

# ALCOA ANGLESEA COMMUNITY CONSULTATION NETWORK

## AUGUST 2019 MEETING SNAPSHOT

**Meeting purpose:** A CCN meeting was held on 12 August to provide an opportunity for attendees to discuss the site's decommissioning and rehabilitation and the ongoing community engagement processes.



### Introduction

The meeting was independently facilitated by Jen Lilburn.

More than 125 people attended, including representatives from community, local and state government, local authorities and Alcoa.

FIGURE 1

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## Environmental Health and Safety

**Warren Sharp** (Anglesea and Point Henry Site Asset Manager) reported that there had been no injuries or environmental non-compliances since the last meeting. One security incident involving vandalism at the old look-out above the power station had occurred.

### Mine Sump Water

The water level at 2 August was approximately 8% of the proposed eventual total volume with a pH of 3.4.

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## Decommissioning and Rehabilitation

### Power Station Activity Update

Warren advised that demolition works are nearly complete with the removal of underground services and the crushing of concrete expected to be finished by the end of August 2019. Alcoa is continuing its environmental site assessment sampling process within the site, particularly in locations that previously housed underground fuel tanks and/or pipelines, to determine if there are any environmental impacts associated with those past practices. To date, no unexpected issues have been identified. A landfill cap design is being developed which will ultimately need EPA approval, after which Alcoa will proceed to permanently cap the onsite landfill.

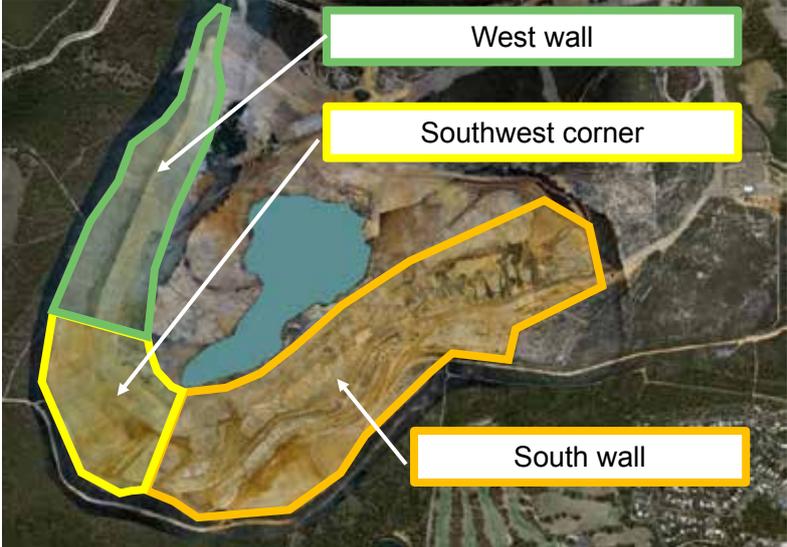
# Draft Mine Rehabilitation and Closure Plan Update

Warren advised that works are currently focused on the south wall, shown in orange in Figure 2 and Alcoa expects to complete all the re-profiling works by the end of 2019, subject to weather and equipment reliability.

## Mine reprofiling major earthworks underway



- Mibus Bros undertaking the re-profiling of the west and south walls of the mine.
- Expected to take approximately 12 months.
- West wall reprofiling and topsoil vegetation complete.
- Southwest corner reprofiling works almost complete.
- South wall reprofiling earthworks underway.



West wall

Southwest corner

South wall

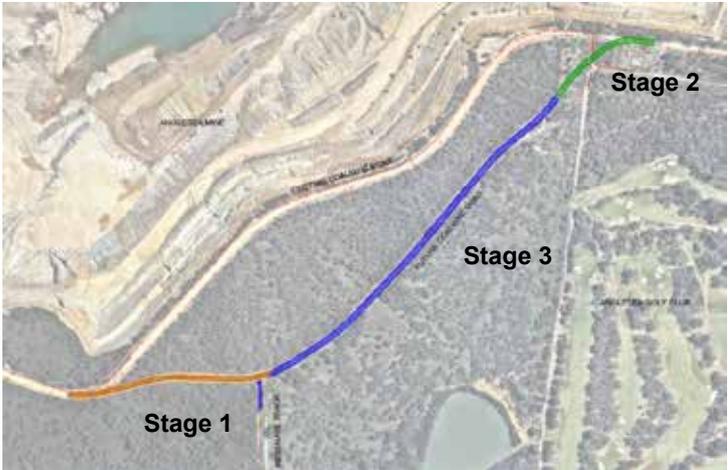
FIGURE 2

Works have commenced on the Stage 1 section (shown in yellow in Figure 3) of the relocation of a section of Coalmine Road. This has included the cutting of one of Barwon Water's pipelines (with agreement from Barwon Water), which will be re-established following completion of this section of road. Stage 2 works (shown in green in Figure 3) are scheduled to commence in September/October, followed by Stage 3 (shown in blue). All sections will be sealed with bitumen to meet SCS safety standard requirements. The future use of the road will not be determined by Alcoa. Following completion of the works, the road will be returned to SCS and will be a Shire asset.

## Coalmine Road relocation - 3 stages of works



- As part of the south wall reprofiling earthworks, Alcoa is relocating a section of Coalmine Road that will be removed.
- Stage 1 road relocation completed, in preparation for Barwon Water services installation during August.
- Full road construction design (hot mix asphalt) submitted to Surf Coast Shire for approval.
- The future use of this road will not be determined by Alcoa.



Stage 2

Stage 3

Stage 1

FIGURE 3

## Water

Warren provided an update on Alcoa's proposal to restore Salt Creek along its original course through the mine, thereby accelerating the filling of the water body. This proposal is in Alcoa's Draft Mine Rehabilitation and Closure Plan submitted to DEDJTR in 2017 and is currently being considered by DELWP to determine any potential downstream detrimental impacts that may result. A key potential issue with the proposal is its compatibility with DELWP's Sustainable Diversion Limit (SDL) Policy. Alcoa has also considered a number of alternative options which have been submitted to DELWP for consideration. These include the use of two groundwater aquifers under this area, these being the non-potable Upper Eastern View (UEVF) and Lower Eastern View (LEVF); the use of recycled water from Black Rock/Breamlea; and the natural fill option which is estimated would take approximately 50 years. It is possible that a combination of options may be used (Figure 4).

### Water strategy update



#### Options for filling water body

- Salt Creek restoration
- Natural fill (approx. 50 years)
- UEVF groundwater
- LEVF groundwater
- Recycled water

#### Status

- Options analysis submitted to DELWP
- Salt Creek SDL issues being reviewed with DELWP
- Recycled water option being reviewed with Barwon Water



Mine Rehabilitation & Closure Plan



FIGURE 4

**Jared Scott** (Coordinator Systems Performance - Infrastructure Systems, Barwon Water) advised that, over recent weeks, Barwon Water has pumped 25 megalitres from the Anglesea River into the ash pond leased from Alcoa for storage in readiness for its return to the river next summer. Despite this, the river levels have risen and 6 megalitres has come in from Marshy Creek but not much from Salt Creek. Barwon Water will continue to pump water for storage whilst working closely with DELWP, SCS and CCMA on monitoring river water levels.

**Hayley Vinden** (Estuaries and Environmental Water Project Officer, CCMA) advised that Surf Coast Shire will open the estuary within the next two days, the first time this has occurred in three years. The process of flocculation, where fine metals dissolve in the water column and reflect the light, turning the water a greenish colour, was observed in the river last week.

**NEXT MEETING: Monday 14 October 2019, 6pm at the Senior Citizens Club, McMillan St, Anglesea.**  
**ALL WELCOME**

The purpose of this document is to give community and other stakeholders a summary of what took place at the CCN meeting on Monday 12 August. For a full account of discussions at the meeting, email [angleseaps@alcoa.com.au](mailto:angleseaps@alcoa.com.au) requesting a copy of the minutes.

The CCN, established in 2001, provides advice and feedback on issues relevant to Alcoa and assists it to be responsive to the needs and concerns of the community. For further information about Alcoa and any of the topics in this snapshot, visit [www.alcoa.com.au/anglesea](http://www.alcoa.com.au/anglesea)