

HVO CCC Meeting

1:30 PM Wednesday 19 May 2021



**HUNTER VALLEY
OPERATIONS**

Acknowledgement of Traditional Owners

- We acknowledge the traditional owners of the land where we meet today and pay respect to Elders, past, present and future.

Agenda

1. Welcome: Housekeeping, Emergency Procedures
2. Apologies
3. Declaration of pecuniary interests/conflicts of interest
4. Correspondence
5. Confirmation of the previous meeting's minutes
6. Matters arising from previous meeting
7. Company reports – Update on Hunter Valley Operations
8. Heritage
9. Community Representative Feedback
10. General business
11. Next meeting

Apologies

- Michael Wellard
- Bruce Gould
- Jeannie Hayes

Correspondence

Date	From	Content
29/03/2021	MB	HVO Community Grant's - Round One 2021
26/04/2021	MB	CCC Meeting - minutes from February meeting
27/04/2021	MB	2020 Annual Review and Mining Operations Plan (MOP)
7/05/2021	MB	CCC Agenda and Business Papers for meeting on 19 May
7/05/2021	AS	Factsheet - Proposed modification to HVO project approval

Confirmation of previous minutes

- Minutes from previous meeting (17 February 2021) have been circulated for comment and are awaiting finalisation, requiring confirmation at this meeting (19 May 2021).
- The draft minutes are available on our public website, In-site. The minutes can be accessed on-line via:
<https://insite.hvo.com.au>

Action arising from previous CCC meeting

- **Action 1: HVO to advise if any feral pigs had been sighted or controlled during the kangaroo commercial harvest in January 2021.** ✓
- **Action 2: When the combined and revised Mining Operations Plan submitted to the Resource Regulator in December 2020 for assessment is returned, HVO are to share this MOP with the CCC.** ✓
- **Action 3: HVO to advise the CCC when Round One of the Community Grants Program opens so they can encourage those with a worthy project to apply.** ✓
- **Action 4: HVO to provide detail about the Aboriginal Heritage Review that is being conducting as part of the Continuation Project.** ✓

Action arising from previous CCC meeting

- **Action 1: HVO to advise if any feral pigs had been sighted or controlled during the kangaroo commercial harvest in January 2021.**
- Unfortunately no pigs were controlled during the January Commercial /Kangaroo Harvest.
- Since then 4 pigs have been controlled during the course of other pest animal control programs in 2021:
 - 4 /4 – 1 pig shot during wild dog trapping program
 - 9/4 – 1 pig trapped in wild dog trap
 - 11/4 – 1 pig shot during wild dog trapping program
 - 4/5 – 1 pig shot during commercial kangaroo harvest

Company update

TM



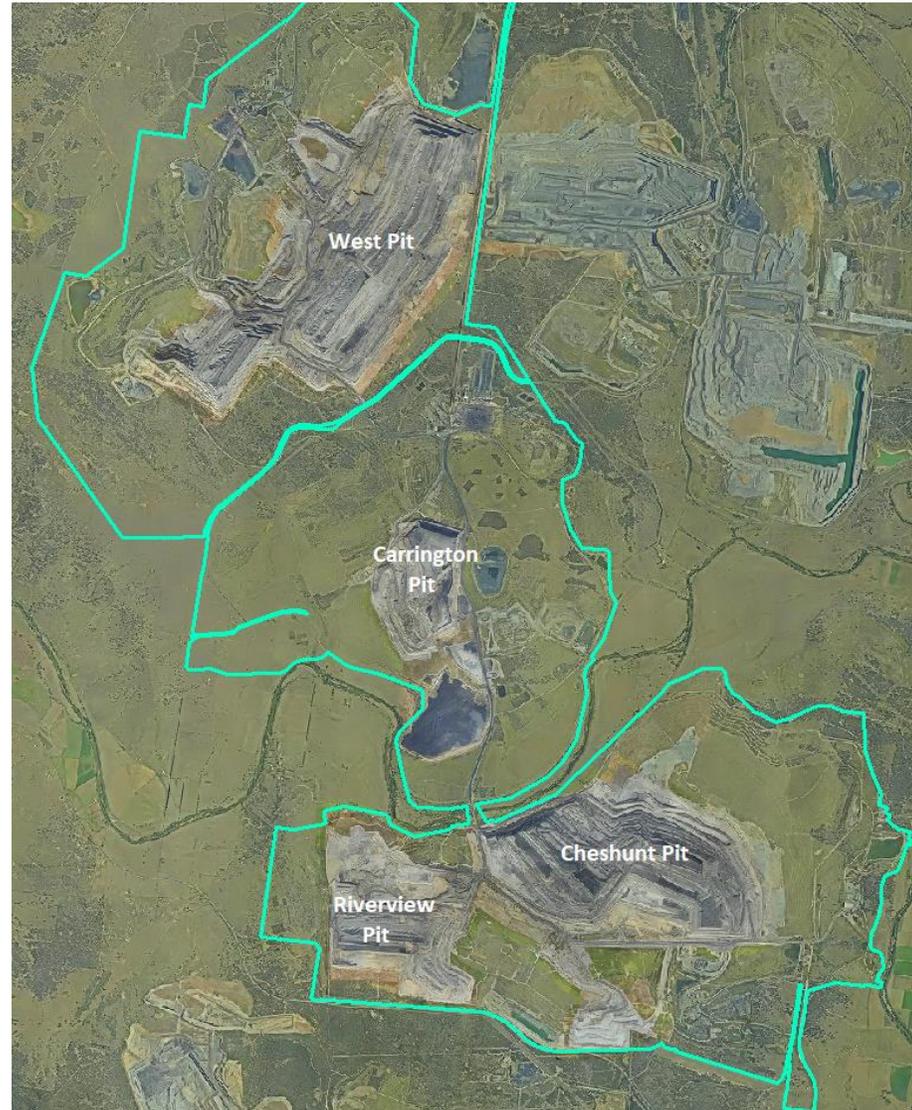
**HUNTER VALLEY
OPERATIONS**

Injury Rates (as at end April 2021)

Total Recordable Injury Frequency Rate: 4.92 (target 3.00)

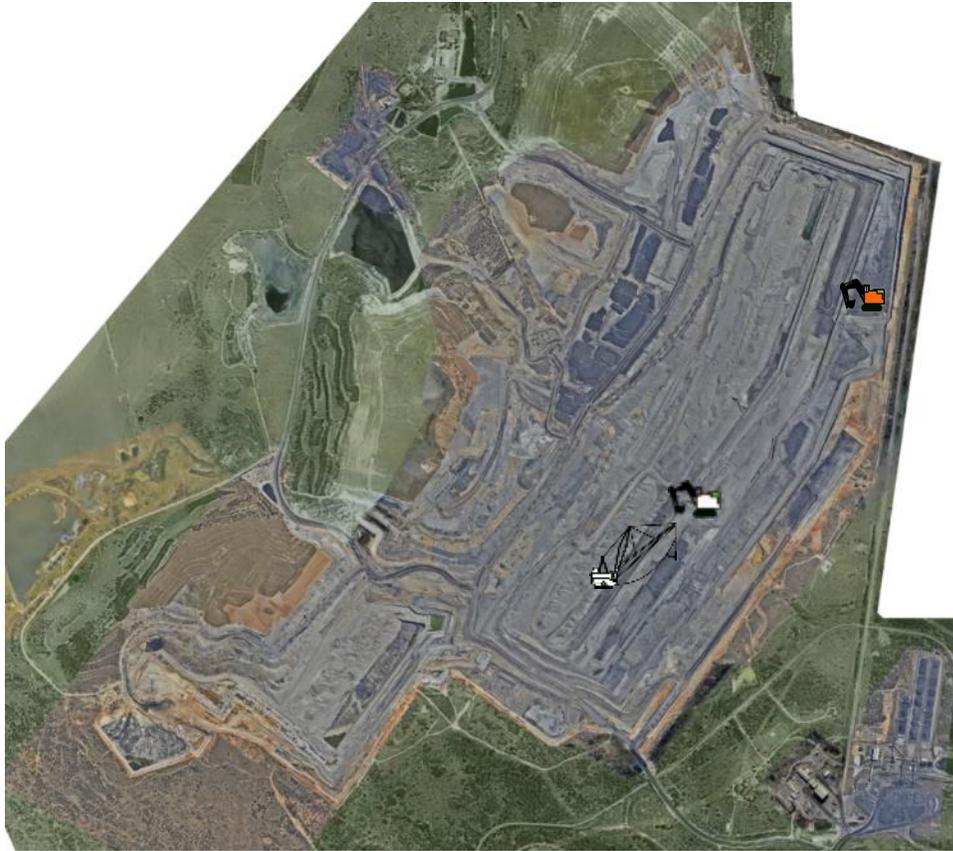
Lost Time Injury Frequency Rate: 1.97 (target 1.00)

Mining Operations

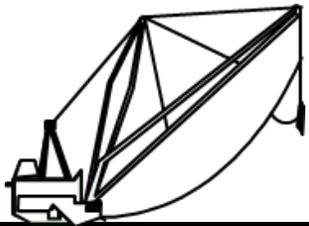


West Pit

TM



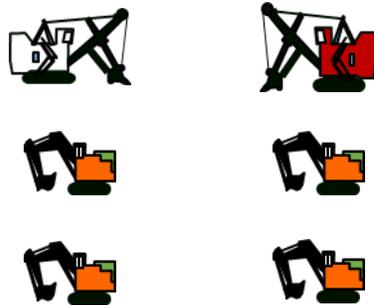
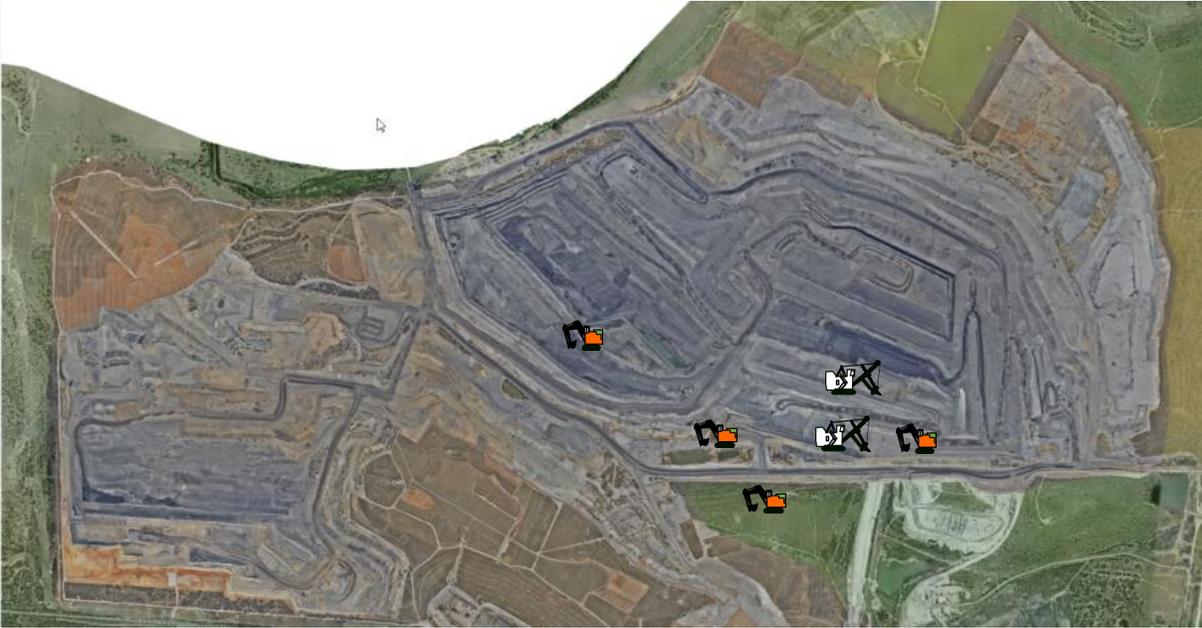
Howick CHPP in care and maintenance

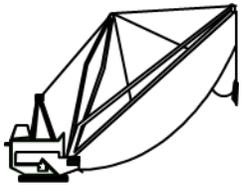


Carrington – as at November now TSF

TM



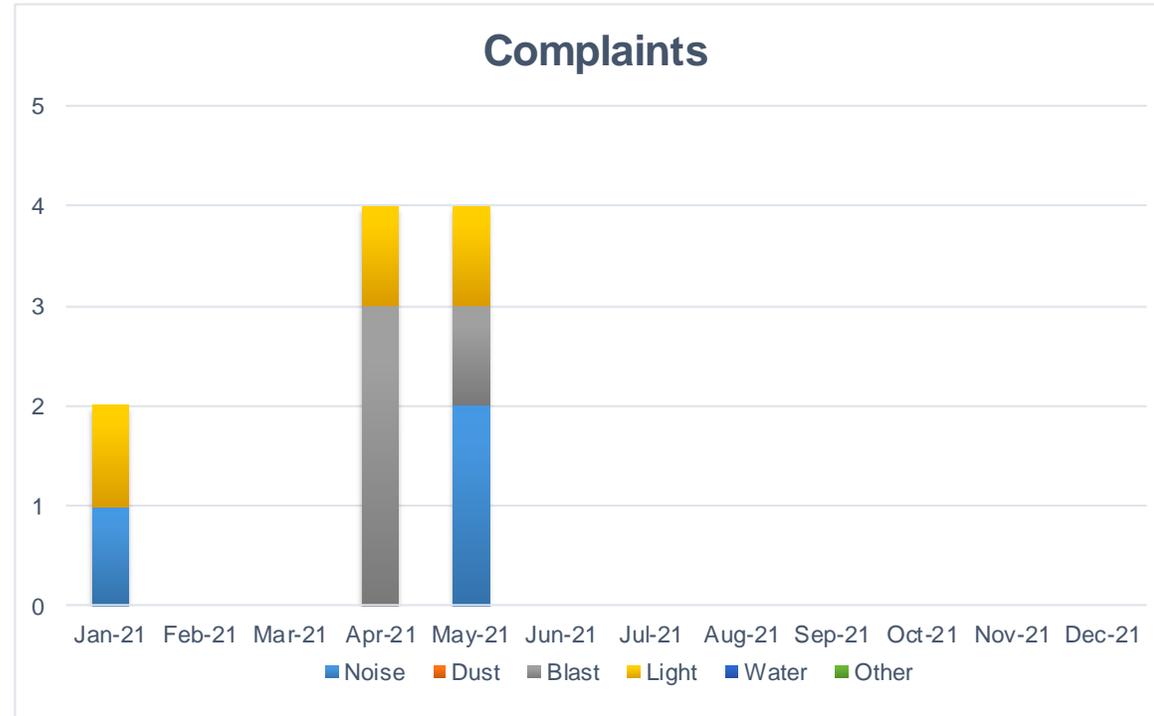




Dragline in Riverview Pit



Complaints (2021) – YTD 10 complaints



2 January – Long Point, Lighting
3 January – Long Point, Noise
10 April – Maison Dieu, Blast

23 April – Blast
30 April – Blast
30 April – Lighting

1 May - Noise
10 May - Blast
11 May – Noise
18 May - Lighting

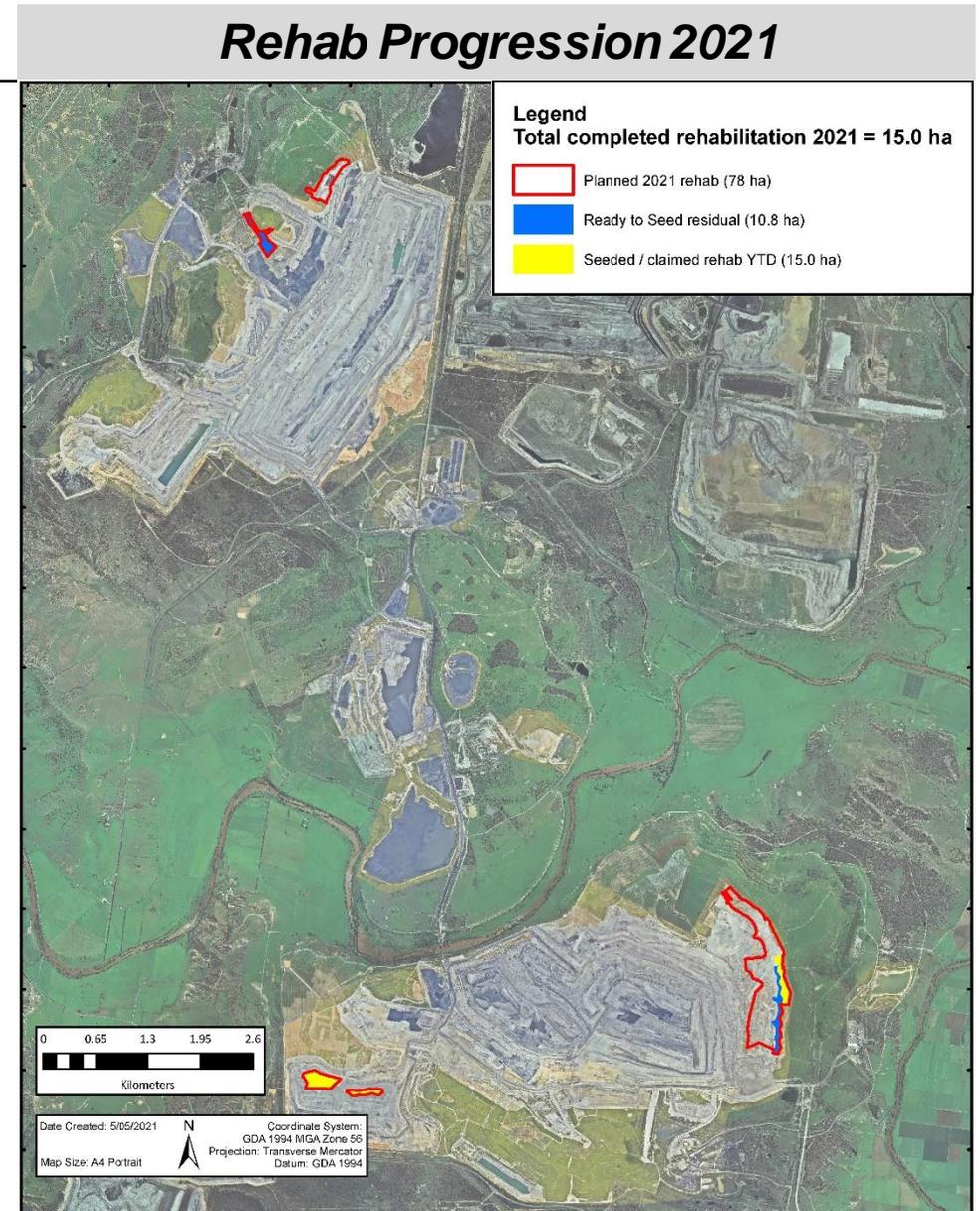
2021 Rehabilitation Plan

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Rehabilitation target = 78ha

EOM April:

- 34ha Released
- 28ha Shaped
- **15ha Seeded**, and
- 10ha Ready to Seed



Feral pest management 2021

Program of activities 2021

- Kangaroo culling (commercial harvest ongoing).
- 7 Commercial Kangaroo harvests completed year to date 2021
- Open range shooting (on-going bounty system linked to commercial harvest program)

Synchronized baiting/trapping programs, targeting pigs, wild dogs and foxes in conjunction with the LLS. Dates confirmed at the Central Hunter Pest Managers Meeting

Summer (complete)

- 1080 Wild dog/fox control program to commenced 1st February 2021 and completed 19th February 2021.

Autumn (complete)

- LLS dog trapping program conducted at HVO across buffer properties by Volker Dreyer from the 1st to the 15th April traps bait shy animals including 3 foxes and 5 dogs
- 1080 Wild dog/fox control program to commence on the 17th May 2021 and conclude on the 11 June.

Winter

- Hog-eye pig trapping program to commence June/July 2021 following conclusion of the Autumn 1080 Wild dog/fox control program

Spring

- 1080 Wild dog/fox control program timed to commence on the 4th October 2021

HVO Vertebrate Pest Control Summary			
Vertebrate Pest		2021 YTD	2020
Kangaroos		127	454
feral pig		3	20
feral pig (bait)		1	0
fox		8	14
fox (bait)		16	23
hare		7	42
feral cat		1	0
rabbit		13	30
wild dog		5	0
wild dog (bait)		51	172
deer (other)		1	0
Overall TOTAL		233	755

Heritage

Activities undertaken in previous quarter:

- Reinstatement of security boarding at Chain of Ponds Inn completed

Proposed activities:

- Archerfield Stables structural works (Q3)
- Planning for temporary onsite storage of Archerfield agricultural heritage items while repair/preservation works at the Archerfield Stables.
- Vegetation maintenance work around the Cockatoo Fence planned for June 2021 ahead of a photo archival recording
- Yard maintenance works and Termite Interception System inspections at LEP listed properties ongoing.



- Annual Review submitted to DPIE on 1 April
- Resource Regulator Targeted Assessment Program on rehabilitated landforms. Inspection held 30 March. Follow up inspection to be held 25 May
- Incident notifications submitted to DPIE and EPA for technical non-compliances during Hunter River Salinity Discharge Scheme
 - Electrical conductivity not continuous for a short period
 - Total Suspended Solids exceedance
 - Flow measurement inaccuracy for a short period
- Incident report for Dam 2N sediment dam overtop during extended rainfall in March. Submitted to DPIE, EPA and Resource Regulator

Reporting, Exceedances and Inspections

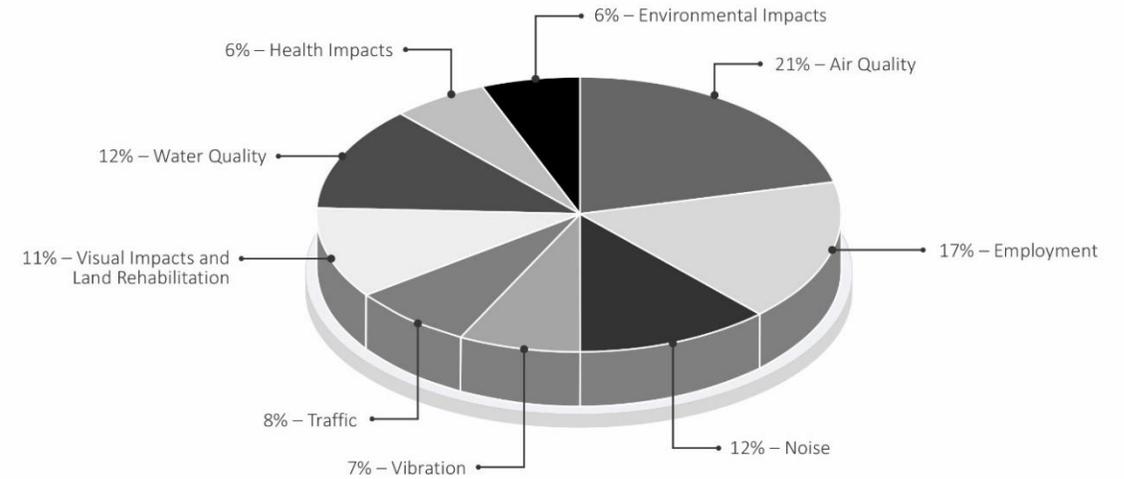
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- Submitted Annual Report on progress of Enforceable Undertaking for the East TSF to EPA in February
- Submitted Annual Analysis report on the performance of seepage management actions for the North Void TSF in March to EPA
- Revised Mining Operations Plan submitted to Resource Regulator in March
- National Pollutant Inventory (NPI) submitted to EPA in March
- DPIE aerial surveillance conducted 18 April, no issues identified

HVO Continuation Project – Update

- ✓ Secretary's Environmental Assessment Requirements (SEARs) received from DPIE on 11th March
 - Technical studies to support the EIS are well underway, with a number of draft reports under review
 - EIS lodgement targeted for Q3/4 this year
- ✓ Application for Site Verification Certificate (SVC) approved by EES on 28th April
 - Verifies no strategic agricultural land in proposed mining areas
- ✓ Project referral to the Commonwealth Department of Agriculture, Water and Environment (DAWE) in preparation for lodgment this quarter
- ✓ Proposing to undertake further community consultation to discuss outcomes of technical studies and seek input into Social Impact Assessment
 - Project newsletter #2 to be distributed in coming days
 - Community Info Days (Maison Dieu and Jerrys Plains) in June
 - One-on-one interviews with interested community members

Issues raised by the community during the project scoping phase



Newsletters

Newsletters and surveys were distributed via letterbox drop to residents of Jerrys Plains, Long Point, Camberwell and Maison Dieu.



Community Surveys

A community survey was circulated to help us understand key Project issues. A total of 103 responses to the survey were received, including:

- 50 responses from local residents;
- 6 responses from the broader area; and
- 46 responses from interstate and overseas.



Community Engagement

Interviews were held with members of the local community and community organisations.
3 Community open days were held in Long Point, Jerrys Plains and Camberwell.



Community Consultative Committee

2 Community Consultative Committee (CCC) meetings were held during the scoping phase, minutes from these meetings can be found at <https://insite.hvo.com.au/document-library/cc-2021>

Action arising from previous CCC meeting

- **Action 4: HVO to provide detail about the Aboriginal Heritage Review that is being conducting as part of the Continuation Project.**

HVO Continuation Project – Update

Aboriginal Cultural Heritage Assessment

- ✓ Archaeological studies
 - Walk-over surveys completed
 - Test excavation program in surveyed areas currently underway
 - Test excavation and dating of CM-CD1
 - Scarred tree assessment

- ✓ Cultural values assessment
 - Workshop with RAPs to discuss preferred consultation methods
 - Knowledge holder one-on-one interviews
 - Walk-on country

- ✓ Further consultation
 - Aboriginal Focus Group Meetings (2)
 - Management and Mitigation strategy workshop
 - Review and comment on draft Assessment



- Modification of existing consent (PA 06_0261) to allow for the construction and operation of a modular Ammonium Nitrate Emulsion (ANE) manufacturing plant within the existing approved HVO South mine disturbance area.
- A Statement of Environmental Effects (SSE) to support the Proposed Modification is currently in preparation and assesses the potential impacts of the proposed modification on environmental aspects such as Traffic and Transport, Surface Water, Air Quality, Noise, Hazards and Dangerous Goods and Greenhouse Gas and Energy. None of these aspects has been assessed as increasing any environmental or public impacts.
- HVO has identified two proposed locations within the currently approved HVO South project boundary

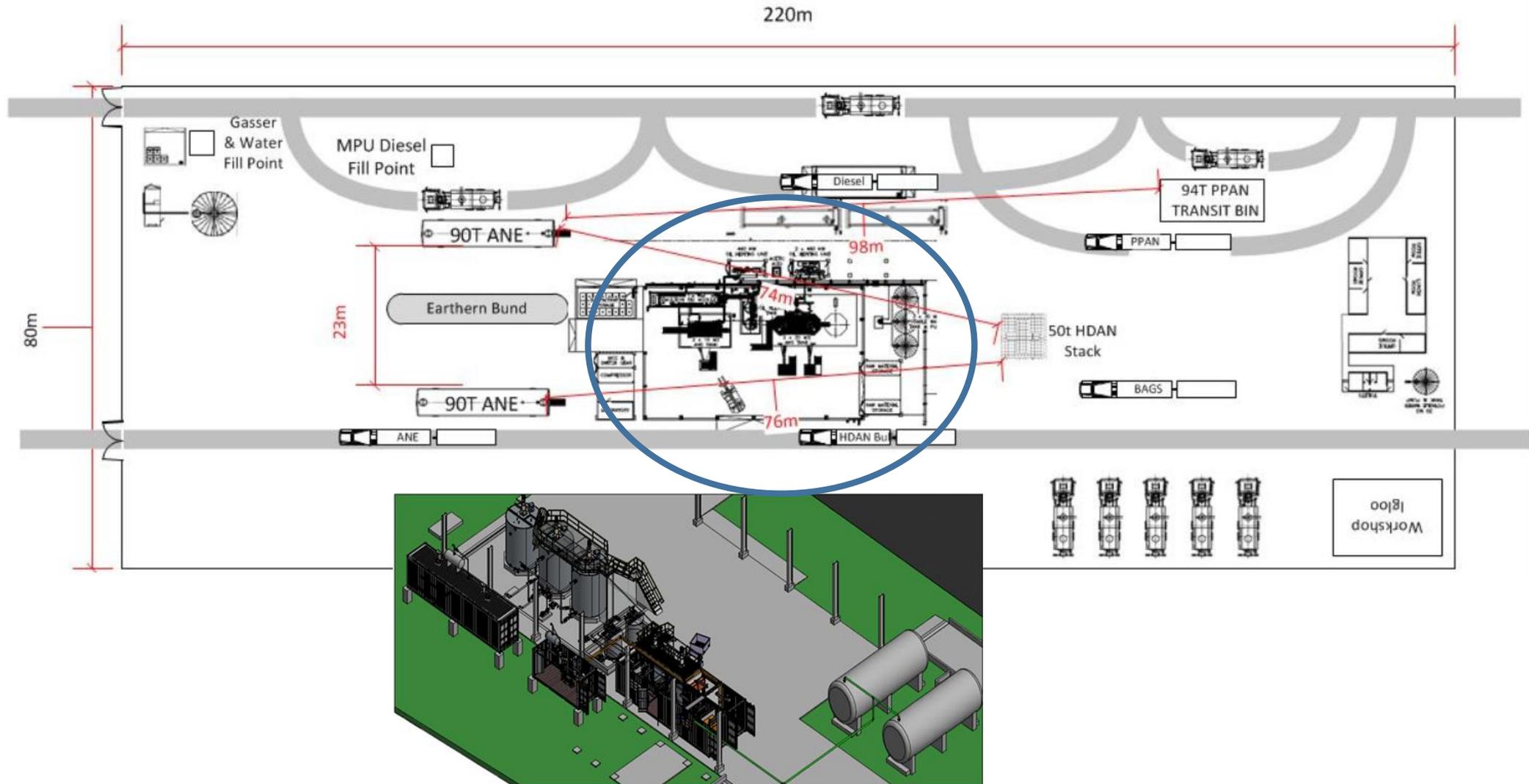
Ammonium Nitrate Emulsion (ANE)



ANE is classified by the *Australian Dangerous Goods Code* (2020) as an oxidiser, requiring combination with initiators to become an explosive.

ANE is used by HVO and various other operations in the Hunter Valley to waterproof explosives in wet conditions, and also assists in minimisation of blast fume.

Conceptual Plant Lay-out (subject to change)

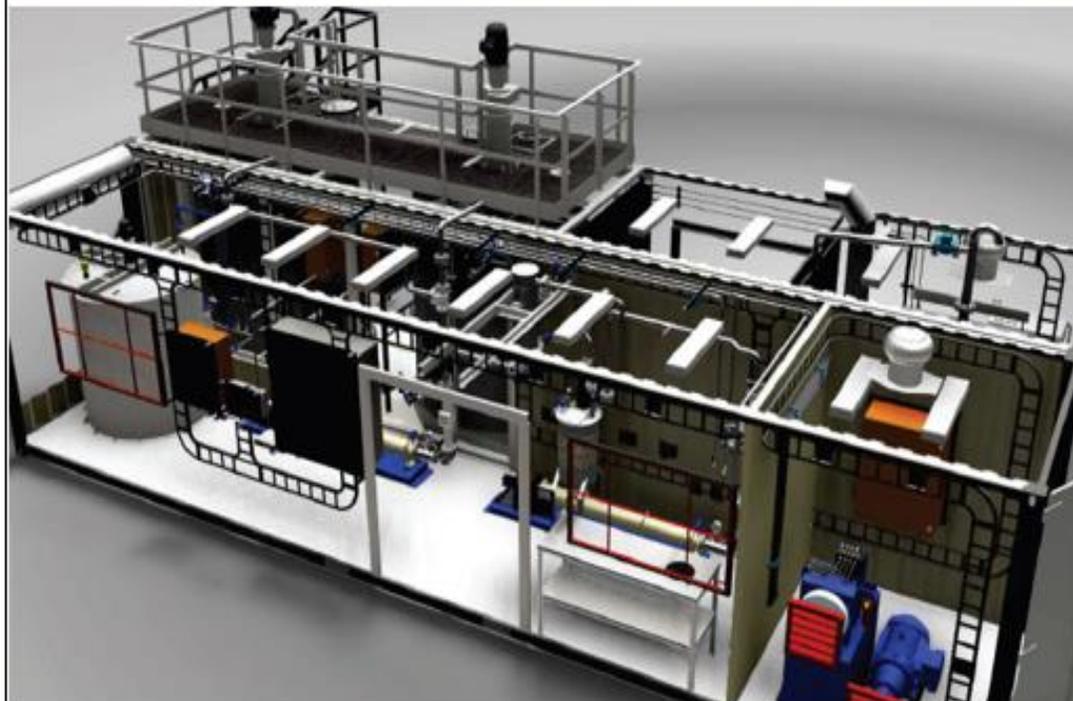


Conceptual Modular ANE Process Unit



Outside View

Schematic Layout of Modular ANE Process Unit



Inside View

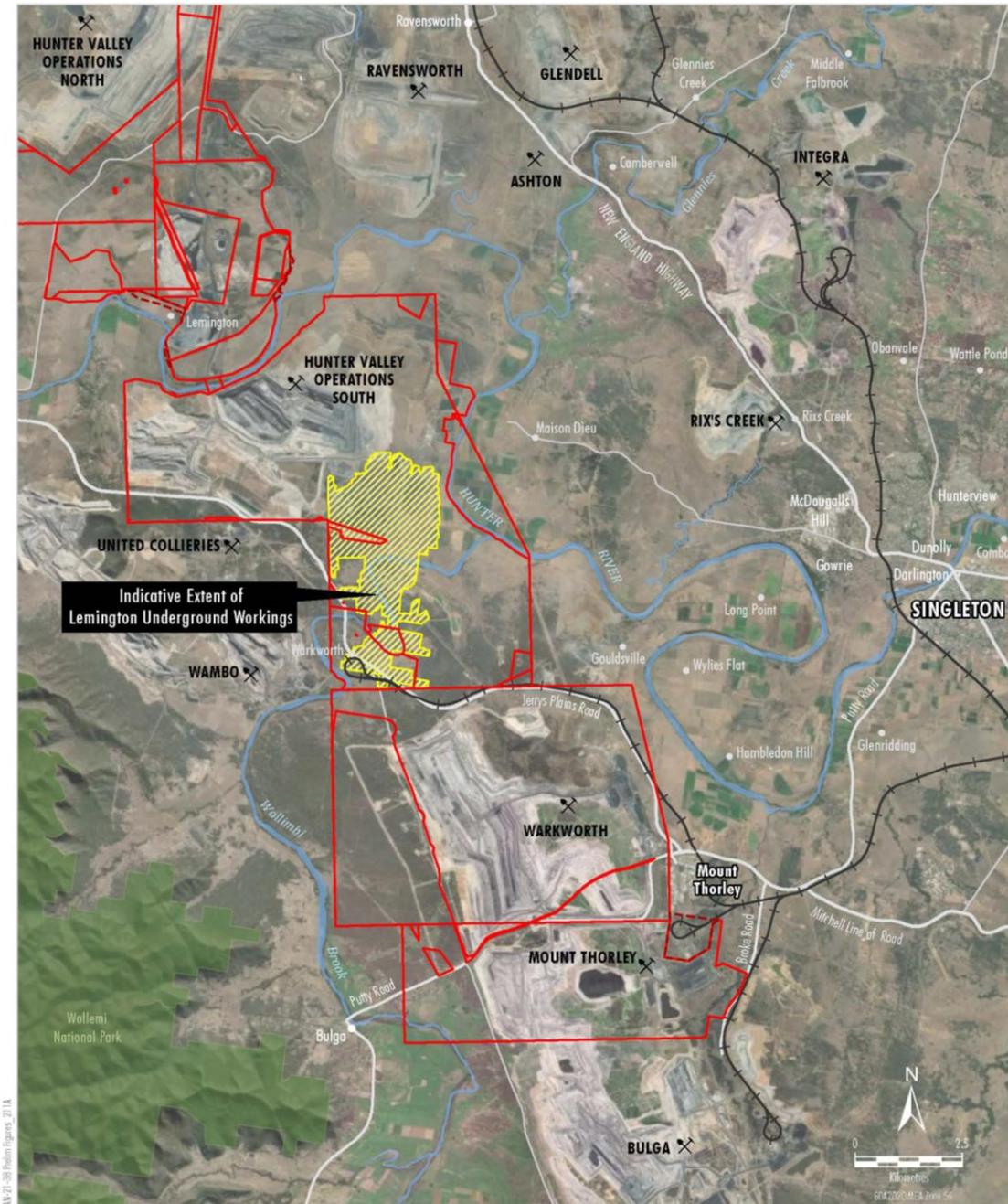
ANE Facility

- Location A is an existing hard-stand area at HVO South operations, which currently includes the existing approved AN and ANE storage and distribution facilities
- Location B is also within the approved disturbance area for the HVO South operations. Location B is represented by a region such that the facility could be located anywhere within that region.



HVO South Minor Modification - Lemington Underground Water Storage

- HVO and MTW are investigating ways to improve site water management across the operations.
- Currently assessing feasibility of storage of site water in the former Lemington Underground Mine workings.
- This would involve installing additional bores to transfer water into, and extract water from, the Lemington Underground Mine workings
- Works would be undertaken within existing disturbance areas.
- Modification of existing HVO South Project Approval and Warkworth Development Consent would be required.



EL5606 and EL8821

- Four drillsites (not five drillsites as previously reported) on EL5606 and the underlying EL8821 are proposed for 2021.



- Round One of the Community Grants Programme closed in April with 12 applications received which are currently being reviewed.
- Proposed Apprentice program to assist with the refurbishment of Jerrys Plains Parish Hall – date still to be confirmed pending approval from Church.

- Brian Atfield
- Di Gee
- Jeannie Hayes
- Cr Hollee Jenkins
- David Love
- Todd Mills
- Dr Neville Hodgkinson
- Janelle Wenham
- Michael Wellard



HVO – contact details

HVO Complaints and Blasting Hotline:

- **1800 888 733 (free call)**
- To make an environmental complaint
- Find out road closure times for blasting
- Attended 24 hours a day / seven days a week
- **SMS Blasting Notification System**
 - Send an SMS to 0447 448 982 with word subscribe included in text

Websites

- HVO - information about the operation: <https://hvo.com.au>

Next CCC Meeting

AS

18 August

Confirm Attendees

Safety Briefing