

## **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 (Q3 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 outlined in the Work Plans for the Grasslands Wetlands, the Industrial Landfills and the Moolap Landfill by specialised drillers and suitably qualified consultants continued throughout the period.

On July 18 2017, the Auditor conducted a site visit and walkover of the Industrial site, inclusive of an update from the consultant EHS Support on the status of the Industrial Site Work Plan and ecological assessments.

Further ecological assessment and planning work was completed during the quarter to obtain a Planning Permit from the City of Greater Geelong to enable sampling works on the western side of the Point. A condition of the Permit required Alcoa to secure Native Vegetation offsets equivalent to the proposed areas of disturbance of 0.094 hectares, where sampling works are planned to be conducted. These offsets were secured and evidence provided to COGG in August, enabling the Grasslands Wetlands works to commence. A second ecological assessment was completed on the eastern foreshore of the Point in preparation for a further Planning Permit application to conduct sampling works as part of the Industrial Landfills Work Plan.

Preliminary works commenced for the design of a remedial plan for the oil in groundwater plume under the Rolling Mill, with a high-resolution soil sampling program conducted. The information from this program is currently being collated and will be included in the recovery system design. Also on the Industrial site, soil gas sampling was completed during the quarter, with the data analysis currently underway.

An assessment of the background metals in soil was conducted on the Farmlands zone with further work planned for next quarter. Post the installation of the groundwater wells at the Moolap Landfill, a program to develop the newly installed wells was completed. This work was undertaken in preparation for conducting a groundwater monitoring event, inclusive of both the existing wells and the newly installed wells planned for next quarter. A surface soil gas walkover and cap inspection was completed for both the Moolap and CPL Landfills.

The Sediment Screening Methodology Memo for the Industrial Site was reviewed by the Auditor with feedback provided on the draft to Alcoa. The Auditor's comments on the draft were reviewed, and the document amended accordingly with a finalised version submitted to the Auditor during the quarter.

Following the Auditor review, Alcoa provided feedback to the Auditor and finalised the Concrete and Debris Management Plan (CDMP). Alcoa held discussions with the Auditor and EPA Victoria during the quarter to align the approvals process for the CDMP, along with other proposed onsite remediation works, which include the onsite soil bioremediation program, a remediation plan for the constructed wetlands and the oil in groundwater plume, and a remediation/consolidation plan for the CPL Landfill to Moolap Landfill.

Onsite decommissioning works have continued with submission to the Authority of the Environmental Aspects and Impacts registers associated with the major work packs.

Planned activities for 1 September 2017 – 1 December 2017:

Continued drilling and sampling work for the Grasslands\_Wetlands, Moolap Landfill and the Industrial Landfills is expected to occur during the next reporting period with the revised Work Plan for the Farmlands expected to be submitted for review to the Auditor.

Further to the groundwater well installation work conducted in Quarter 3 at the Moolap Landfill, a groundwater monitoring event, inclusive of both the existing wells and the newly installed wells is to be completed during the quarter. The monitoring event will assist with understanding the hydrogeology setting for the area.

Work is planned for the development of a Human Health Risk Assessment to derive site specific clean up criteria for metals in soil for the site.

On August 31 2017, power and natural gas supply to the Industrial site will cease, allowing sampling works outlined in the Industrial Site Work Plan for the switchyard area to commence. This area was not previously accessible due to the continued function of the switchyard since closure. Regain operation is anticipated to continue until December 31 2017, based on diesel generated power and LPG supply.

Alcoa will continue to maintain regular contact with the EPA-Appointed Auditor with an onsite inspection expected to be conducted during the quarter.

**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. An overview of the location environmental, health and safety metrics and the site activities, which include updates on the decommissioning work and the environmental studies, are presented and discussed. The Quarter 3 CAB meeting was held on Monday 26 June. 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. 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. Key discussion points included progress on the environmental assessment/remediation of Point Henry, and the Point Henry 575 Concept Master Plan. The next CAB meeting is scheduled for 18 September 2017.

Alcoa's website [[www.alcoa.com.au/pointhentry](http://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. Previous reports have been uploaded.

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.

