

KEY OBJECTIVES

With the completion, and submission to the EPA, of the Environmental Site Assessment (October 31, 2019) for the Pt Henry site Alcoa's key objective is to complete an environmental audit report for the site, prepared in accordance with section 53X of the *Environment Protection Act 1970* and consistent with the EPA-approved audit scope by 1 December 2025.

Alcoa will ensure compliance to the requirements of the Clean Up Notice 90011235 ('Notice 90011235') as issued to the location by the Victorian Environment Protection Authority ('Authority') on 23 June 2020. This Notice requires the submission of six-monthly reports, providing an update on how the clean-up and on-going management of the premises has been or is likely to be achieved to comply with the notice requirements. In the event of identifying contamination posing an unacceptable risk to the environment, Alcoa must immediately notify the Authority. Consistent with previous notices, Alcoa will develop and implement an interim clean-up plan in this event.

KEY METRICS

	YTD (April 30 2022)
Non-Compliance with Laws and Regulations	0 (0)
Identified unacceptable risks to Human Health and Environment	0 (0)

KEY ACTIVITIES

Activities of the last six months:

Following the update provided to the Authority in October 2021, work has progressed on multiple fronts across the Alcoa landholdings. Post discussion with the Department of Environment, Land, Water and Planning, and EPA Victoria in December 2021, Alcoa EPA Appointed Auditor (Mr. Darryl Strudwick of AECOM) notified the Authority in April of the addition to the existing audit area to include land immediately east of Alcoa's land, which is licenced by Alcoa from the Crown to manage the site stormwater via the constructed wetlands. The 'licenced' areas have been subject to investigation associated with the Audit and some areas are being considered for remediation. As such, the Auditor has proposed that these areas be added to the original Audit area.

Upon review of the Classification approval 2019/385 (SO 9038128), Alcoa prepared an application to extend the Classification's Period of Validity beyond the current date of September 1 2022. Delays in the construction of the Moolap Landfill new containment cells in recent months will see the immobilised Category C waste placed in the new cells beyond the original date set. The delays with the construction have been outside of Alcoa's control. This administrative extension to the Classification will see all treated material continue to be stored within the former Carbon Bake building, posing no risk to human health or the environment.

In accordance with the Solid Media Management (SMM) RAP, the onsite bioremediation treatment process for the hydrocarbon impacted soils that commenced in December 2020, continued during the reporting period. The recovery of impacted soils in the Rolling Mill area is now complete, coupled with the validation sampling and analysis confirming compliance with the ecological and human health clean up objectives of the excavated areas and the remediated soils used for backfilling. The validation report is now being collated for review by the Auditor. The SMM bioremediation treatment process continues with further areas on the Industrial site being targeted for soil recovery and remediation required to complement future land use, consistent with the Alcoa Freehold Pt Henry 575 Concept Master Plan.

Further to the Auditor reviewed memo outlining the management approach to the Constructed Wetlands area east of the Industrial Site, work commenced on the development of the Eastern Foreshore (Constructed Wetlands and Landfill Foreshore Wetland) COPEC Refinement and Data Gap Distillation Memo and the Eastern Foreshore Surface Water and Sediment Criteria Development Memo. Both memos were reviewed and endorsed by the Auditor during the reporting period.

The Eastern Foreshore memos, the Old SPL/ Salt Dross Landfill hydrological conceptual site model and risk assessment will inform potential remediation options for the Old SPL/ Salt Dross and General Refuse landfill and the surrounding land area.

The Point Henry Groundwater Quality Management (GWQM) Plan was submitted to and endorsed by the Auditor during the period. The GWQM Plan included the most recent Groundwater Monitoring Event data and outlines the approach to monitoring and management of the groundwater well network.

Consistent with WA225397 / DL000225397, works commenced in November 2021 on the construction of the new containment cells at the Moolap Landfill as part of the landfill consolidation project. Current works at the landfill include the placement of the liner in the constructed cells, and preparation for the installation of the downgradient observation wells. Regular inspections by the EPA Appointed Auditor for the construction of the new cells have been conducted.

The CPL Sludge Disposal Area and Salt Dross Landfill RAP (the 'CPL Landfill RAP') progressed during the period with the Auditor's Verification Report and submission to the EPA imminent. The development of the Construction environmental management plan is underway for the works.

Planned activities for 30 April – 31 October 2022:

Work will continue for the planning for the remediation works in the Constructed Wetlands, including engagement of the relevant stakeholders and authorities where appropriate.

Recovery and treatment of impacted soils remaining on the Industrial site will continue throughout the period, consistent with the SMM RAP, informed by the ecological and human health clean up objectives. Bioremediation of the soils will continue with sampling and testing to confirm its suitability for backfilling of any excavated areas.

Following on from the Eastern Foreshore memos, the next steps will include further surface water sampling and analysis to address the existing data gaps, and the development of an ecological model as part of an ecological risk assessment. This work will be provided to the Auditor for review and will complement the remediation options for the landfill and the broader constructed wetlands area.

Construction of the Moolap containment cells will continue during the period and once cell preparation is deemed complete, an Operational Licence will then be sought from EPA Victoria permitting the landfill to accept the waste streams for which it has been approved. The installation of the downgradient groundwater observation wells will be completed with the wells developed, ready for monitoring. Planning for the placement of the various waste streams destined for the Moolap Landfill will continue.

The submission of the CPL Landfill RAP and the Auditor Verification report are expected early in the reporting period. Post Alcoa review, the CEMP for the CPL Landfill will be submitted to the EPA Appointed Auditor, the City of Greater Geelong and the Department of Environment, Land, Water and Planning for review. Upon endorsement by COGG and the regulatory agencies, works will commence on the recovery, transport and placement of the waste from the CPL Landfill placement in the new cells.

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 environmental site assessments nor the additional work completed to date.

COMMUNICATIONS UPDATE

During the period Alcoa engaged with the Community Advisory Board via a written update, enabling interested community stakeholders the opportunity to receive information on the decommissioning, remediation and future land use planning activities underway at Point Henry.

The 'Community Advisory Board Update – March 2022' included the site's environmental, health and safety metrics; the status of the environmental site assessment (ESA); and progress updates and photos about the strategic environmental remediation activities including the solid media management/bioremediation and landfill consolidation project.

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

A copy of this quarterly 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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