil bores located at the historical landfarm. This sampling work is expected to be completed at the time of removal of the landfarm earthen bund, with the underlying soils to be validated.

Work continued on the cap design of the Asbestos Landfill with the completion of a third-party technical review of the draft design and the subsequent appointment of a new landfill design consultant during the quarter. Field sampling and analysis of onsite clay material was conducted to determine the geotechnical properties of the clay and to confirm the suitability of use as the capping material. This information will help inform the capping options for the asbestos landfill, prior to completing the detailed design of the cap. A review of the detailed design by the second EPA appointed Auditor will be completed, with approval then sought from EPA Victoria prior to the construction of the landfill cap.

#### Planned activities for 1 March - 1 June 2020:

During the coming quarter, it is expected that the review of the Work Plan results will continue and will be included in the development of the Power Station ESA report. The historical and more recent GME data will be reviewed to determine the correct groundwater segment to be applied to the power station site. This determination will be reviewed by the Auditor. The draft report will be prepared for review by the Auditor.

Although outside of the power station area and the scope of the Clean Up Notice, analysis of the results from the recent sampling works associated with the Mine Infrastructure Area will be completed and subsequent development of the ESA report by Alcoa's environmental consultants will commence.

Further work will be conducted on the cap design of the Asbestos Landfill during the quarter with the detailed design to be finalised and submitted to the Auditor for review and approval.

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 quarter Alcoa continued to engage broadly with the Anglesea community and key stakeholders about the site's decommissioning and environment assessment activities. Key community engagement and communication activities included two community meetings, press advertising and updates to the 975-strong email database.

An Alcoa Community Consultation Network (CCN) meeting was held on 16 December with more than 115 participants from community, local and state government, local authorities, Eden Project and Alcoa. The bi-monthly CCN forum, open to the public, continues to enable community stakeholders the opportunity to ask questions and receive information about Alcoa. The key environmental topics discussed included EHS performance and activities, the latest EPA quarterly report, the power station environmental assessment, and the mine rehabilitation activities including the mine void water filling strategy. The Eden Project Anglesea concept and community consultation activities were also discussed.

On 24 February another Alcoa Community Consultation Network meeting was held. More than 110 people attended the meeting from community, local and state government, local authorities, Eden Project and Alcoa. Key environmental topics included EHS performance and activities, the environmental assessments in the power station and mine infrastructure area, and the mine rehabilitation activities including the mine void water filling strategy. Meetings are advertised in the Surf Coast Times and in direct emails to more than 975 people on Alcoa's stakeholder database. Meeting minutes from both meetings are circulated to the Alcoa database and summaries are available at the [Alcoa website](#).

Alcoa also produced one Community Update (20 February) during the quarter. The update was published in the Surf Coast Times and on the [Alcoa website](#), and also emailed to Alcoa's stakeholder database. Key topics included the mine rehabilitation works, power station and transmission line removal works, environmental assessments, and an update about Eden Project Anglesea concept, and promotion of community consultation activities. Alcoa also continued to brief Government agencies on the status of the onsite activities.

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

# Alcoa Anglesea Clean Up Notice

## Quarterly Communication

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### CONTACT

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