

HVO CCC Meeting

1:30 PM Wednesday 2 November 2022



**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. Approvals
9. Heritage
10. Community Representative Feedback
11. General business
12. Next meeting

Apologies

- Janelle Wenham
- Dr Neville Hodgkinson
- Todd Mills
- Michael Wellard

Correspondence

Date	From	Content
25/08/2022	MB	Email regarding Round Two of HVO's 2022 Community Grant programme
2/09/2022	NL	HVO Continuation Project Monthly Update - August 2022
21/09/2022	MB	Email regarding minutes from CCC meeting held on 17 August
7/10/2022	NL	HVO Continuation Project Monthly Update - September 2022
24/10/2022	MB	HVO Agenda and Business Papers for meeting on 2 November 2022
31/10/2022	MB	HVO South Modification 8 Report - now on exhibition.

Confirmation of previous minutes

- Minutes from previous meeting (17 August 2022) have been circulated for comment and are awaiting finalisation, requiring confirmation at this meeting (2 November 2022).
- 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

Ongoing Actions

- HVO to continue to provide the CCC with a monthly update on the HVO Continuation Project.
- HVO to provide an update on the detailed design for the North Void Tailings Storage Facility Barrier Wall when the geotechnical studies have progressed - scheduled for September 2022.
- **ACTION 1: Andrew to email Neville HVO's Warkworth Air Quality Monitoring presentation with an offer to provide an overview of the results. - Complete**
- **ACTION 2: Andrew to communicate feedback from the CCC regarding riverbank erosion via the UHMD – Discussed with NSW Mining**
- **ACTION 3: Col to correspond with the DPE Water Section, advising of concerns raised at this CCC in regard to river bank erosion as a result of the July 2022 floods and ask if they have any programs in place to address this. Col to extend an invitation to DPE Water Section to attend a future HVO CCC Meeting.**

Operations Update

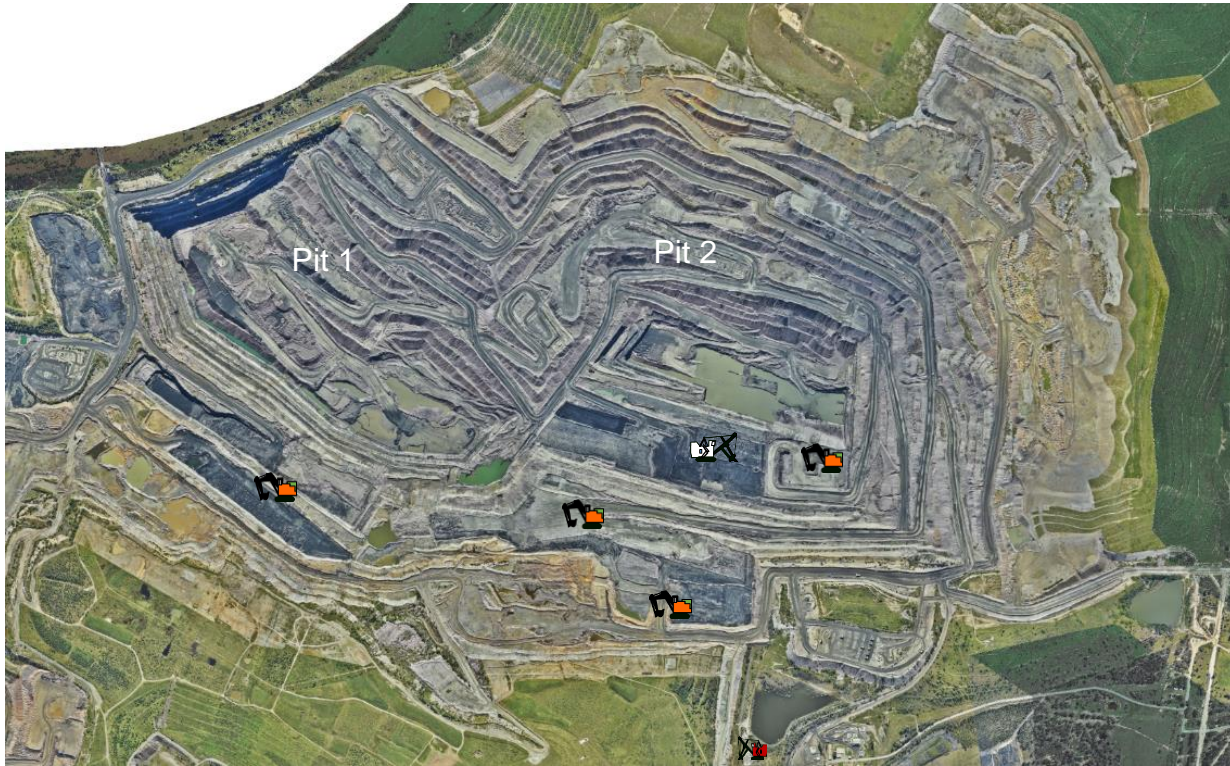


HUNTER VALLEY OPERATIONS

West Pit

TM

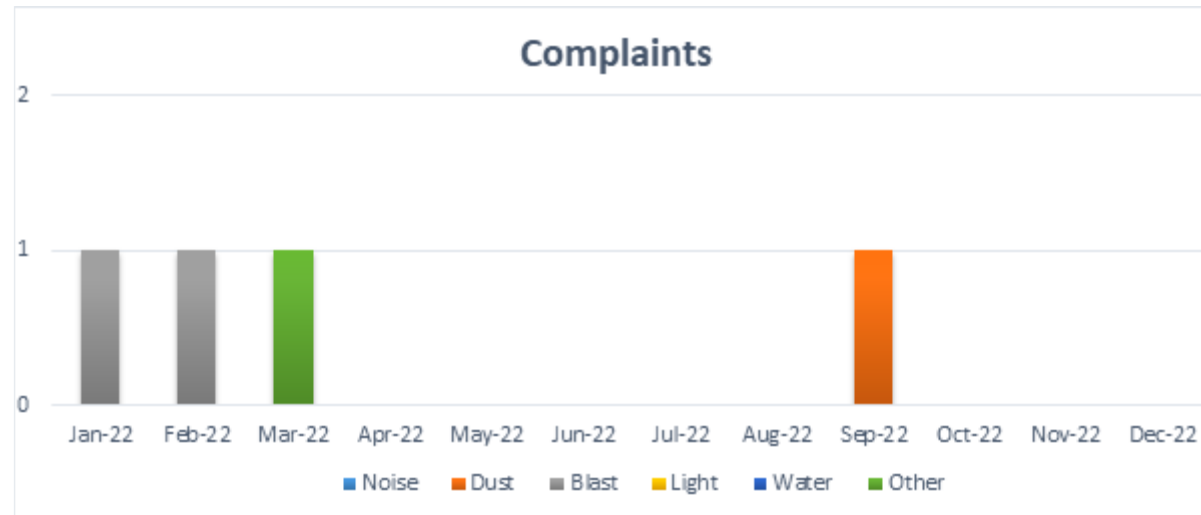








Complaints (2022) – 4 complaints YTD



- 5 January: Blast overpressure (complaint) – Jerrys Plains**
- 11 February: Blast overpressure (complaint) – Maison Dieu**
- 19 March: Alleged reckless driving (anonymous) – Warkworth**
- 19 September: Blast Dust (complaint) – Long Point**

Rehabilitation

- Rehabilitation Management Plan (RMP) now replaces Mining Operations Plan (MOP) – Awaiting Govt Review
- Annual plan period July 2022 - June 2023
- 44 ha of new rehabilitation (13.3 ha seeded since start of 2022)
- 100 ha second stage rehabilitation (68 ha seeded since start of 2022)
- Wet weather has impacted rehabilitation delivery

Cheshunt Pit – 9.5ha seeded August 2022

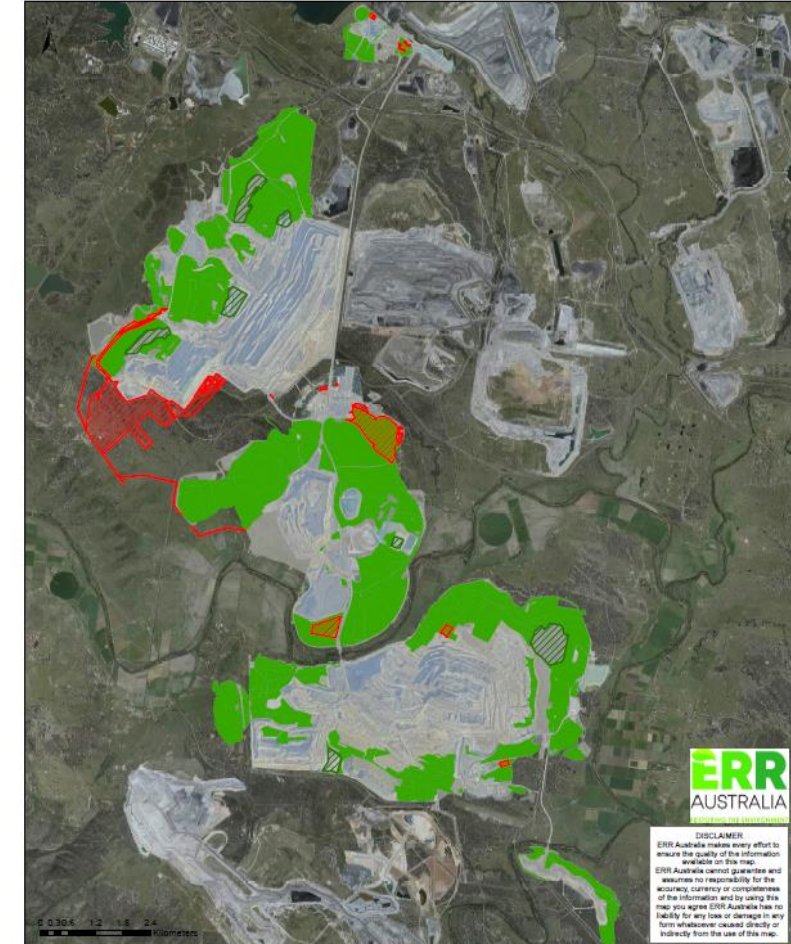


Riverview Pit – 12.8ha upcoming



Hunter Valley Operations
Plan 2A: Mining and Rehabilitation - Year 1

HUNTER VALLEY
OPERATIONS



- Legend**
- Forecast Disturbance
 - Forecast Land Prepared for Rehabilitation
 - Ecosystem and Land Use Establishment
 - Existing Rehabilitation
 - Existing Disturbance

Mine Name: Hunter Valley Operations
Plan Name: Plan 2A: Mining and Rehabilitation Year 1
Year: Year 1 (2022-2023)
Theme: 3013
Submission No's:
Plan Date: 01/08/2022

Feral pest management 2022

Program of activities 2022

Synchronised baiting trapping programs coordinated with other sites and the Hunter Local Land Services.

- Spring 1080 Wild Dog control Program to commence 10 October 2022 and runs until 4 November
- Spring ‘Hoggone’ pig baiting program completed October 2022. No pigs recorded as baited. Consistently high river levels seen as a barrier to pig migration. Pig field sightings have also dropped off.
- HVO supporting rural licensee pig baiting programs via bounty payments. One rural licensee operating a trap and three operating “Hoggone” dispensers. To date three licensees have caught 107 pigs via “Hoggone” baiting

Kangaroo commercial harvests:

- 2 new commercial harvestors have been onboarded. Harvesting now well underway. Kangaroo numbers harvested to date more than double the previous year.

HVO Vertebrate Pest Control Summary			
Vertebrate Pest		2022 YTD	2021
Kangaroos		360	177
feral pig		0	72
feral pig (bait)		142	28
fox		0	8
fox (bait)		16	49
hare		0	7
feral cat		0	1
rabbit		0	13
wild dog		9	15
wild dog (bait)		96	169
deer (other)		0	1
Overall TOTAL		623	540



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Activities:

- Dog Leg Fence Asset Protection Zone maintenance completed 8 September 2022.
- Yard maintenance works and Termite Interception System inspections at LEP listed properties ongoing.

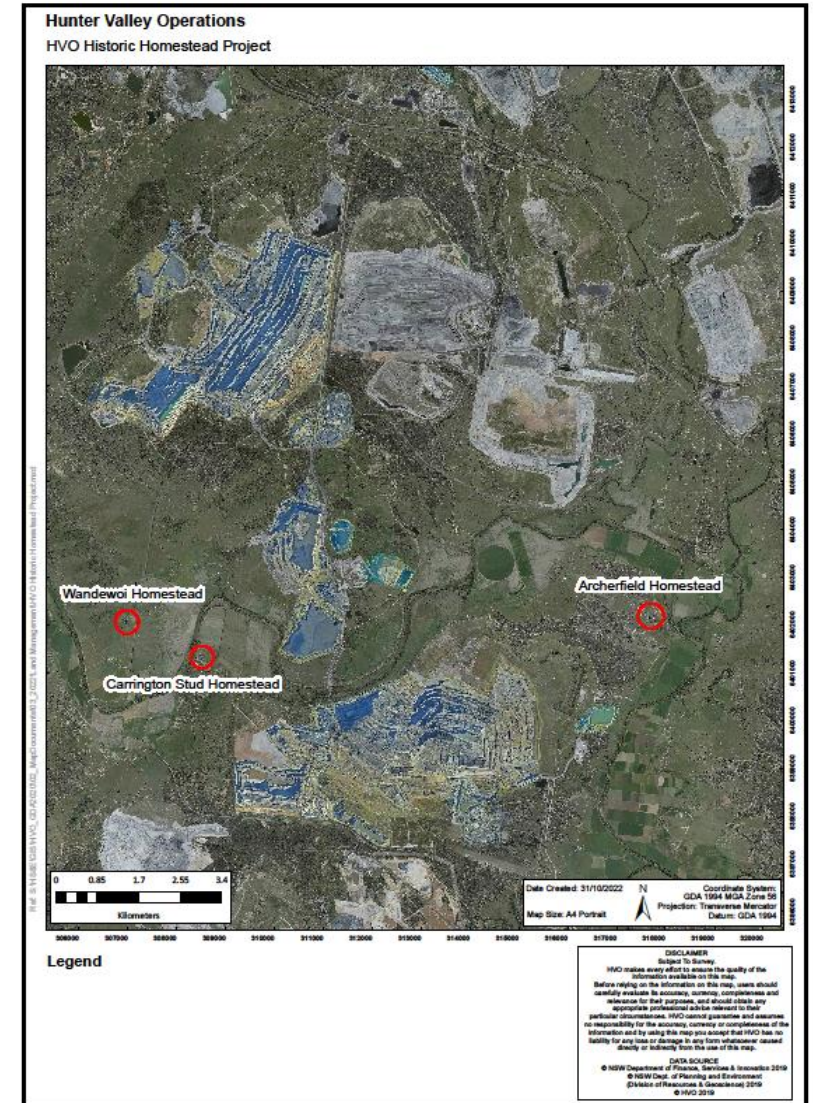


Historic Homestead Project

Maintenance and restoration program for residential portfolio of Historic Homesteads

Homesteads include

- Archerfield
- Carrington
- Wandewoi



- National Pollutant Inventory (NPI) report for financial year submitted in early October
- EPA Inspection held on 1 September
 - Visit and status update on management of the North Void Tailings Storage Facility
 - General site inspection
- Management Plans revised following approval of Modification 7 and submitted for approval:
 - Water management Plan
 - Integrated Biodiversity Management Plan
 - Air Quality and Greenhouse Gas Management Plan

HVO Continuation Project

Update:

- EIS study work ongoing with majority of technical assessments now finalised.
- Main EIS document currently being drafted.
- EPBC Referral being assessed by Federal department (DCCEEW). Decision ongoing.
- Social Impact Assessment interviews completed.
- Consultation meetings with near neighbours completed to discuss outcomes of amenity studies (noise, air and blast) and proposed mitigation measures.

What's next:

- Submission of EIS to DPE and subsequent public exhibition. Public exhibition timeframe likely to be extended due to Christmas/New Year period or commencement delayed to January.
- Further community information sessions to be scheduled during public exhibition. EIS summary booklet will be distributed summarising key outcomes of studies.
- Meeting with near neighbours as requested.

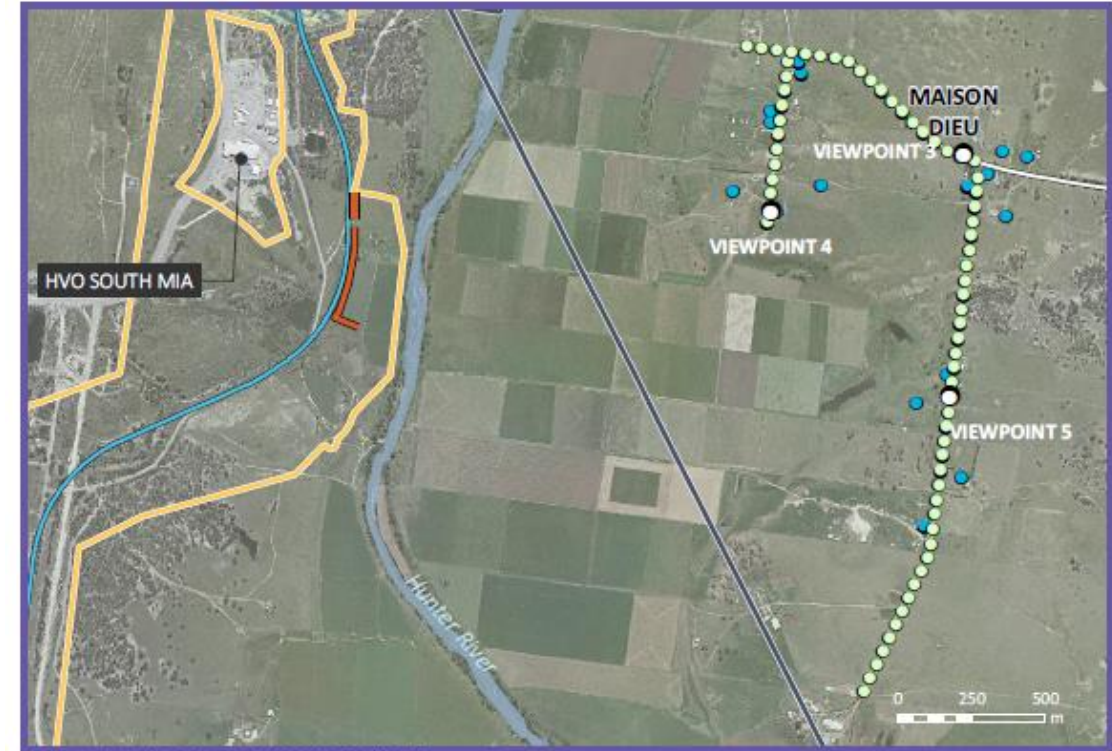


HVO Continuation Project – EIS Study Outcomes

Environmental aspect	Key Assessment Outcomes
<p>Noise and vibration <i>Global Acoustics</i> <i>Enviro Strata Consulting</i></p>	<ul style="list-style-type: none"> • Noise <ul style="list-style-type: none"> • Sound power testing program completed on site, and baseline monitoring off site. • Additional mitigation commitments – best-in-class sound power 400t and 600t excavators at replacement, 8 m high noise bund along Mitchell Pit haul road to minimise noise in Jerrys Plains. • No predicted levels which trigger acquisition however some receptors will be eligible for mitigation rights: <ul style="list-style-type: none"> • 6 receptors with new rights due to the Project (Jerrys Plains area) • 13 receptors with existing rights continue with the Project • 7 receptors with existing rights that according to the noise assessment don't qualify for mitigation but HVO committing to continue existing rights • Blast <ul style="list-style-type: none"> • No exceedances predicted of criteria.
<p>Air quality and GHG <i>Jacobs</i></p>	<ul style="list-style-type: none"> • Two properties trigger acquisition due to exceedances of air quality criteria (1 x Maison Dieu, 1 x Jerrys Plains). • 5 receptors with current AQ mitigation rights will continue. • Properties within 4 km of proposed mining will be eligible for tank cleaning/first flush/filter program. • GHG assessment undertaken. • AQGHG Management Plan to be revised.
<p>Land and soils <i>Mine Soils</i></p>	<ul style="list-style-type: none"> • BSAL assessment completed in accordance with the Interim Protocol. No BSAL present. • SVC issued for new Mining Lease area required. • Progressive harvesting of topsoils and mulched vegetation – Slight surplus predicted to rehabilitate site.

HVO Continuation Project – EIS Outcomes

Environmental aspect	Key Assessment Outcomes
<p>Visual <i>EMM</i></p>	<ul style="list-style-type: none"> • Impacts are anticipated to be much the same as the existing operations. <ul style="list-style-type: none"> – No increase in height to overburden emplacements. – Progressive rehabilitation, with natural draining landform design incorporated. – Ridgeline between Jerrys Plains and HVO North remains. • Viewshed analysis completed. No additional significant impacts as a result of the Project. • Additional tree screening adjacent to realignment of Lemington Road in response to community feedback.
<p>Terrestrial ecology <i>Umwelt</i></p>	<ul style="list-style-type: none"> • Large portions of land have been subject to clearing from historical agricultural and mining activities. • Commonwealth and State listed species and communities are known to occur at HVO. • EPBC Referral currently under assessment. • Extensive surveys completed. • Development of biodiversity offset strategy has commenced, including investigation into potential of stewardship sites. • Avoidance – South Lemington Pits 1 and 2, Riverview SE Extension, Lemington short rail loop, temporary Hunter River crossing, electricity transmission lines and Lemington Road.



Source: EMM (2022); HVO (2022); DFSI (2017)

HVO Continuation Project – EIS Outcomes

Environmental aspect	Key Assessment Outcomes
Heritage <i>EMM</i>	<p>Aboriginal Heritage</p> <ul style="list-style-type: none">• 33 registered Aboriginal parties (RAPs).• Significant field work program completed: 5 weeks of field survey, 5 weeks of test excavation and a further 2 weeks of test excavation of CM-CD1, scarred tree assessment.• Decision made to avoid CM-CD1 due to significance. Approx. 21 Mt ROM coal impact to mine plan.• Two potential scar trees to be impacted by realignment of Lemington Road. Tree assessed by arboriculturist and archaeologist. Both trees in poor condition. Proposed mitigation to salvage scarred portion of trees.• Cultural values study completed (Dr Phil Clarke).• Mitigation workshop has been held with RAPs. <p>Historic Heritage</p> <ul style="list-style-type: none">• Remnant stockyard – local significance – archival recording prior to disturbing.• Other features surrounding the Project – additional blast monitoring proposed to monitor impacts.



HVO Continuation Project – EIS Outcomes

Environmental aspect	Key Assessment Outcomes
Traffic <i>WSP</i>	<ul style="list-style-type: none"> • Realignment of Lemington Road to maintain its function as a connection between New England and Golden Highways. • Existing operations of road network to be maintained until new section of road built. • Baseline traffic surveys completed. • 1 minute 40 seconds increased travel time from Jerry Plains to New England highway (A-C-B). 8% of Lemington Road traffic currently completes full traverse when road not flooded. • Increased elevation of Lemington Road Hunter River crossing above 1:10 year flood level.
Social Impact Assessment <i>EMM</i>	<ul style="list-style-type: none"> • Completed in accordance with the SIA guidelines. • Workforce and supplier surveys completed. • Community interview and service provider interviews completed. • VPA with Singleton Council proposed. • Aboriginal job readiness employment programs proposed • 10 year - \$1M commitment to Closing the Gap initiatives. • Social Impact Management Plan (SIMP)



HVO Continuation Project- EIS Outcomes

Environmental aspect	Key Assessment Outcomes
Rehabilitation <i>EMM, Golders, Landloch</i>	<ul style="list-style-type: none">• Golders prepared a conceptual natural final landform design for the Project, which was informed by extensive soil testing and erosion modelling.• Rehabilitation strategy has been developed considering beneficial post-mining landuses including grazing and native vegetation establishment.

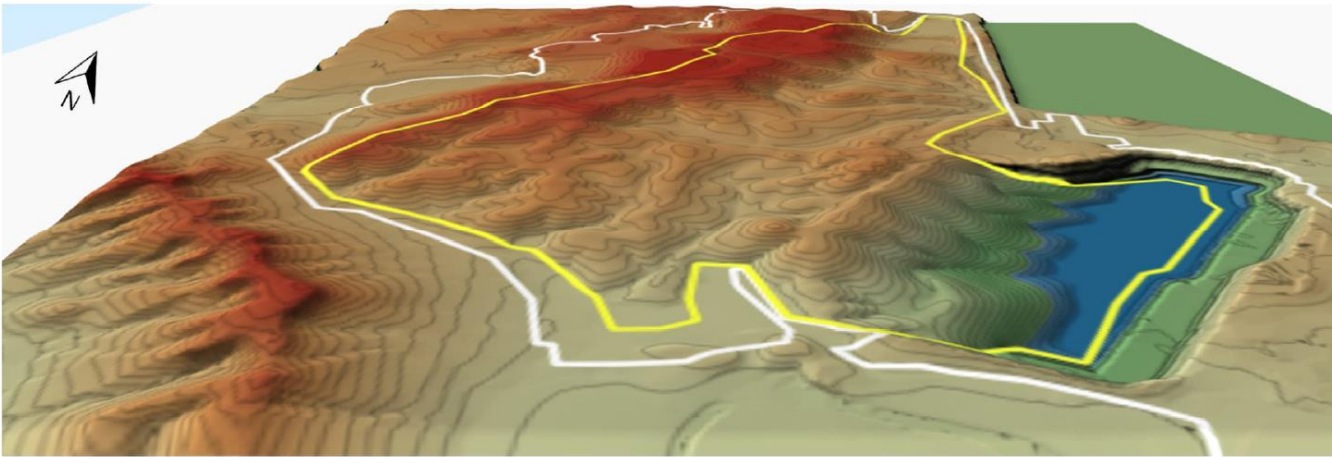


Figure 3: View of HVO North; schematic from the south-west

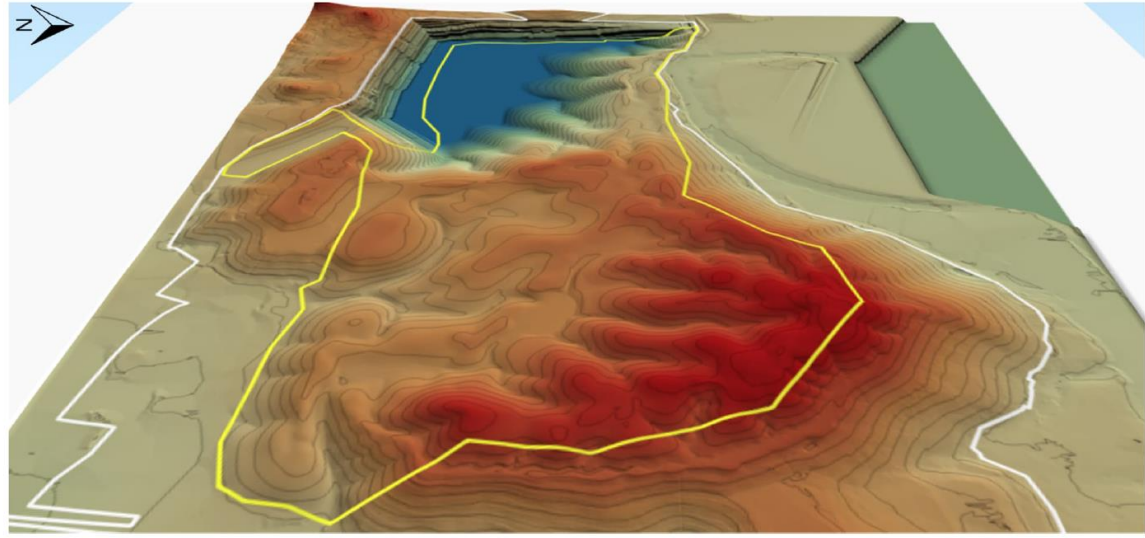


Figure 11: View of HVO South; schematic from the east

HVO Continuation Project- EIS Outcomes

Environmental aspect	Key Assessment Outcomes
Water <i>EMM, AGE, Engeny, EGi</i>	<ul style="list-style-type: none"> • Current operations have sufficient water licences in place to account for all water extraction – no significant change for the Project. • Geochemical analysis and assessment completed. No significant issues. Current mitigation measures continue. • No changes to licensed discharge limits (HRSTS) or practices proposed. • Water Management System design adequate. • Water Balance Modelling calibrated with shortfall and excess to be managed through climate cycles.
Flooding <i>Engeny</i>	<ul style="list-style-type: none"> • Improved and ongoing flood protection for operations. • Negligible changes in flood levels shown from model. • Peer review completed by BMT (author of Singleton Council Flood Study).
Aquatic ecology <i>EcoLogical</i>	<ul style="list-style-type: none"> • Riparian vegetation and subterranean fauna surveys. • Interaction with groundwater and terrestrial ecology studies. • Sampling undertaken during 2021 and 2022. • No significant impacts predicted. • Ongoing monitoring program proposed.



Building HVO's Identity

- Based on staff feedback. New look logo for the business.
- Aligns with new vision & values.
- Supports recruitment, community confidence, understanding of HVO, and Continuation Project.

What's next?

- New look HVO website and social media (Facebook, LinkedIn and YouTube)



Hunter Valley Operations

11 likes · 19 followers

Contact Us

Message

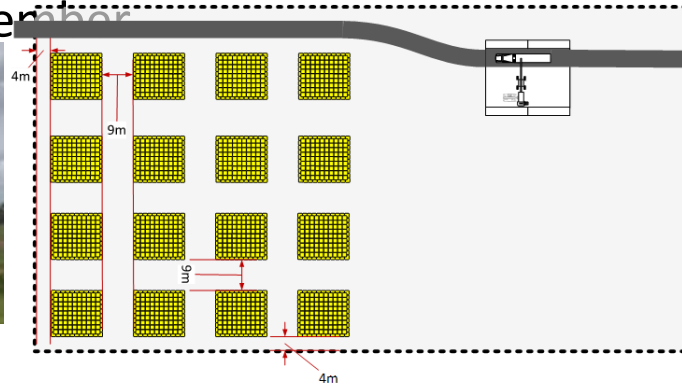
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HVO South Modification – additional Ammonium Nitrate storage

- Proposal to store additional Ammonium Nitrate near the existing ANE plant in the South pit
- The proposed AN compound would be established to:
 - store AN stacks in a fenced open air compound
 - meet the minimum protected works distances for Class A, Class B and Vulnerable Facilities
 - be designed in accordance with Australian Standard AS4326
 - provide capacity to store up to 7,250 t of AN.
- Modification report submitted
- On exhibition until 7 November



Community

- Singleton Community Day
- Community Grants – Round 2
 - 7 applications under review
- Truck Tray Painting Charities:
 - Westpac Rescue Helicopter Service
 - Singleton Family Support
 - Hunter Breast Cancer Foundation
 - Prostate Cancer Alliance
 - Type 1 Foundation



Community Representative Feedback

CG

- Brian Atfield
- Jeannie Hayes
- Di Gee
- Cr Sue George



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>

2023 dates?