

Enviro Facts

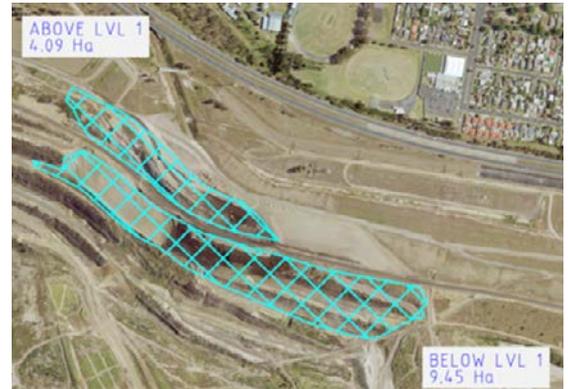


HAZELWOOD MINE

Northern Batters rehabilitation complete

The Hazelwood Northern Batters rehabilitation project is now complete with a total of 13.5 hectares planted with pasture grass. Some four hectares of pasture grass was planted on topsoil (50kg/ ha of seed) and 9.5 hectares directly into clay (75kg/ ha of seed). Seeding straight into clay without topsoil has mixed results. While the clay doesn't have any of the nutrients of topsoil to help fuel the seedlings, it has the advantage of being relatively weed free which helps in the overall weed control.

Before seeding, weeds were sprayed and the area fertilised at a rate of 200kg/ha after the batters were seeded.



Side-casting success

Hazelwood Mine's Production and Planning Groups saw an opportunity recently to capitalise on a short outage for a large stacker in the overburden dump.

Normally, after Dredger 25 digs overburden from its current location on 5 Level, it is transferred to a mobile slew which in turn places it on a conveyor belt for delivery to the overburden stacker, TS2, which in turn dumps the material on the mine floor.

While TS2 was out of use on a maintenance outage, the production and planning employees used the dredger and slew to drop overburden directly onto the batter below – an operation known as side-casting.

Mine Production Manager, Rob Dugan, said a great deal of planning and risk assessment went into the short project.

"This was the first time we had used this method in the mine," Rob said. "And with careful planning, we were able to utilise the available time in a productive manner to continue capping the coal batters and reducing fire risk."



South Eastfield Southern Batters

The focus has now turned to the South Eastfield Southern Batters, the section of the Mine visible from the Princes Freeway. The travelling overburden stacker known as TS2 has been transferred to this area and will continue working on this level, covering batters.

It will then gradually move its way around into the area known as the Knuckle where it will start covering the coal and adding overburden to assist the long term stability of the batters.

This is expected to take until the end of the year and then it will progress to the Westfield Southern Batters.

Meanwhile rehabilitation of the Eastern Batters is also continuing with the cutting down of the coal batters, reshaping and re-profiling them to a 3:1 gradient.

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HAZELWOOD POWER STATION

Shutdown activities progress

The project to remove lube oil from the turbines is continuing this week as part of the Hazelwood Power Station decommissioning project.

A significant amount of this oil has already been removed with the work expected to be completed on 9 June.

In other decommissioning work, more than 740,000 litres of transformer oil was safely removed and taken offsite for reuse. As part of a Waste Management Plan approved by the EPA, the removal was carried out by an outside contractor specialised in this work.

Progressive cleaning of the eight massive boilers, located in the heart of Hazelwood Power Station, has been completed

by local contractor AsClear with the external cleaning now underway.

A team of around 90 employees worked two shifts for 24 hours a day cleaning the boilers and associated plant which included removing all leftover fuel. Specialised equipment on vacuum trucks, located in the basement of the station, sucked out ash and dust from the boilers and associated areas.

AsClear employees are now washing the externals of the 50 metre high boilers including the roof trusses, wall cladding, beams and drains. Special industrial cleaning hoses are used to remove all coal dust, ash or build-up of any excess materials.

Tropical fish clean up

ENGIE Hazelwood continues to work with the State Government, Fisheries Victoria and Latrobe City Council around issues associated with Hazelwood Pondage.

The business met with council on 17 May to discuss the clean-up of any dead tropical fish found in the Pondage due to the drop in water temperature.

This drop has the potential to increase the numbers of introduced fish dying over winter including the introduced barramundi.

Hazelwood has assured council there will be no cost to

ratepayers with ENGIE Hazelwood and Fisheries Victoria agreeing to share the costs associated with the fish removal process. A commercial fish harvester will assist with this work.

ENGIE Hazelwood has also cooperated with Fisheries Victoria to relocate some of the barramundi to the storage area of the Pondage where the water is warmer due to the natural artesian outlet. This area is prohibited to the public.

Meanwhile Hazelwood staff and contractors continue to monitor the Pondage weekly for temperature, levels and algae.

Rainfall Summary 1982 to March 2017

