

Energy Brix onsite asbestos disposal proposal



Presentation: Barry Dungey, General Manager EBAC Remediation



Tonight's agenda

Site background

Proposed plans for on site asbestos disposal

Key responsibilities - asbestos removal/disposal

Questions on asbestos disposal with Technical Panel:

Mark Koller (GHD - asbestos disposal cell design), Paul Erbs (Mairin - Hygienist)

Diesel Generation Project Planned for the Summer Peak (Aggreko)

Questions on Diesel Generation Project (Aggreko)



Site background

- ▶ Site was manufacturing briquettes until August 2014.
- ▶ Continued to supply Hazelwood Power Station until January 2017 with auxiliary fuel from onsite stockpiles blended with Black Coal.
- ▶ In October 2015, HRL Limited the parent company of EBAC, went into voluntary administration. PPB Advisory was appointed as administrators for the HRL Limited group of companies.
- ▶ The EBAC site has been for sale since March 2016. PPB advised in September 2017 that a company called Coal Energy Australia (CEA) had entered a heads of agreement to purchase the site, on the condition that the power station was demolished.
- ▶ Any demolition work at the site has been halted since May 2017 due to Heritage Victoria proposing that the site met three of the seven criteria for heritage listing.
- ▶ Presentations were made to Heritage Council in October 2017 by all affected parties and we await their decision.
- ▶ Preparations continue onsite to allow power station demolition to commence as soon as possible following a ruling from the Heritage Council.



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The extent of asbestos at EBAC

- ▶ The EBAC Power Station and surrounding buildings contain significant quantities asbestos contaminated materials (i.e. insulation, cladding, floor tiles, wet area sheeting, gaskets).
- ▶ Based on quantitative surveys conducted on the site, the estimated total quantities of asbestos that will be removed from site during the forthcoming demolition are:
 - ▶ Class 1 = 7,000 m³
 - ▶ Class 2= 3,000 m³
 - ▶ Asb Gasket Contaminated Steel= 500-1000t

NB: The exact quantity is difficult to estimate as no detail drawings of original construction insulation types exist. Hence quantity estimates are based on site records (i.e. discoveries made during operation and sampling undertaken to date).



Asbestos disposal options

- ▶ Based on overall health and safety risks (including transport risk on public roads), EBAC has investigated a number of disposal options (lowest to highest risk):
 - ▶ Joint disposal option with ENGIE (EPA regulations do not allow waste disposal by non site owners unless those receiving wastes are fully licenced as waste operators- neither EBAC or ENGIE wanted our sites to become licenced waste disposal areas.)
 - ▶ Disposal at the EBAC site via a purposely designed disposal cell (the basis of tonight's discussion.)
 - ▶ Disposal off site into licenced landfill (Either Dutson Downs or Melbourne.)

Risk - from an overall risk perspective to the public we believe the on site disposal is the safest option as it will keep approx. 500 truck movements of asbestos off public roads.



Proposed EBAC disposal point

- ▶ A suitable disposal point that meets EPA ground water design requirements exists near the original ash disposal pond on the east side of the entry gate to the EBAC site.



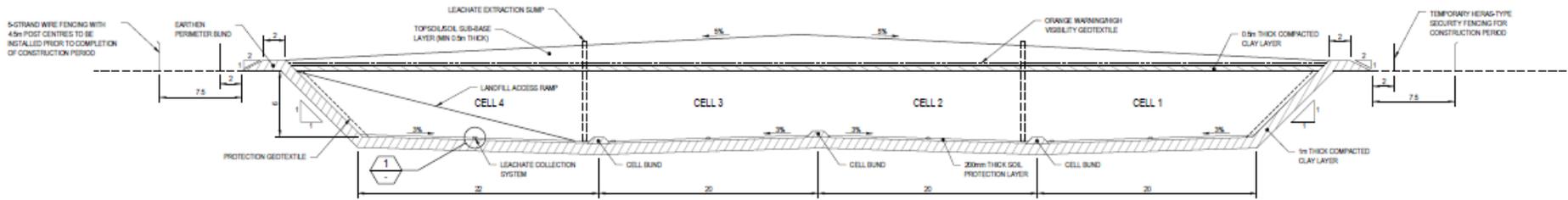
Locality Plan



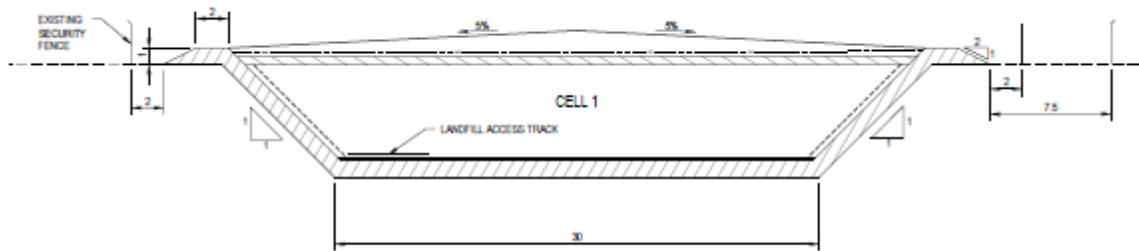
LOCALITY PLAN
SCALE 1:2000



Sections



A SECTION
C001 SCALE 1:200



B SECTION
C001 SCALE 1:200

Aerial impression of site



Key responsibilities

- ▶ All asbestos removal will be conducted by licensed removalists under Victorian licence conditions.
- ▶ WorkSafe Victoria has the regulatory responsibility to ensure removal and disposal complies with these regulations.
- ▶ EPA Victoria has the responsibility to ensure disposal cell design meets regulatory and licensing requirements.
- ▶ EBAC has responsibility to ensure the site operates safely and complies with H&S and Environmental regulations.
- ▶ EBAC will ensure all safety procedures and standards are followed by conducting regular site audits/inspections along with conducting regular background fibre monitoring during asbestos removal and disposal (fibre monitoring is conducted at 20% of the allowable limit)



Timeframes

- ▶ EBAC Power Station Demolition is planned to commence as soon as a decision is received from the Heritage Council. One of the first activities under demolition will be Hazardous Material removal. An onsite asbestos disposal cell requires both council and EPA approval via a Works Approval application. Following this meeting, where we are attempting to identify and address any particular concerns, a Works Approval application will be submitted to the EPA. A decision/approval would then be expected in March 2018, so that cell construction can commence.
- ▶ A detailed listing of potential questions surrounding the disposal cell has been handed out tonight. Please note - all asbestos deposited in the disposal cell will be fully sealed and covered with earth at the end of each day, so risk of fibre release during these activities is extremely small.

Summary

- ▶ EBAC is fully committed to ensuring this demolition and hazardous removal work is conducted as safely and efficiently as possible.
- ▶ We have visited power station demolition projects currently occurring in New South Wales, Victoria and South Australia to identify the best practices being used.
- ▶ We have shortlisted demolition companies down to the top five who are currently operating within Australia.
- ▶ Demolition progress as it proceeds will be updated onto the EBACDemolition.com.au website.
- ▶ The installation of a local asbestos disposal cell on site follows best practice principles (i.e. Lowest Risk).



Asbestos cell related questions?

