

Alcoa Anglesea Clean Up Notice

Quarterly Communication

Issue 20, Q4 2020



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location by the Victorian Environment Protection Authority (EPA) on 13 October 2020, replacing Notice 90006380 which was revoked on 14 October 2020, after Alcoa sought an extension of time for the completion of the environmental site assessment.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 (Q4 2020)
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. During the period, all sections of the ESA were reviewed with the exception of the conclusion and recommendations sections, which are currently being developed. The process for review has included the initial review of the draft sections by Alcoa, refinement of the draft by the consultant and then submission to the Auditor for review and comment. 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. In October, the Auditor conducted a site walkover to review the current state of the power station premises subject to the environmental site assessment.

In addition to the review process, work is underway to develop a work plan for a further event of targeted monitoring of groundwater, surface water, sediment and soils, to address a small number of data gaps identified during the development of the draft ESA. The results of the work will be included in the ESA and will be subject to Alcoa and Auditor review upon completion. The groundwater section of the ESA will be further supported by the incorporation of the recent groundwater monitoring event (GME) results, with the field work completed in October 2020.

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. As previously communicated, all sampling work has been completed with 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. The October 2020 GME also included the groundwater wells located in the Mine Infrastructure area, the results of which will be included in the draft ESA report for the area.

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 finalised during the reporting period and provided to the second EPA appointed Auditor for 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.

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Planned activities for 1 November 2020 - 1 February 2021:

During the coming quarter, it is expected that the draft work plan for the targeted monitoring across the matrices on the power station site will be provided to Alcoa and the Auditor for review. Post its review and approval, the monitoring program will be executed, and the review of the results completed by Alcoa's environmental consultants. The results of this work will then be incorporated into the ESA and will be reviewed by Alcoa and the Auditor along with the remaining ESA sections for the conclusion and recommendations. The iterative review process of the draft ESA with the Auditor will continue throughout the quarter in preparation for finalising the ESA report for Auditor verification and final 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 during the reporting period.

The landfill Auditor's review comments are expected to be received during the reporting period on the Asbestos landfill cap detailed design reports. The review process is expected to be finalised during the reporting period with Auditor's cap design approval received, prior to future submission to EPA Victoria.

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 monthly press advertising, monthly email updates to Alcoa's 1,000-strong email database and regular updates on the Alcoa website. Note that during this period face to face engagement has not been possible as a result of Government Covid-19 restrictions.

Five Community Updates were published in the Surf Coast Times and Armstrong Creek Times. Each update was also posted on the [Alcoa website](#), and emailed to Alcoa's database. Two updates were also published in 'Newsangle', the Anglesea Community House's seasonal newsletter.

Key environment topics covered included: updates on the environmental assessment for the power station and former mine workshop, and the associated soil and groundwater sampling program; the capping required for the asbestos landfill; the mine rehabilitation works including the major earthworks program, mine slope erosion control measures and the developing waterbody; and the potential use of groundwater from the Upper Eastern View Formation (UEVF) to commence the mine void water filling process, and the proposed 12-month pumping test that Alcoa has applied to Southern Rural Water to conduct.

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](#).

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CONTACT

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