

KEY OBJECTIVES

Alcoa of Australia Limited's ('Alcoa') goal for its Point Henry location 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 90005302 ('Notice') as issued to the location by the Victorian Environment Protection Authority ('Authority') on 25 March 2015 and amended on 30 November 2016. The Notice requires the submission of quarterly reports on the soil and groundwater assessment activities at the Point Henry 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 2017)
Non-Compliance with Laws and Regulations	0 (0)
Identified unacceptable risks to Human Health and Environment	0 (0)

NEPM

Activities since closure:

Alcoa has continued to work with suitably qualified consultants for the development and execution plan of Preliminary Conceptual Site Models (pCSM) and Work Plans for all zones across Alcoa's landholdings. The aim of these activities is to close out identified data gaps in the Preliminary Site Investigations. During the quarter, onsite drilling and sampling works as outlined in the Work Plans continued for the Grasslands Wetlands, the Industrial site primarily the Switchyard, the Industrial Landfills and the Moolap Landfill by specialised drillers and suitably qualified consultants.

As scheduled, power and natural gas supply to the Industrial site ceased on August 31 2017, enabling the sampling works outlined in the Industrial Site Work Plan for the switchyard area to commence. Following the high-resolution soil sampling event in the previous quarter, an oil recovery system for the oil in groundwater plume under the Rolling Mill was commissioned. The commissioning program will see the unit increase in operational hours once the preliminary system testing has been completed. A groundwater monitoring event was completed in November on the Industrial Site with the results expected to be reported during the next quarter. It should be noted that no new Light Non-Aqueous Phase Liquid (LNAPL) was identified during the monitoring event. The site Sediment Investigation and Ecological Screening Level Development Report, along with the finalised Concrete and Debris Management Plan (CDMP) was submitted to the Auditor for review. A copy of the CDMP was also provided to EPA Victoria.

A submission to the Department of Environment, Land, Water and Planning (DELWP) and the City of Greater Geelong (COGG) was made during the quarter to obtain a Planning Permit enabling the sampling works on the eastern side of the Point outlined in the Industrial Landfills Work Plan. Approval has been granted by DELWP, with the submission currently residing with COGG for final approval. Pending this approval, the sampling work is now anticipated to be conducted in early 2018. A surface water monitoring event was undertaken during the quarter on the wetlands associated with the General Refuse and SPL Landfill with the results expected next month.

A groundwater monitoring event, inclusive of both the existing wells and the newly installed wells was completed at the Moolap Landfill with the results currently being reviewed.

Execution of the work plan for the Grasslands is nearing completion with all groundwater and surface water sampling outlined in the plan completed. A small number of soil samples are still outstanding, pending safe access and dry weather conditions to close out the plan. Analysis of the results and the development of the conceptual report is now underway. The ecological assessment as part of the Grasslands Wetlands Work Plan has been completed with the report by Ecology Australia expected to be received by Alcoa in December 2017.

A revised Work Plan for the Farmlands has been received by Alcoa and is currently being reviewed prior to submission to the Auditor.

Onsite decommissioning works have continued across site as previously advised to the Authority and consistent with the Environmental Aspects and Impacts registers associated with the major work packs.

Planned activities for 1 December 2017 – 1 March 2018:

The soil sampling and a survey of the drains is expected to be completed as part of the Grasslands Wetlands Work Plan along with the submission of the revised Work Plan for the Farmlands to the Auditor for review.

Work is progressing on the development of site specific clean up criteria for metals. Establishment of background metal concentration framework is complete with the Human Health Risk Assessment anticipated to be delivered to the Auditor for review in Quarter 1 2018.

Collation of the information from the monitoring across the Industrial site, the Industrial Landfills, Moolap Landfill and the Grasslands Wetlands and report development, ready for review, will continue during the quarter. Regain operation will cease processing Spent Potlining onsite at Point Henry by the end of December 2017.

Alcoa will continue to maintain regular contact with the EPA-Appointed Auditor with an onsite inspection scheduled in December.

ENVIRONMENTAL PERFORMANCE

No environmental non-compliance issues have been identified during the reporting period.

IDENTIFIED UNACCEPTABLE RISKS & CLEAN UP PLAN

There have been no unacceptable risk issues identified in the draft pCSMs and the Work Plan sampling completed to date.

COMMUNICATIONS UPDATE

During this quarter engagement continued with stakeholders from a broad range of sectors including community, neighbours, business groups, government, and community groups.

Alcoa is continuing its Community Advisory Board (CAB) meetings on a quarterly basis. This forum continues to enable community stakeholders the opportunity to ask questions and receive information on the decommissioning, remediation and future land use planning activities underway at Point Henry. The Quarter 3 Pt Henry CAB meeting was held on Monday 18 September. An overview of the location's environmental, health and safety metrics and site activities were presented and discussed. Key discussion points included progress on the environmental assessment/remediation, progress of physical decommissioning works, and updates on the Concrete and Debris Management Plan, Bioremediation and landfill consolidation.

As previously reported, CAB dates have been aligned to coincide with the submission of the quarterly reports, so that reports are communicated efficiently to the CAB group. The next CAB meeting is scheduled for 18 December 2017.

Alcoa's website [www.alcoa.com.au/pointhentry] continues to be updated and is a key communication tool. After submission to the EPA, a copy of this quarterly report will be made available on the website.

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

CONTACT

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

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Figure 1: Alcoa Point Henry Environmental Assessment Zones.

