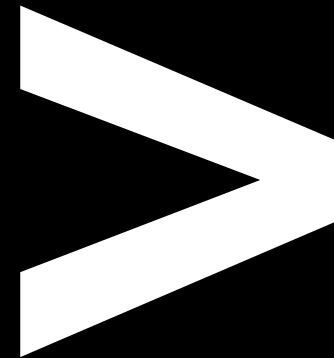




# CCC Meeting

8 May 2024



**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
  1. Operations
  2. Environment and Community
  3. Heritage
  4. Approvals
8. Community representative feedback
9. General business
10. Next meeting



# Apologies

- Michael Wellard
- Janelle Wenham



# Correspondence

Date	From	Content
10/02/2024	Sarah P	Finalised/accepted minutes from 8 November meeting received
25/02/2024	Sarah P	Draft minutes (7 February meeting) received for HVO comment
8/03/2024	Sarah P	Draft minutes received for CCC member comment
11/03/2024	Nic M	Draft minutes sent for CCC member comment
11/03/2024	Sue G	Acceptance of minutes without change (no other comments received)
3/04/2024	Nic M	Invitation to attend HVO Family Day (25 May), as well as: <ul style="list-style-type: none"><li>• Community information session details; and</li><li>• Round One 2024 community grant round details</li></ul>
29/04/2024	Nic M	Invitation to CCC members for 8 May 2024 meeting, including: <ul style="list-style-type: none"><li>• Agenda and business papers; and</li><li>• Draft terms of reference</li></ul>



# Confirmation of Previous Minutes

- Minutes from previous meeting (7 February 2023) have been:
  - Circulated for comment for a period of four weeks;
  - Suggested changes incorporated;
  - Await confirmation / finalisation at this meeting (8 May 2024).
- Previous CCC meeting minutes are available on our public website. The minutes can be accessed online via: [Documents – Hunter Valley Operations \(hvo.com.au\)](https://www.hvo.com.au/Documents-Hunter-Valley-Operations)



# Action Arising from Previous CCC Meeting

- HVO to continue to provide the CCC with updates on the HVO Continuation Project
- Peter to provide an overview of HVO's European Heritage Management Plan when finalised
- HVO to provide continued updates on the detailed design for the North Void Tailings Storage Facility Barrier Wall
- 2022 riverbank erosion – DPE Water Section. Col to extend an invitation to DPE Water Section to attend a future HVO CCC Meeting. Last invited 31 May 2023
- In response to the new NSW DPE CCC Guidelines (June 2023), Col to:
  - Circulate the Code of Conduct and Declaration of Interest forms to members for sign off and return (Complete); and
  - Complete the Terms of Reference Template for CCC review and agreement





# OPERATIONS UPDATE







# HVO Mine Areas

DF







# West Pit







# Cheshunt







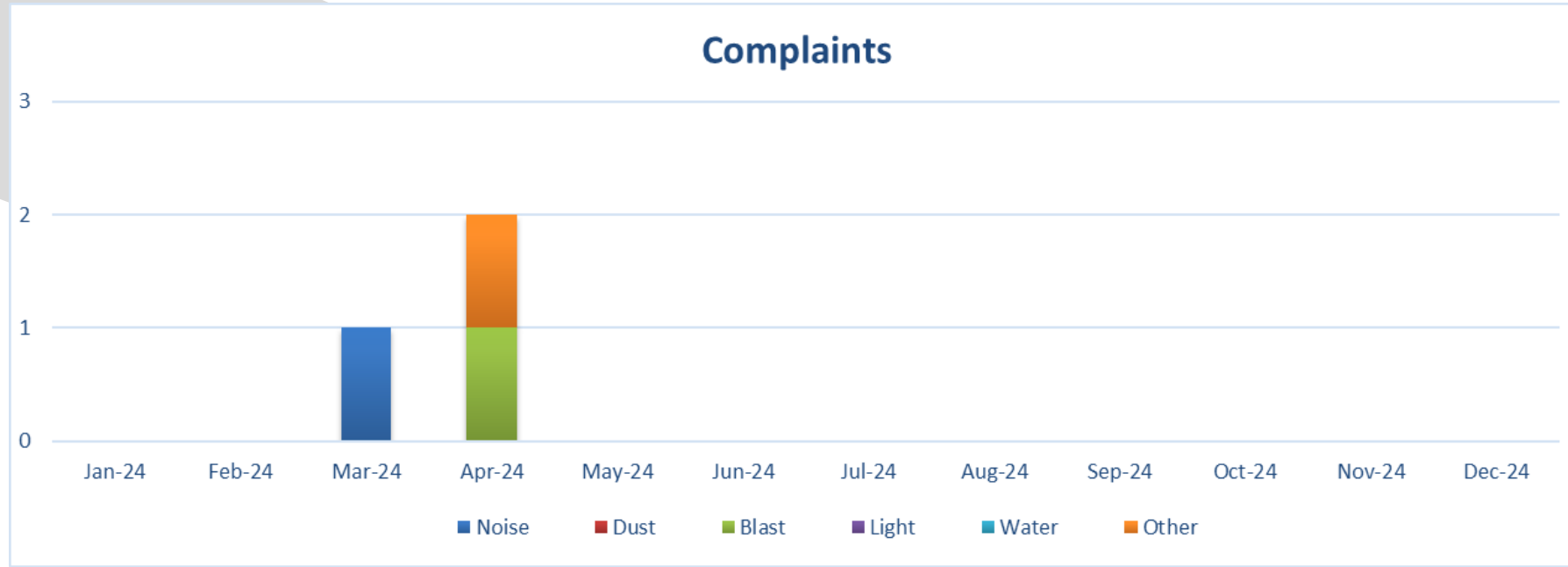
# ENVIRONMENT





# Complaints

AS



**January – April 2024:** Three complaints

12 March: Noise – Jerrys Plains

2 April: Blast – Jerrys Plains

3 April: Traffic – Lemington Road



# Rehabilitation

- 6ha of rehabilitation has been seeded YTD at Riverview and Barrys. Shaping has commenced at all 2024 rehab locations
- Works have commenced on the Rehabilitated East TSF remediation project – part of an Enforceable Undertaking with EPA. Approx 30ha of 2024 rehab target.

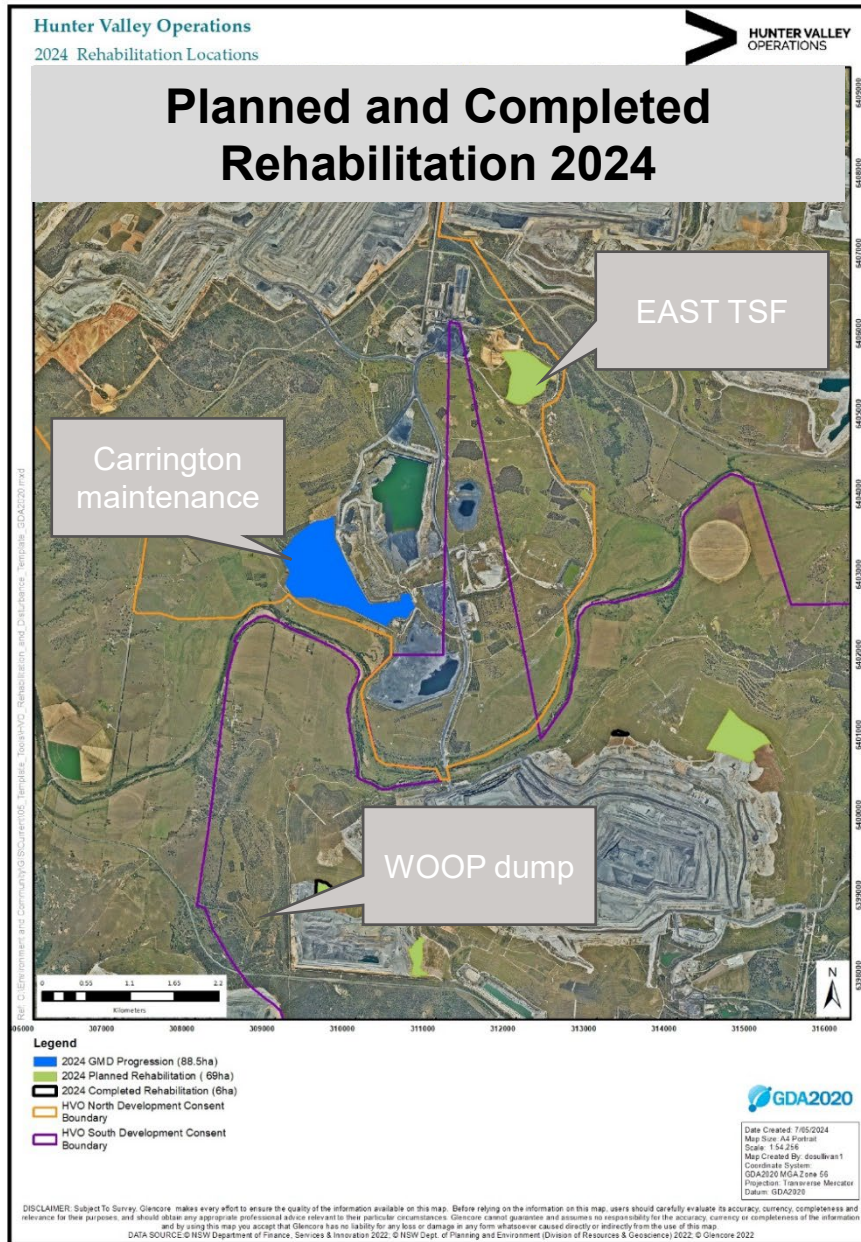


*Shaping occurring on the Cheshunt Natural Landform design*





# Rehabilitation



- Significant maintenance being undertaken on Carrington rehab to move from cover crop to final seed mix. Mulching and boom spraying of the area being completed
- Works have commenced to repair drainage on the old WOOP dump





# Feral Pest Management

## Programme of 2024 Activities

Synchronised baiting and trapping programmes co-ordinated with other sites and Hunter LLS.

- Summer 1080 Wild Dog Control Program completed. Ran for 6-8 weeks
- Autumn 1080 Wild Dog Control Program due to commence Monday 13<sup>th</sup> May and finish 14<sup>th</sup> June. 'Hoggone' pig baiting program to be added based on recent sightings
- Spring 1080 Wild Dog Control Program likely date September 2024
- 'Hoggone' pig baiting program to coincide with Spring 1080 Wild Dog Program date
- HVO rural licensee pig control programmes are ongoing via bounty payments. Only 1 claimed to date for 2024
- Several kangaroo commercial harvests completed since the start of 2024



SPARTAN M 06/30/2022 19:15:21 057°F PO

HVO Vertebrate Pest Control Summary			
Vertebrate Pest	2024 YTD	2023	
Kangaroos	90	460	
feral pig (trap)	0	31	
feral pig (bait)	0	45	
feral pig (shoot)	1	43	
fox	0	0	
fox (bait)	74	56	
hare	0	0	
feral cat	0	0	
rabbit	0	0	
wild dog	0	0	
wild dog (bait)	48	120	
deer (other)	0	0	
<b>Overall TOTAL</b>	<b>213</b>	<b>755</b>	



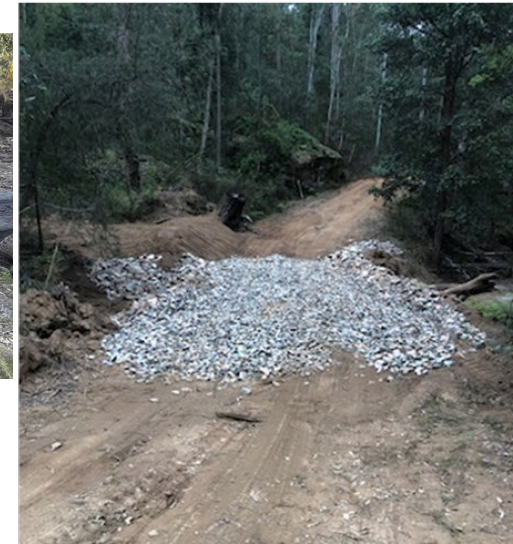


# Biodiversity Offsets

- Erosion has been repaired at Condon View
- Management of African Olives will continue across all offsets
- River Red Gums have been planted in priority areas along Hunter River and Wollombi Brook and weed management will continue in these areas
- Water tanks will be placed in specific offsets to assist with fire management and weed control
- Burnt fences at Crescent Head have been surveyed and will be repaired in first half of this year



*Erosion repair –  
Condon View*



*River Redgum Planting – Wollombi  
Brook*





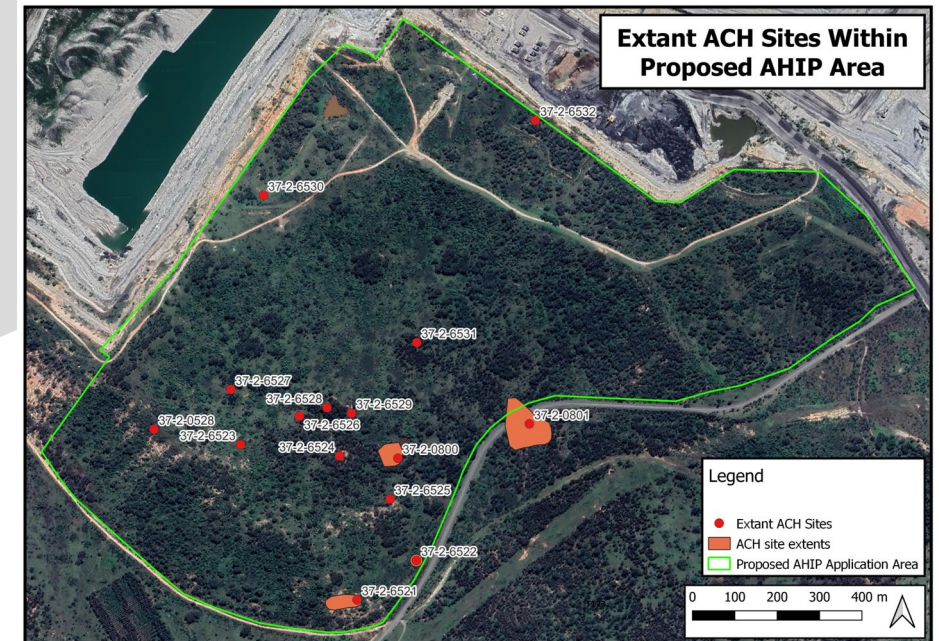
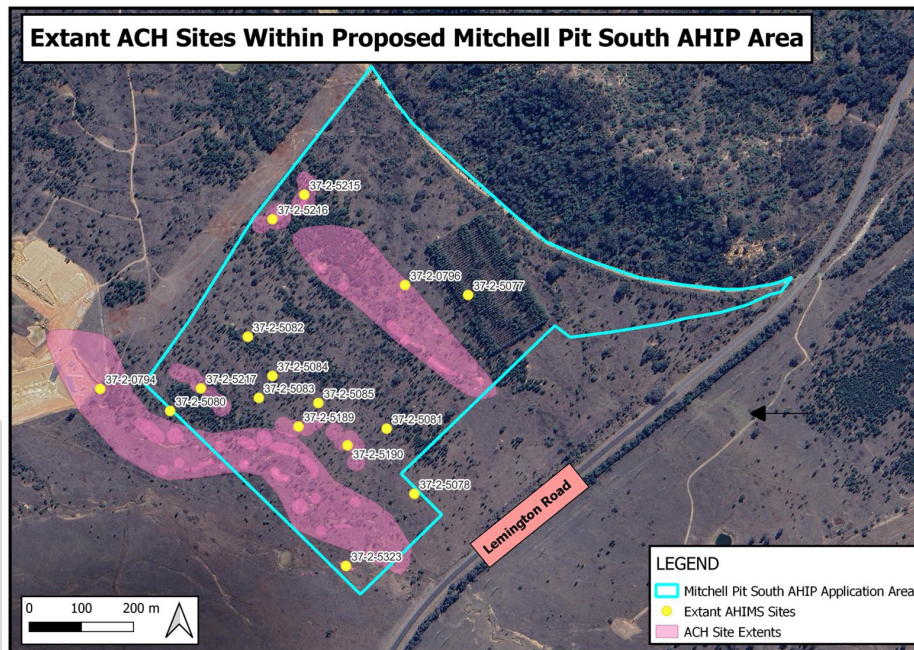
# Heritage

## Aboriginal Cultural Heritage:

- Wilton and Mitchell Pit East AHIP #5219 approved. Salvage completed during February 2024
- Mitchell Pit South AHIP application consultation meetings commenced March 2024. Test excavation completed during April 2024



Wilton and Mitchell Pit East AHIP 5219







# Heritage

## **Historic Homestead Project:**

HVO engaged Castlewright to quantify and cost maintenance works.

Castlewright invited quotes from restoration companies in April 2024

## **Maintenance:**

Yard maintenance works and termite interception system inspections at LEP listed properties ongoing



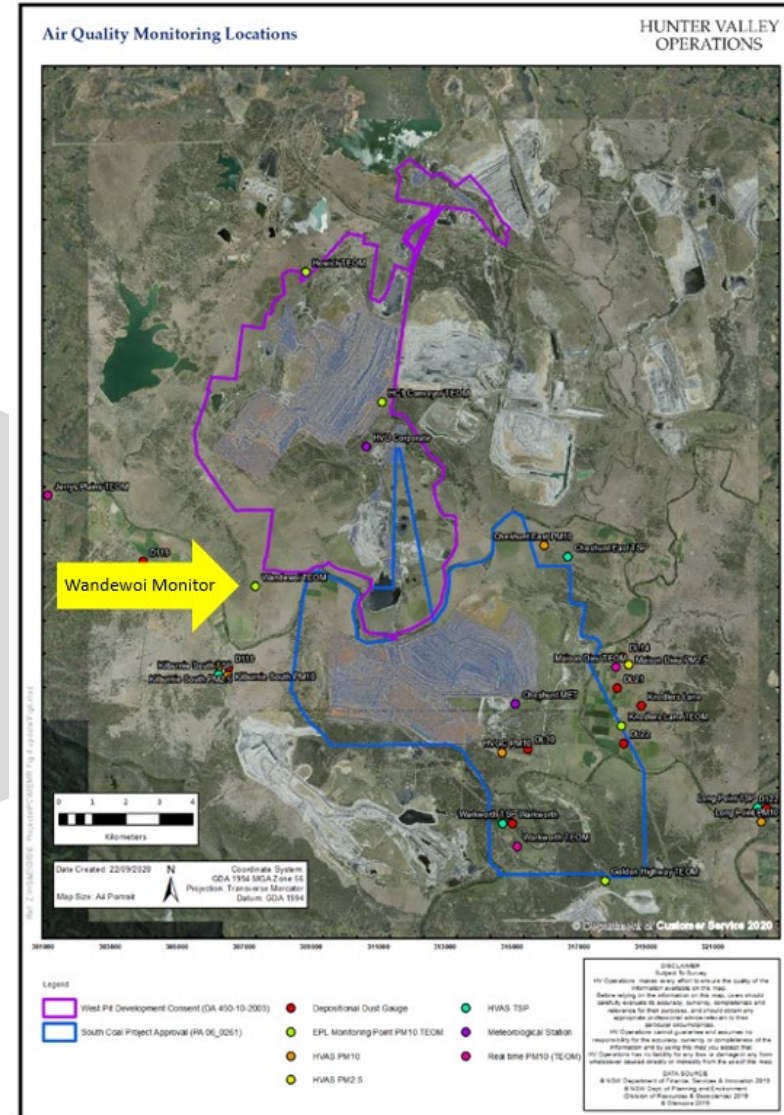
*Temporary structural support at Archerfield Homestead distillery*



# Reporting, Exceedances and Inspections

## 4 February TEOM PM<sub>10</sub> Dust Exceedance – Wandewoi (mine owned land)

- PM10 monitoring results (55.5ug/m<sup>3</sup>) received on 4 February reported results in excess of the 24-hr averaging period criteria of 50ug/m<sup>3</sup>.
- Being mine owned land this is not an exceedance of development consent criteria, however HVO informed the tenants during February in accordance with Schedule 3 Condition 4A of Project Approval DA 450-10-2003
- As well as notification, neighbours were provided with a NSW Health fact sheet regarding air quality and further sample results from the days following the exceedance





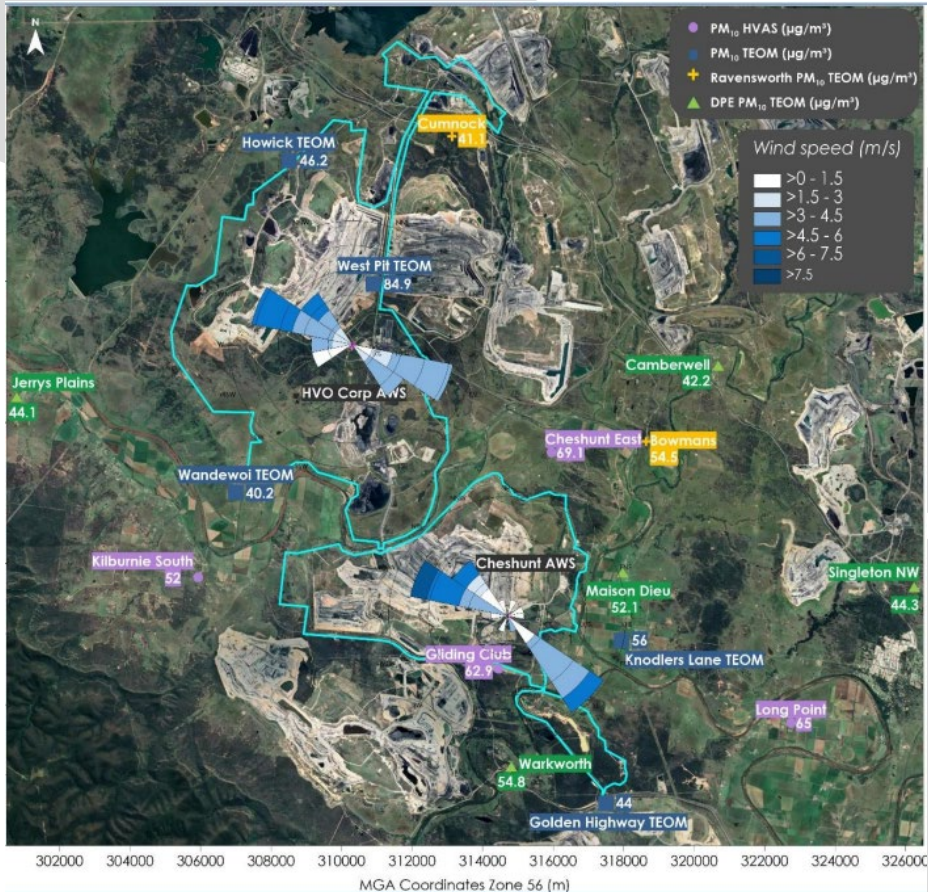


Figure 1: Particulate results for 5 February 2024

## 5 February PM<sub>10</sub> Dust Exceedance – Cheshunt East

- Cheshunt East High Volume Air Sampler (HVAS) recorded a result greater than the 24-hour averaging period of 50µg/m<sup>3</sup>
- Todoroski Air Sciences (TAS) undertook an investigation. TAS calculated HVO North’s estimated maximum PM<sub>10</sub> contribution to be less than or equal to 13.4µg/m<sup>3</sup>
- HVO notified the DPHI of this exceedance and has submitted an incident report demonstrating compliance with Air Quality Management plan



# Reporting, Exceedances and Inspections

## 13 March TEOM PM<sub>10</sub> Dust Exceedance – Jerrys Plains

- PM10 monitoring results (51.2ug/m<sup>3</sup>) received on 13 March reported results in excess of the 24-hr averaging period criteria of 50ug/m<sup>3</sup>
- HVO's maximum calculated contribution to this result was 13.3 µg/m<sup>3</sup>, indicating that HVO was not the primary contributor to this exceedance.
- A fact sheet on the exceedance and NSW Health “Mine Dust and You” were provided at our community information session on 23 April. Air Quality data is also available via the Upper Hunter Air Quality Monitoring Network.

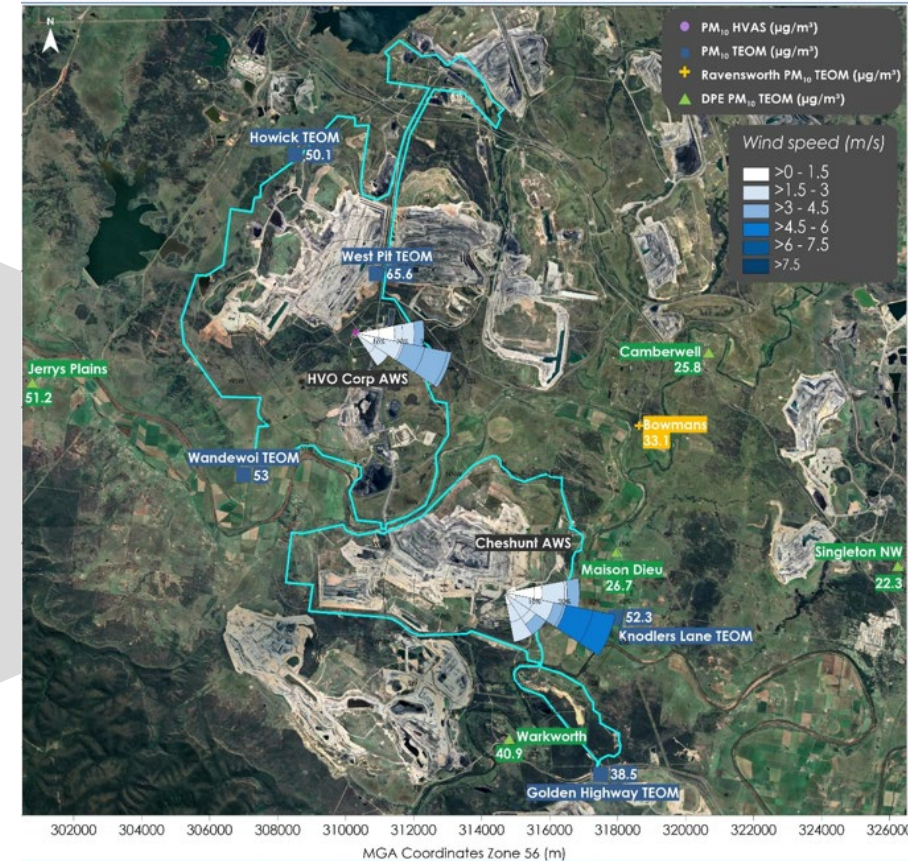


Figure 1: Particulate results for 13 March 2024

# > Reporting, Exceedances and Inspections

## 2023 Annual Average Exceedances

- Five air quality monitoring locations exceeded the annual average criteria as outlined in Table 1.
- Reported in Annual Environmental Review. With exception of Warkworth TSP, HVO contribution assessed as not significant
- Notification to private landowners or tenants of mined owned land effected by PM10 and TSP have been made as per the requirements of Schedule 4, Condition 3 of DA 450-10-2003 or Schedule 4, Conditions 2 & 3 of PA 06\_0261

Table 1: 2023 Annual Average Air Quality Exceedances PM<sub>10</sub> & PM<sub>2.5</sub>

Parameter	Monitoring Location	Annual Average Criteria (Total) µg/m <sup>3</sup>	Total measured (excluding extraordinary events) µg/m <sup>3</sup>	HVO South Contribution µg/m <sup>3</sup>	HVO North Contribution µg/m <sup>3</sup>
PM <sub>2.5</sub>	Maison Dieu HVAS	N/A (North) 8 (South)	11.1	1.8	N/A
PM <sub>2.5</sub>	Kilburnie South HVAS	N/A (North) 8 (South)	13.3	1.9	N/A
PM <sub>10</sub>	Gliding Club HVAS	N/A (North) 25 (South)	31.7	12.8	N/A
PM <sub>10</sub>	Warkworth TEOM	N/A (North) 25 (South)	32.5	3.4	N/A
TSP	Warkworth HVAS	N/A (North) 90 (South)	130.8	51.9	N/A





# Annual Reporting

2023 Annual Environmental Review submitted to Government Departments on 28 March

- 3 dust non-compliances
- 0 noise, blasting or water related non compliances

*Table 1-2: Non-Compliances*

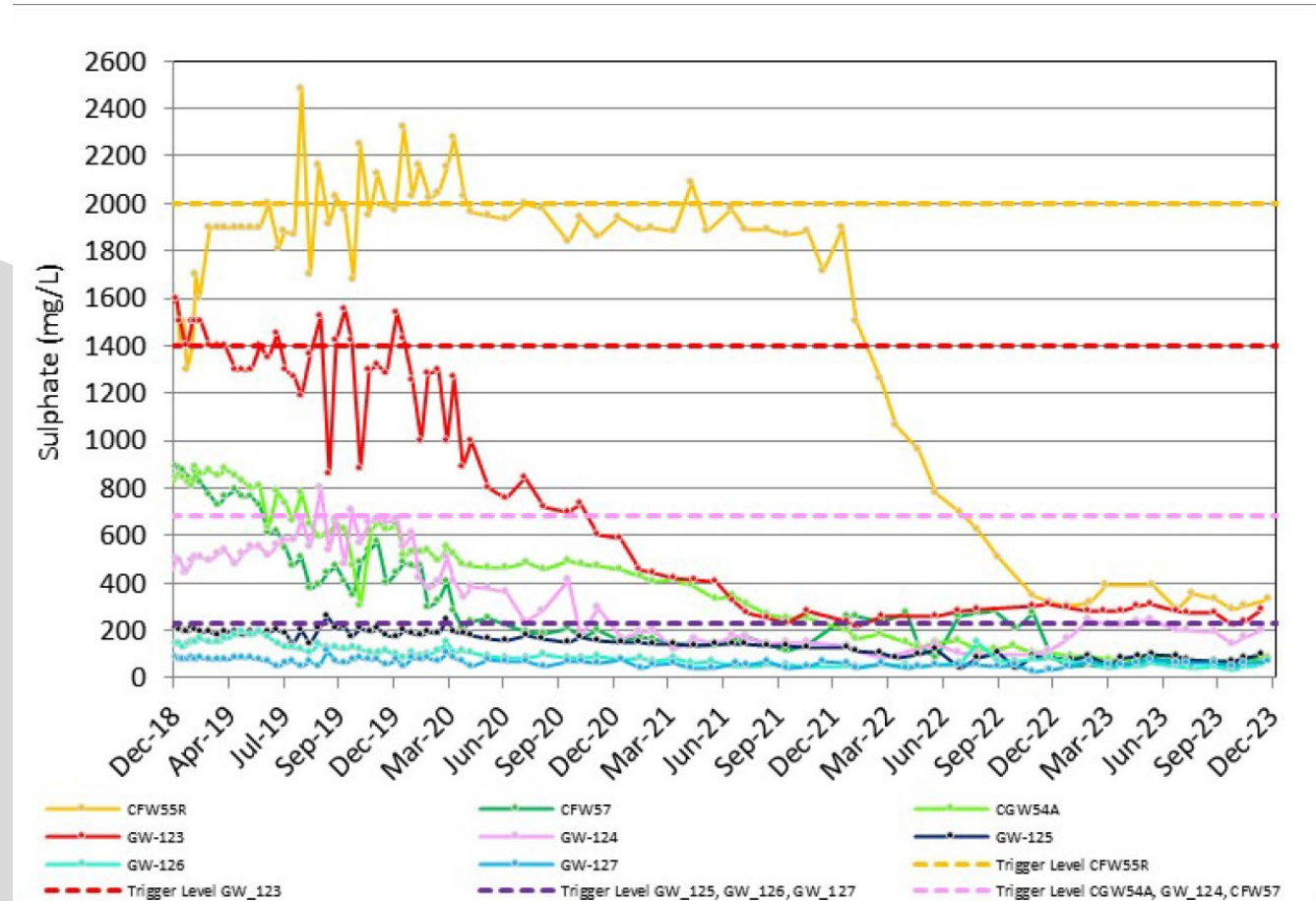
Relevant Approval	Condition Number	Condition Description	Compliance Status	Where Addressed in Annual Review
DA 450-10-2003	Schedule 3 Condition 4A	Cheshunt East PM10 Exceedance 6 March 2023	Non-compliant (low)	Section 11
DA 450-10-2003	Schedule 3 Condition 4A	Cheshunt East PM10 Exceedance 20 September 2023	Non-compliant (low)	Section 11
PA 06_0261	Schedule 3 Condition 19	Warkworth TSP Annual Average Exceedance	Non-compliant (low)	Section 11



# Annual Reporting

2023 North Void Tailings Storage Facility Annual Analysis report submitted 26 March

- Groundwater chemistry has declined and stabilised as has standing water level,
- Indicates that current controls are being effective
- HVO developing a study to assess alternative options to a barrier wall. First stage requires an assessment of in situ tailings characteristics.



# > Load Point Pollution Reduction Programme

Completion report submitted to EPA on 28 March

- Priority works completed (increased water storage and upgraded pipelines)
- ~\$6M project
- Some ongoing commissioning of mechanical infrastructure and communications







# Management Plans

HVO currently pending approval from DPHI on a number of management plans, most recent updates:

- Hunter Valley Gliding Club Management Plan revised and re-submitted 26 April to DPHI in response to their RFI
- North and South Aboriginal Cultural Heritage Management Plans to be resubmitted following consultation with Cultural Heritage Working Group on 2 May



# Exploration Works 2024

- Surface exploration (2 x drill holes) are anticipated in EL 5417 and EL 5606 during 2024.
- Should further exploration works be required in ELs, HVO will conduct consultation with impacted stakeholders.
- The remainder of surface exploration drilling for 2024 is confined to Mining Leases, with works targeting the Bayswater and Barrett seams.

Hunter Valley Operations  
EL 5417 and EL 5606





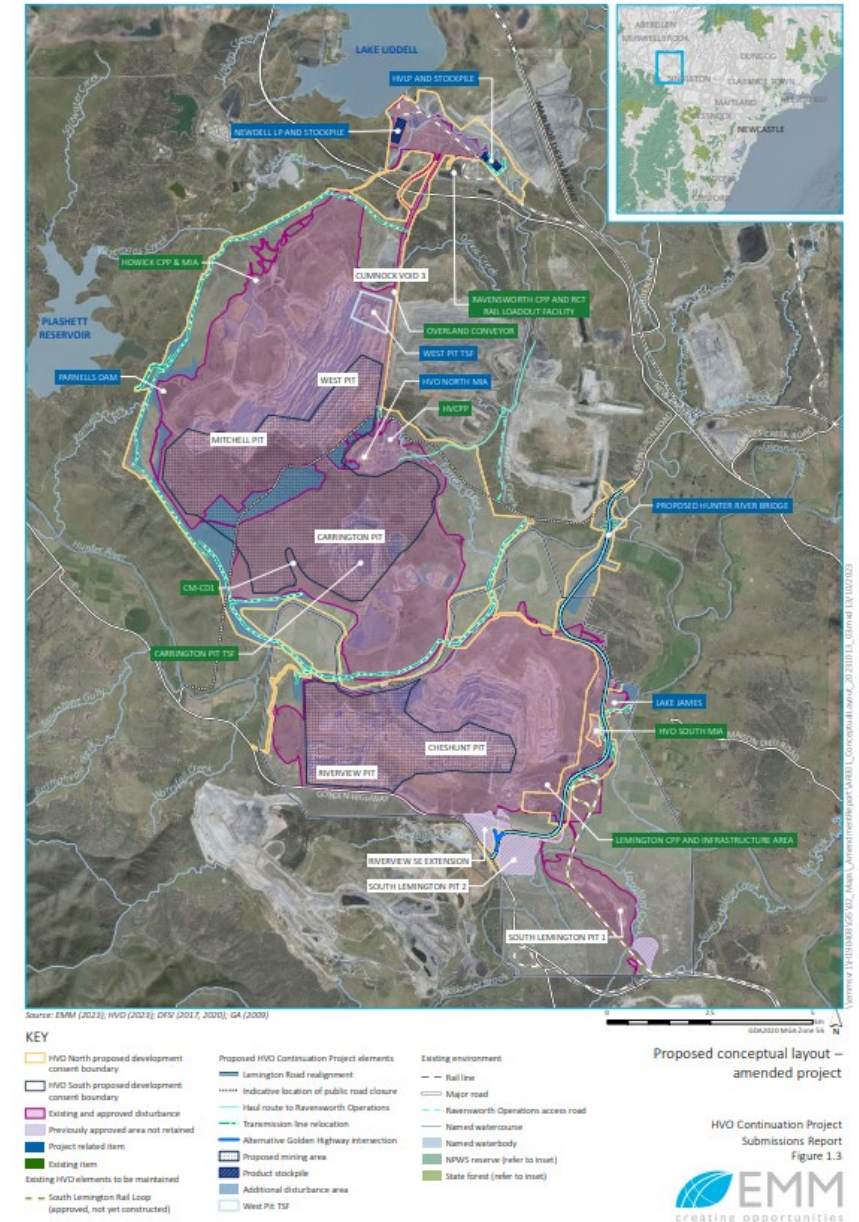


# APPROVALS

# HVO Continuation Project

## NSW Approval Update

- Submissions Report and Amendment Report lodged November 2023
- Project is currently under assessment by the NSW DPE
- DPE have referred the Project to the Independent Expert Advisory Panel for Mining (IEAPM)
  - Reviewing GHG and water related aspects
  - Site inspection completed - 16/17 April
- Supplementary submissions have been prepared in response to feedback from Government agencies including:
  - Projects consideration of *The Climate Change (Net Zero Future) Act 2023* introduced in December 2023
  - Response to RFIs relating to air, noise, water and traffic
  - Engagement with Singleton Council and Muswellbrook Shire Council regarding the establishment of a VPA and closure of Lemington Road
- Some other minor RFIs currently being addressed for provision to DPE
- Independent Planning Commission (IPC) to determine the Project




















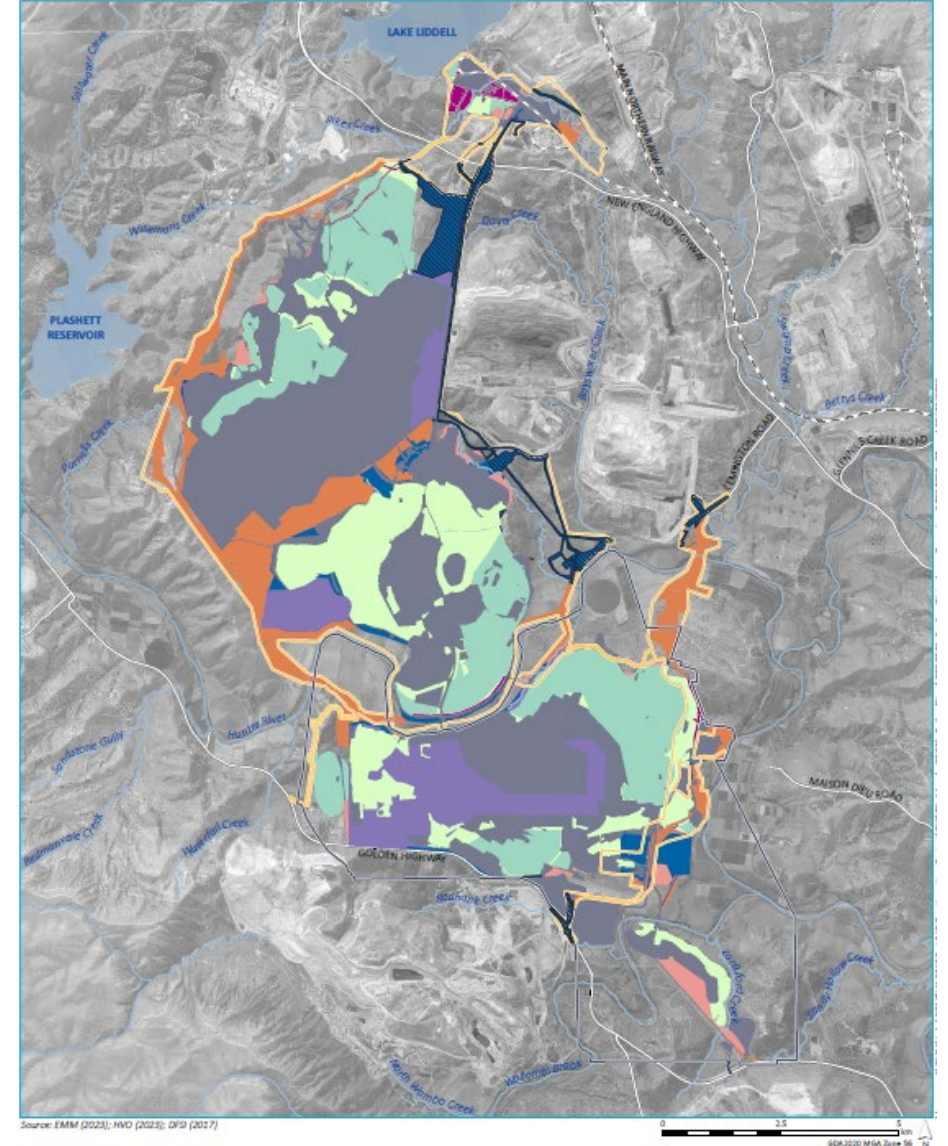
# HVO Continuation Project

## Federal Approval Update

- The Project has been deemed a Controlled Action for impacts to biodiversity and water
- Federal Public Environmental Report (PER) guidelines issued by DCCEEW on 19<sup>th</sup> March 2024
- DCCEEW have requested separate PERs for HVO North and HVO South
- Project has been split into ‘domains’ for assessment under the EPBC Act
- Additional offsets required to account for EPBC Act assessment
- Project requires consideration by the Independent Expert Scientific Committee (IESC) for water
- PERs currently being prepared for submission in May

### KEY

 HVO North proposed development consent boundary	 Domain 1   Active mining area and associated disturbed areas as at June 2025
 HVO South proposed development consent boundary	 Domain 2a   Rehabilitation as at June 2025 - not to be re-disturbed
 Other mine EPBC approval interactions	 Domain 2b   Rehabilitation as at June 2025 - to be re-disturbed post 2025
Existing environment	 Domain 2c   Rehabilitation as at date of approval - to be disturbed after approval but prior to 2025
 Rail line	 Domain 3   Original BIAA (already assessed)
 Major road	 Domain 4   Additional BIAA (surface disturbance requiring additional assessment for EPBC Act)
 Named watercourse	 Domain 5   State approved area but not seeking EPBC Act approval to disturb
 Named waterbody	 Domain 6   Prior EPBC Act referral areas



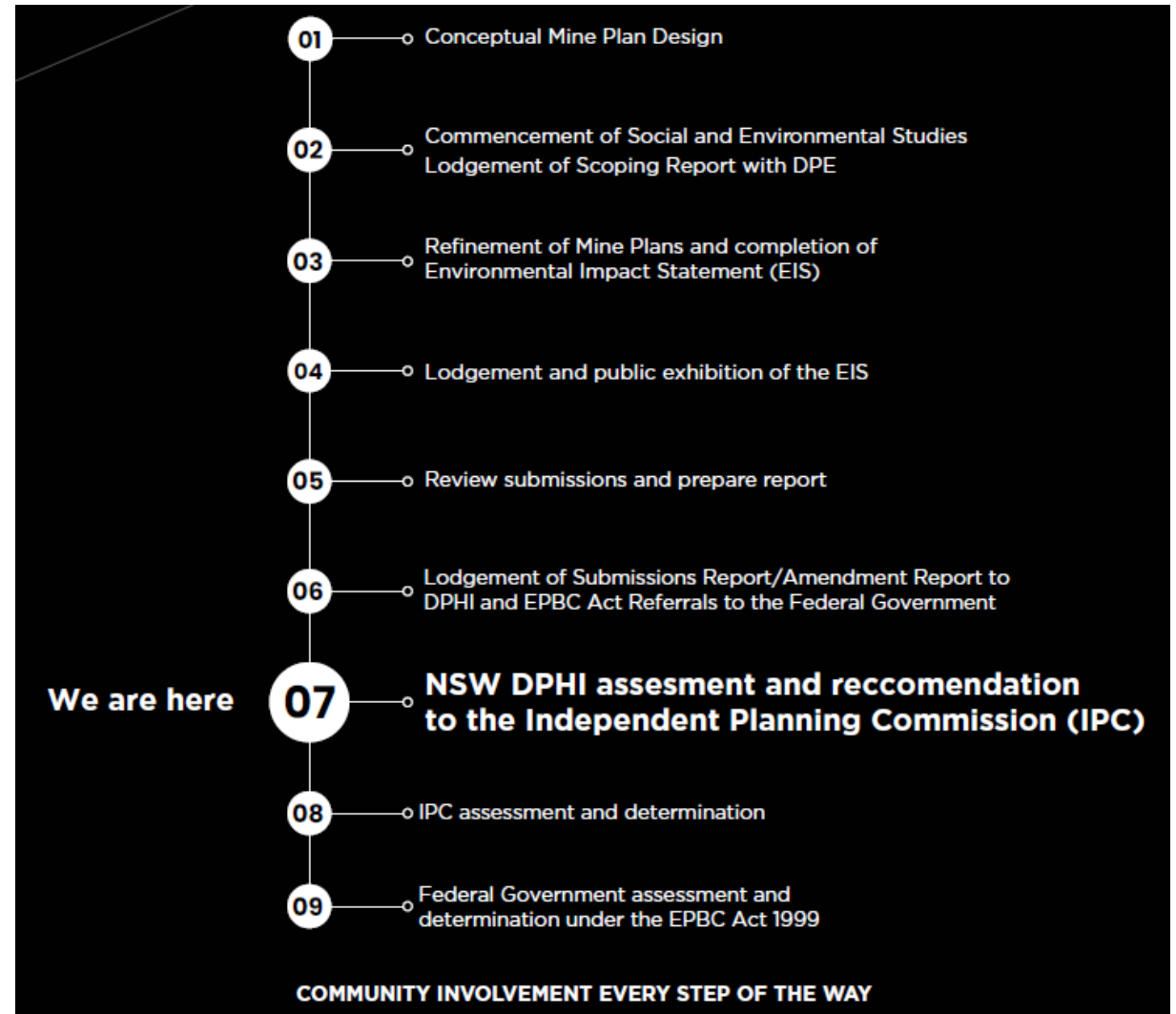
# HVO Continuation Project

## NSW Assessment Timing

- NSW DPE assessment of the Project – Q2 2024
- NSW IPC Assessment & Determination – Q4 2024
- Post approvals and execution planning
- Commencement of construction ~Q2 2025

## Federal Assessment Timing

- Submission of Federal PERs – May 2024
- IESC Assessment – July/Aug
- Public Exhibition of the PERs – Sept 2024
- EPBC Act assessment and determination – post NSW State determination







# COMMUNITY



# Community

Local organisations successful in obtaining funding so far this year are as follows:

Title	Organisation	Focus Area	Amount Granted	Comment
Singleton Business Awards	Business Singleton	Local need / capacity building	5,000	n/a
Mezzanine floor construction	Maitland Steam and Antique machinery Association	Capacity building and local / regional need	11,210.28	n/a
TV, Movie and Nostalgia Festival – Exhibit	Muswellbrook Chamber of Commerce	Local need	5,000	n/a
<b>TOTAL</b>			<b>\$21,210.28</b>	

Round One 2024 has just closed, with thirty-two applications received



# > Community



Steamfest has received funding to build a mezzanine floor to aid in flood-proofing their facility at Maitland

Photos from the Rally Ground during the 2024 Hunter Valley Steamfest





# Community

HVO will again be sponsoring the Singleton Business Awards night on 6 July



HVO will be sponsoring the 2000s exhibit at the upcoming nostalgia festival on 6 – 8 September





## HVO Apprentice Programme



*HVO apprentice (and former student) Sam, with school director Natalie*

During February, HVO apprentices helped build and shape the new play space area at Branxton pre-school. Works included building raised garden beds, a stepping stone garden boundary and garden plantings. The apprentices were lead by HVOs programme coordinator Paul Watters







## HVO Apprentice Programme



During



During





## HVO Apprentice Programme



Before



After

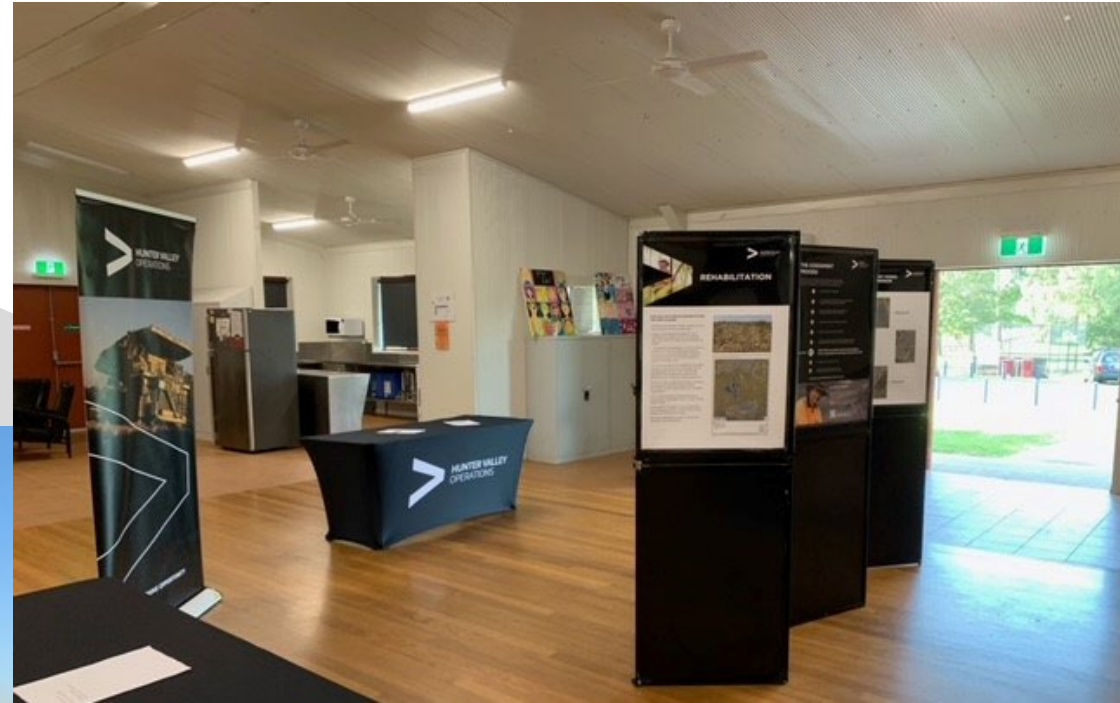
The official opening will be on 16 June 2024





# Community

Community information sessions were held at Maison Dieu (13 April) and Jerrys Plains (23 April)



Sessions consisted of monitoring, production and continuation information posters, HVO environment and community as well as production staff and mobile coffee / refreshments





# Community

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Former HVO picnic tables at Singleton Girl Guides



Four other tables were delivered to Jerrys Plains School of Arts (2) and Singleton Motocross Club (2)



# First Nations Pathway Programme - 2024

GLENCORE



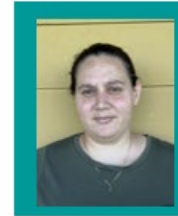
First Nations  
Pathway Program

- HVO is getting involved with Glencore's successful Pathway Programme
- Provides a pathway for Aboriginal people living in the Upper Hunter Area to gain employment in mining or related industry
- 2024 programme has commenced with 12 candidates selected
- Phase 1 provides 12 weeks of pre-employment training
- Phase 2 provides participants with work placements at HVO and other Glencore sites
- Seeking expressions of interest for Aboriginal mentors at HVO

## NSW Class of 2024



Aaron Murrell



Maricky Hooper



Susana Ramirez



Felicia Mason



Patricia Doyle



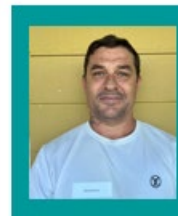
Tori Short



Jawahn Gordon



Brodie Madden



Daniel Skinner



Erin-Lee Nean



Natasha Jean Gray



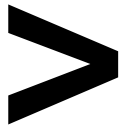
Brayden Field





# Community Representative Feedback

- Brian Atfield
- Jeannie Hayes
- Todd Mills
- Di Gee
- Cr Sue George
- Neville Hodgkinson



# General Business

- New date for August meeting







# 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

## **Website**

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



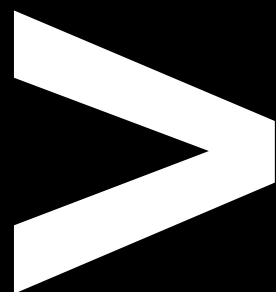
# Next CCC Meeting

**Next meeting?**

Wednesday 7 August 2024







**HUNTER VALLEY**  
OPERATIONS