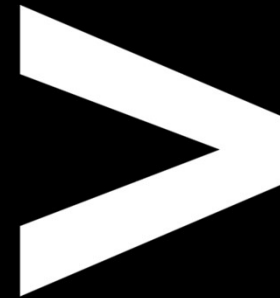




CCC Meeting

28 August 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

- Todd Mills
- Neville Hodgkinson
- Di Gee
- Dave Foster



Correspondence

Date	From	Content
10/05/2024	NM	Glencore Apprentice Programme details sent to CCC members
25/05/2024	Sarah P	Finalised / accepted minutes from February meeting received
10/06/2024	Sarah P	Draft minutes (8 May meeting) received for HVO comment
4/07/2024	Sarah P	Draft minutes received for CCC member comment
5/07/2024	NM	Draft minutes sent for CCC member comment
5/07/2024	Sue G	Acceptance of minutes without change (no other comments received)
7/08/2024	NM	HVO CCC Terms of Reference document and link to HVO website as well as details of upcoming UHMD community forum
19/08/2024	NM	Invitation to CCC members, including agenda and business papers, for meeting on 28 August 2024



Confirmation of Previous Minutes

- Minutes from previous meeting (8 May 2024) have been:
 - Circulated for comment for a period of four weeks;
 - Suggested changes incorporated;
 - Await confirmation / finalisation at this meeting (28 August 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)



Action Arising from Previous CCC Meeting

AS

- 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 awaiting staff member to attend a future HVO CCC Meeting. Last invited 31 May 2023
- CCC Terms of Reference. Complete and available on HVO website



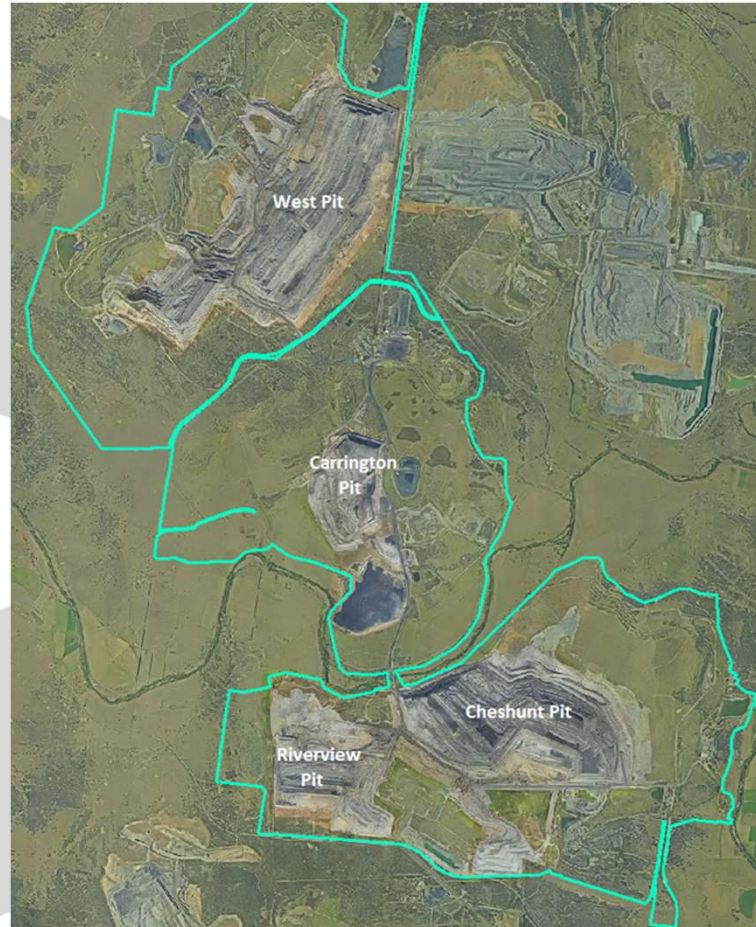
OPERATIONS UPDATE





HVO Mine Areas

DF



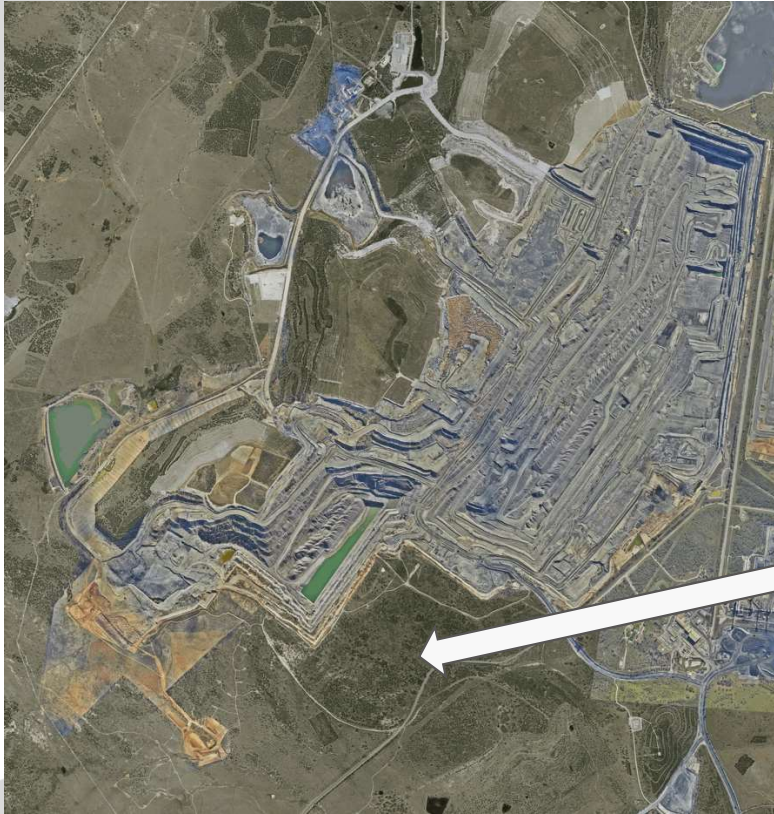


West Pit

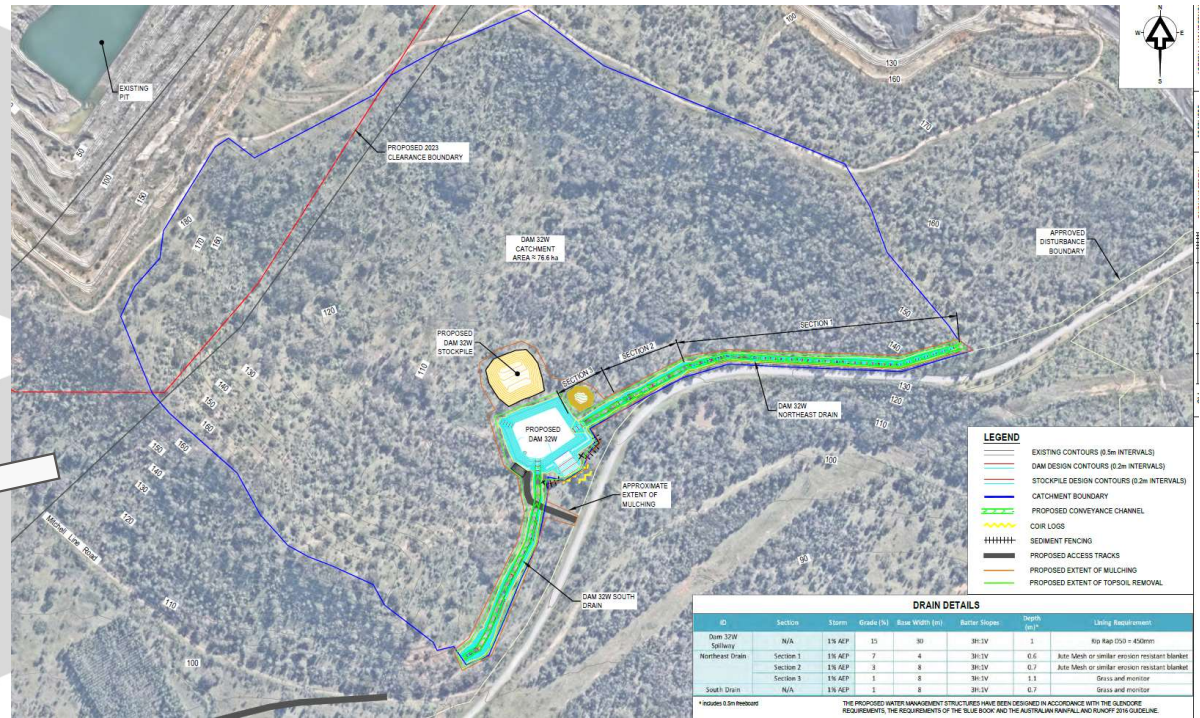




Vegetation Mulching and Sediment Dam Construction

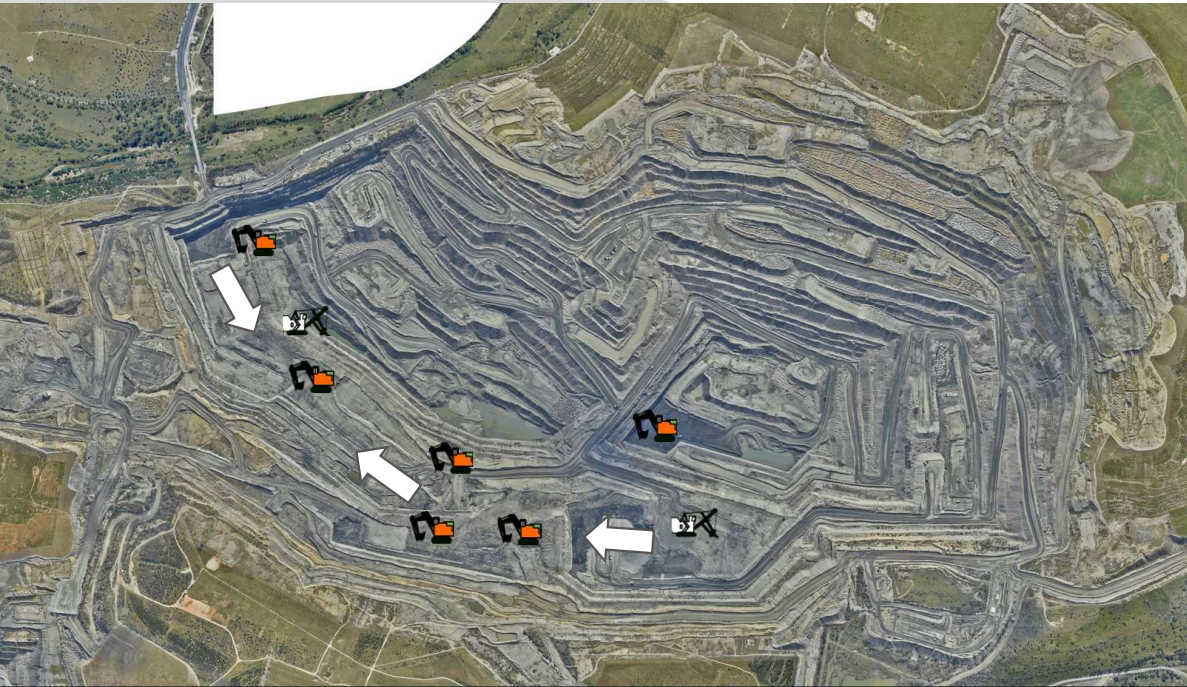


- Intermittent road closure during boundary mulching
- Contractor access





Cheshunt





ENVIRONMENT

HUNTER VALLEY OPERATIONS

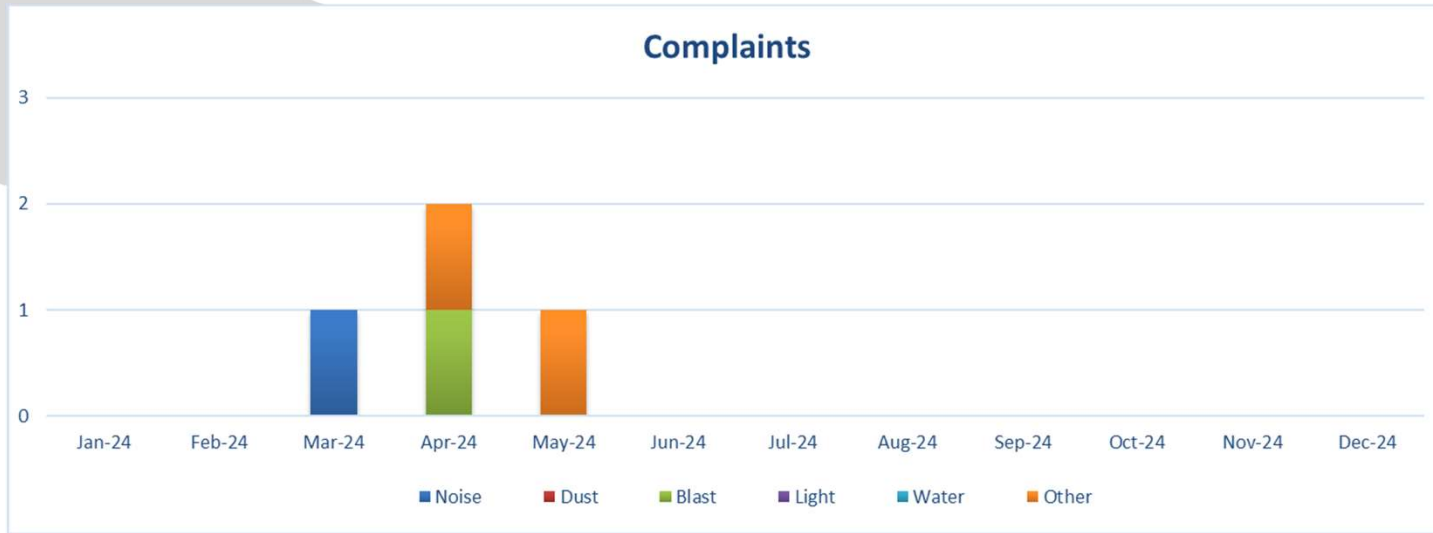


AS



Complaints

AS



4 May – 28 August 2024: No complaints

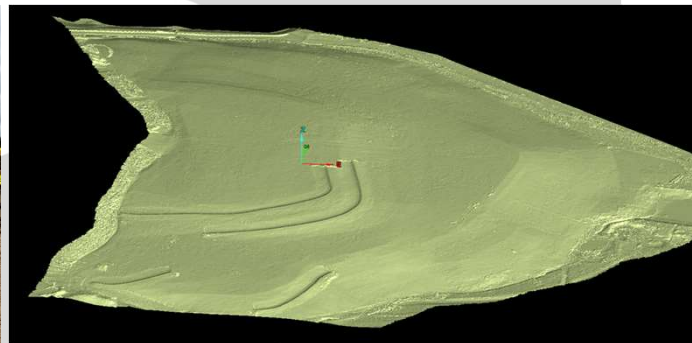


Rehabilitation

- 18ha of rehabilitation has been seeded YTD at Riverview, West Pit and Barrys
- Shaping works have been completed on the East TSF landform and drainage works have commenced
- Shaping has commenced at Cheshunt Geofluv with topsoiling expected to start in September

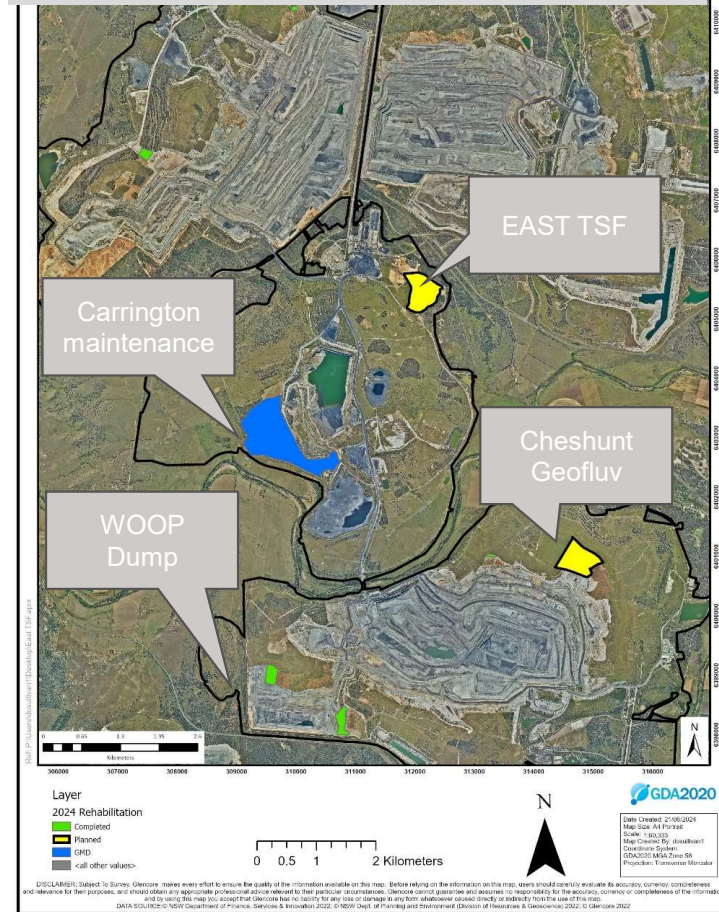


2024-08-01
13:09:15+10:00



Contour construction at East TSF Rehabilitation Area

Planned and Completed Rehabilitation 2024





Rehabilitation Maintenance

- Over 300ha of rehabilitation maintenance has been completed YTD. This includes weed spraying, erosion repair and mulching
- Works have been progressing on the Carrington GMD area with final boom spraying occurring and seeding of final land use expected to occur during September
- Works at the WOOP dump are awaiting approval from Crown Lands to recommence



Mulching of Acacia Saligna in Glider Pit during August

> Rehabilitation Annual Aerial Seeding

Aerial seeding to aid dust suppression and visual amenity was undertaken on 28 May 2024 and consisted of:

- 13.8 tonnes of seed
- 43.5 tonnes of fertiliser
- 395ha covered in West Pit, Carrington Pit, Cheshunt Pit, Riverview Pit, as well as a trial on the North Void Tailings Storage Facility
- Pasture seed mix (rye grass, oats, vetch, couch, lucerne and brassica) was specially selected to provide green cover and opportunities for germination across all seasons
- Completion within one day



Loading of plane with seed mix



Seed germinating on west pit bench



Biodiversity Offsets

Weed control and fence maintenance remain the main management focus.

- Hook: targeted removal of African Olive and exotic Pigeon Grass. Fencing from redundant cattle yards removed.
- Wandewoi: Focus on ridgeline and riverbank weed management
- Mitchelhill West: Coolatai grass management has been effective

*Wandewoi riverbank
weed management*



*Hook offset area
regrowth weed
management*

> Operational Weed Management

Focus has been on Hunter River riparian areas and River Redgum communities.

- Target weeds include castor oil, balloon vine, green cestrum, galenia and inkweed
- Trialling weed wiping in areas where native regrowth is intermixed with weedy species. Provides greater control over herbicide application than spraying.





Feral Pest Management

Programme of 2024 Activities

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

- Summer 1080 Wild Dog Control Program completed. Ran for 6-8 weeks. 122 baits taken by dogs and foxes.
- Autumn 1080 Wild Dog Control Program completed. Ran for 4 weeks. 61 baits taken by dogs and foxes.
- Autumn 'Hoggone' pig baiting program completed. 33 pigs dispatched
- Winter/Spring 'Hoggone' pig baiting program brought forward to August in response to sightings and align with a neighbour's concern and trapping program.
- Spring 1080 Wild Dog Control Program planned 24/10/2024
- HVO rural licensee pig control programs are ongoing via bounty payments. 44 claimed to date for 2024
- Kangaroo commercial harvests severely impacted by closure of Jerrys Plains chiller, HVO now applying for a landholder's licence to cull kangaroos to manage growing numbers.



Wild Dog within mining area

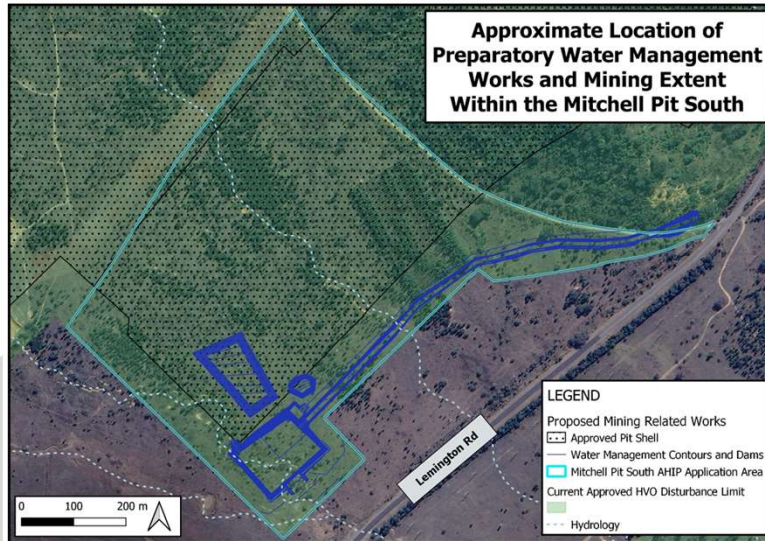
HVO Vertebrate Pest Control Summary			
Vertebrate Pest	2024 YTD	2023	
Kangaroos	150	460	
feral pig (trap)	24	31	
feral pig (bait)	33	45	
feral pig (shoot)	20	43	
fox	0	0	
fox (bait)	92	56	
hare	0	0	
feral cat	0	0	
rabbit	0	0	
wild dog	0	0	
wild dog (bait)	91	120	
deer (other)	0	0	
Overall TOTAL	410	755	



Heritage

Aboriginal Cultural Heritage:

- Mitchell Pit South AHIP application consultation meetings commenced March 2024. Test excavation and survey completed during April 2024
- Mitchell Pit South AHIP submitted 20/8/2024, 60 day Heritage NSW assessment underway
- HVO North HMP and HVO South ACHMP updated and submitted to Heritage NSW and Registered Aboriginal Parties for feedback

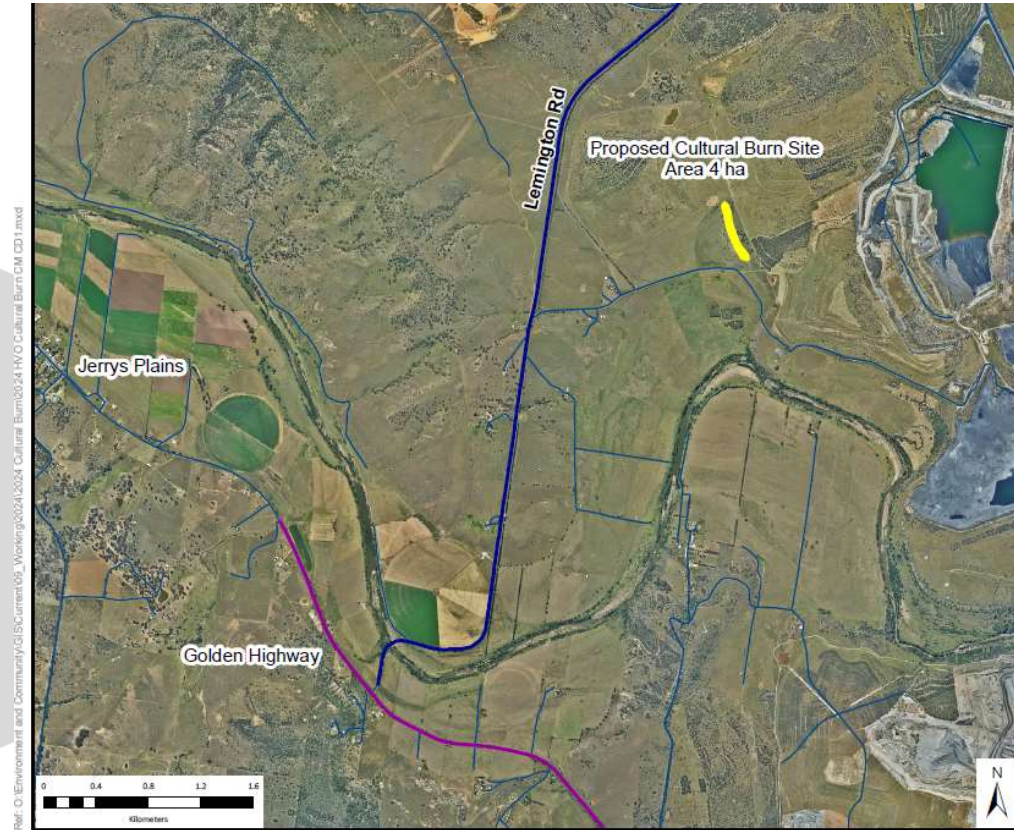




Heritage

Cultural Burn:

- Reduce fuel load and cleanup weed load within CM-CD1 cultural heritage site near Carrington
- Planned for 4 September weather permitting
- Wonarruah Firesticks Alliance and Bindelong Corp, supported by HVO Emergency Response Team
- RFS and neighbouring landholders to be notified





Heritage

Historic Homestead Project:

- Costing of maintenance works complete. HVO now assessing budgeting/timing of works implementation.
- Initial quotes for restoration works to Wandewoi Homestead parapet received. HVO commercial team finalising Scope of Works.

Maintenance:

- Yard maintenance works and termite interception system inspections at LEP listed properties ongoing.
- Dog Leg Fence firebreak maintenance completed in August



HUNTER VALLEY OPERATIONS

Wandewoi Homestead



Dog Leg Fence

> Dam 15N Pollution Reduction Programme

Dam 15N expansion, completion report submitted to EPA on 30 June

- Doubled capacity to ~200ML to provide 1:100 yr storm water runoff capture from the CHPP area
- Pumping upgrades ongoing to reduce complexity in supply of water to CHPP
- ~\$6M project



> Reporting, Exceedances and Inspections

Submission of the EPL Annual Return

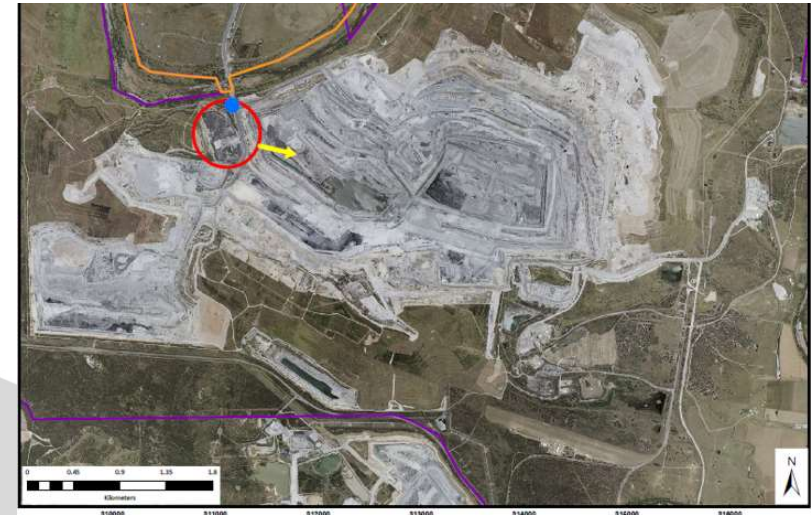
- 6 non-compliances in total
- 5 TEOM dust monitoring locations achieving less than 75% daily data capture (not strictly non-compliances, EPA ask to be notified)
- 1 related to Sewage Treatment Plants not able to be certified (effluent contained onsite)
- Upgrade works in progress

> Reporting, Exceedances and Inspections

AS

4 June – Post Blast Fume Event

- Blast fume ranked as Level 4B in accordance with the AEISG rating scale
- Fume dispersed above HVO Pit
- An internal investigation into the incident found the blast was impacted by a rain event (approximately 60mm) following loading and before initiation.
- Blast planned to be fired prior to rain but delayed to mitigate potential dust impact to Gliding Club
- The event was reported to the Department of Planning Housing and Infrastructure (DPHI), no further follow up was requested



GDA2020

Date Created: 11/06/2024
Map Style: AZ_Brown



> Reporting, Exceedances and Inspections

22 June – Mine Water Discharge (Farrells Creek)

- During an inspection it was noted that water was being pumped out of the Dam 17N pump station sump towards Farrells Creek via a small diameter hose, connected to a small diaphragm pump
- The maximum estimated volume discharged to Farrells Creek was 523kL between 13 and 22 June.
- Upstream water quality had a higher salinity than the discharged water and downstream samples. It was determined that no actual or potential environmental harm was caused
- EPA was notified and incident report submitted.
- A number of actions are being implemented including in field signage, procedure and training updates and sump pump upgrade.

Date/Time	Sampling Location	Field pH	Field EC (µs/cm)	TSS (mg/L)
22/06/2024 16:05	Dam 17N Sump	7.9	4850	<5
22/06/2024 16:15	Dam 17N Upstream	8.1	16070	<5
22/06/2024 16:50	Dam 17N Mid-Stream Culvert	8.2	11700	16
22/06/2024 16:40	Dam 17N Downstream	8.2	9940	154
22/06/2024 17:20	W5 (Oaklands Bridge)	7.9	6045	<5
22/06/2024 17:40	W4 (Hunter River – Oaklands)	8.3	842	22
20/06/2024 8:50	W4 (Hunter River – Oaklands)	8.3	739	13
20/06/2024 12:50	W3 (Hunter River – Upstream)	8.3	745	14

HUNTER VALLEY OPERATIONS



GDA2020

Date Created: 3/07/2024
 Map from: A4 Project
 Scale: 1:14,112
 Map Created By: Shubert1
 Coordinate System:
 GDA2020 MGA Zone 56
 Projection: Transverse Mercator
 Datum: GDA2020

> Reporting, Exceedances and Inspections

Resource Regulator 11/12 June – Revegetation Targeted Assessment Programme

- Reviewed HVO's system documents and planning processes
- Inspected a range of rehabilitation areas
- No regulatory directives issued, recommendations provided in following areas;
 - Risk Assessment
 - Land-use planning (location of grazing areas and infrastructure, fire-trails)
 - Trialling options to topsoil to reduce weeds in native rehab areas
 - Monitoring programmes and reporting
 - Pasture species mix for tailings dams (avoidance of trees)

EPA Inspection 1 August - 5 Year Licence Review

- General site inspection
- Status of Enforceable Undertaking (East TSF), Load Point Pollution Reduction Programme
- Dam 17N incident location



Management Plans

HVO management plans update:

Hunter Valley Gliding Club Management Plan re-submission during April approved by DPPI and communicated with the Glider Club.

- Review of currency of information, terminology and commitments
- Administrative changes

North and South Aboriginal Cultural Heritage Management Plans have been submitted to Heritage NSW for consultation. Updates to align with new Glencore standard

- Administrative changes

Water Management Plan revision submitted to agencies for review following Annual Review submission

- Updating water infrastructure, drainage and general arrangement maps
- Updating status and timing of proposed Pollution Reduction Programmes
- Administrative changes

Fine Reject Management Strategy revision submitted to agencies for review following Annual Review submission

- Update to tailings deposition volumes and strategy
- Contemporised information
- Administrative changes

Integrated Biodiversity Management Plan revision following Annual review submission, in review

- Alignment with other biodiversity documents
- Contemporised information
- Administrative Changes



Exploration Works 2024

- No surface exploration has been undertaken in ELs during 2024
- The surface exploration (2 x drill holes) that were planned within EL 5417 and EL 5606 during 2024 have been postponed until 2025
- 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





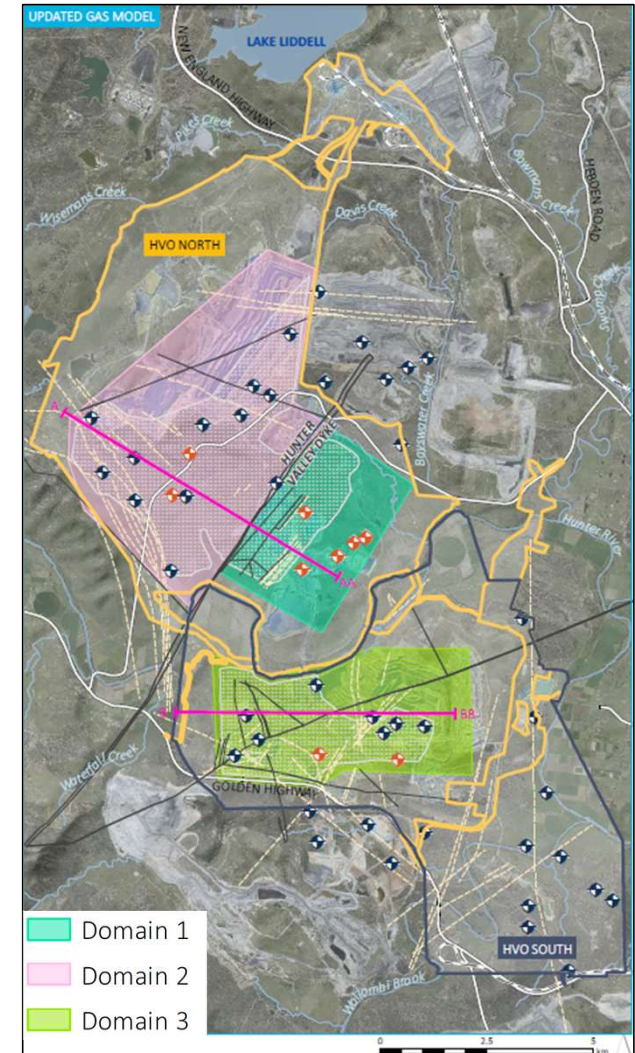
APPROVALS



HVO Continuation Project

NSW Approval Update

- Project is currently under assessment by the NSW DPPI – 10 RFIs completed to date
- Independent Flooding Assessment Peer Review – completed
- Independent Expert Advisory Panel for Mining (IEAPM) (Water and GHG aspects) - completed
 - The IEAPM Report broadly supports the project approach and studies on water and emissions developed by HVO to support continued mining
- DPPI has requested HVO outline any implications of avoiding coal extraction from the mining area referred to as Domain 1
- Currently working through implications of the IEAPM Report and associated RFI
- Some other minor RFIs currently being addressed for provision to DPPI
- The Project:
 - Is subject to the national Safeguard Mechanism (SGM), which imposes restrictions on our GHG emissions against a declining baseline, which is factored into Australia's emission reduction targets
 - Proactively suggested to the NSW Government that they apply emission reduction targets to our project using the national SGM framework to meet targets within the NSW *Climate Change (Net Zero Future) Act 2023*
 - Has committed to the development of a scope for an open cut pre-gas drainage trial within 2 years of consent
 - Has committed three yearly reviews of technologies and abatement measures to reduce GHG emissions from the Project, including whether these measures are reasonable and feasible to implement at HVO

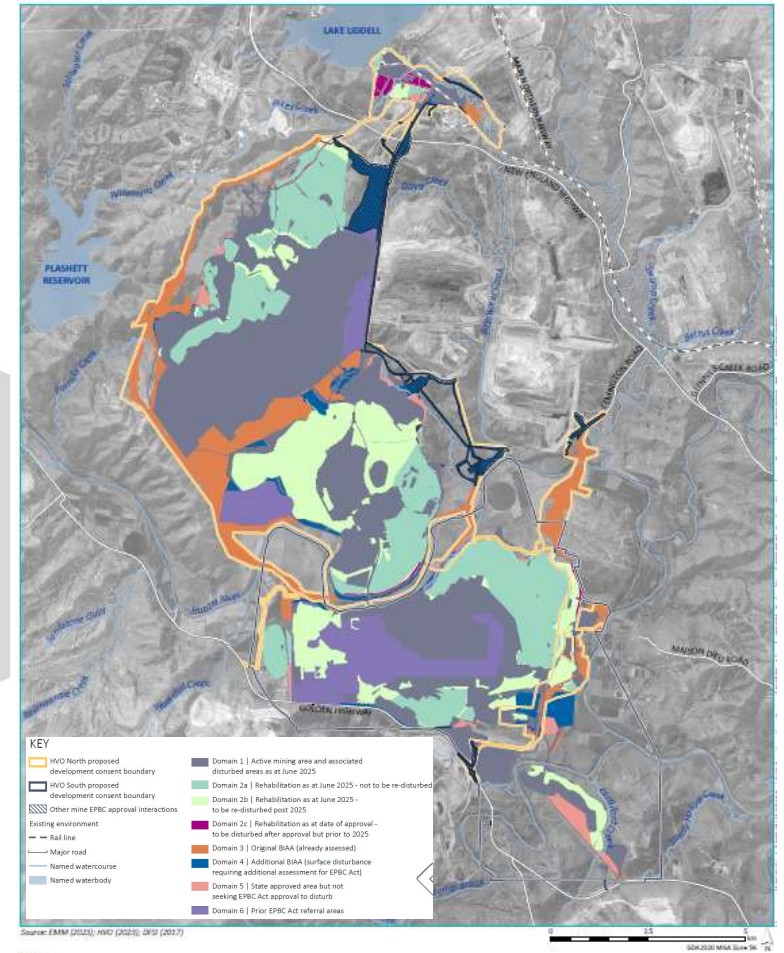




HVO Continuation Project

Federal Approval Update

- Federal Public Environmental Report (PER) guidelines issued by DCCEEW on 19 March 2024
- PERs for HVO North and HVO South were submitted to the Cth DCCEEW – June 2024
- Feedback anticipated in the coming weeks
- Project requires consideration by the Independent Expert Scientific Committee (IESC) for water
- EPBC Legal Challenge – Hunter Environment Lobby (HEL) represented by the Environmental Defenders Office (EDO)
 - 30 May - HEL commenced proceedings under the EPBC Act against the Federal Minister of the Environment in relation to HVO North and South Controlled Action decisions
 - Claim that GHG emissions (Scope 1,2 & 3) and its impacts on the Great Barrier Reefs should be considered as MNES requires further assessment
 - HVO is party to proceedings



V



HUNTER VALLEY OPERATIONS

COMMUNITY

34



Community

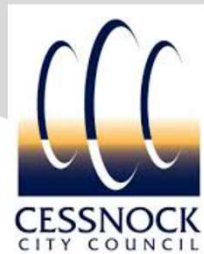
Local organisations successful in obtaining HVO Community Grant Round One Funding:

Proposed Project	Organisation	Focus Area	Amount Provided
2024 Singleton Book Fair	Singleton PCYC	Local / regional need	\$5,204
50 Sparkling Years	Mark Hughes Foundation	Health	\$2,000
Commbox upgrade	Singleton Public School	Education / training	\$4,519
Food for the homeless	Upper Hunter Homeless	Local / regional need	\$3,000
Scout Jamboree	NSW Scout Association	Education / training	\$1,000
SRC wellbeing day	Muswellbrook High School	Health	\$1,542
Singleton Art Prize	Rotary on Club of Singleton on Hunter	Economic	\$2,500
Volunteer support	Singleton Neighbourhood Centre	Local / regional need	\$1,600
Timing system installation	Maitland Tenambit BMX Club	Health	\$4,944
First Aid Course - Year 10	St Catherines Catholic College	Education / Health	\$4,200
Our Bushland Festival	Cessnock City Council	Environment	\$1,500
ASHS Championships	Australian Stock Horse Association	Local / regional need	\$1,500
Athletic fields upgrading	Sandy Hollow Public School	Health/regional need	\$2,968
Little Bang Science Programme	Singleton Public Library	Education / training	\$4,890
Toilet upgrade at Whittingham facility	Hunter Valley Camp Draft	Health / Local Need / Economic Development	\$4,905
Renaissance Star Reading	Denman Public School	Education / training	\$3,157
Creative Hands	Sunnyfield	Health	\$4,500
TOTAL			\$53,929



Community

Round Two of HVOs Community Grant programme will run between
1 – 30 September 2024



If you know of a local organisation who would like to apply, please let them know to contact Nic McLaughlin



HVO Apprentice Programme



The official opening of the new Branxton pre-school play area occurred on 16 June. HVO apprentices, under the lead of programme coordinator Paul Watters, helped with raised garden beds, a stepping stone garden boundary, garden plantings, mulch spreading, painting and much more



Community

AS

NAIDOC Week



NAIDOC week celebrations in Cessnock culminated in the Family Fun Day held at Cessnock TAFE on Saturday 13 July starting at 10am.

HVO supported the event with a \$2,000 community grant to aid in the costs of aboriginal dance performers and other expenses. We also provided our 6m X 3m HVO marquee and banners for the day



Community

AS

Singleton Art Prize

Mine manager Dave Mitchell represented HVO on the night to present the award to the winner



HVO apprentices helped set up and pull down the display area within the Civic Centre hall for the prize



Community

AS

2024 PCYC Singleton Book Fair



The HVO marquee came in handy for shade and protection from the rain!





Ron Stokes Book Launch



HVO recently teamed up with Bulga, UWJV, MGO, several businesses and the wider Singleton community to provide funding for the publishing of Ron Stokes new book 'A Place in Time – Singleton Co-Operative Dairy Company 1900 - 1988'

The book was launched at Club Singleton on Sunday 28 July

The book is available to buy for \$40 from:

- Kirkwoods Produce
- Singleton Historical Museum
- GIO Singleton
- Burdekin Park Pharmacy

All proceeds from Rons books go to the Singleton Hospital Auxiliary to purchase equipment for the hospital.



Jerrys Plains School of Arts – New Stage curtains



HVO teamed up with MTW, Bulga and UWJV to provide funding for new, fire-resistant stage curtains



Community

AS

Upcoming events sponsored by HVO



2000s exhibit at the Muswellbrook
Nostalgia Festival on 6 – 8
September

Wildlife exhibit at Our Bushland
Festival to be held in Cessnock on
Sunday 8 September





Community

AS

Community Information Sessions – Proposed Dates

Jerrys Plains – Wednesday 23 October
Jerrys Palins School of Arts

Maison Dieu – Saturday 26 October
880 Maison Dieu Road



Community

AS

Registrations are now open for the 2024 Community Forum
 You're invited to join the conversation




REGISTER TODAY

Tuesday 29 October 2024
Singleton Civic Centre

- ✓ Have your say on priority issues in the Upper Hunter
- ✓ Raise concerns you may have about mining
- ✓ Discuss how we can work together to address them

ALL WELCOME
FREE TO ATTEND



REGISTER FREE AT: bit.ly/2024CommunityForum

For more information, visit our website and social media:  miningdialogue.com.au

 Email: info@miningdialogue.com.au   Follow the Upper Hunter Mining Dialogue on Facebook & LinkedIn



Community Representative Feedback

CG

- Brian Atfield
- Jeannie Hayes
- Michael Wellard
- Janelle Wenham
- Di Gee
- Cr Sue George
- Neville Hodgkinson



General Business

- Glencore three-year community perceptions survey. You may be contacted via email to partake



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: 0447 448 982

- Send an SMS with word “subscribe” included in text

Website: <https://hvo.com.au>

- HVO website includes information about the operations:
 - Management Plans
 - Approvals
 - Monitoring Data
 - Environmental Reports
 - Community Complaints

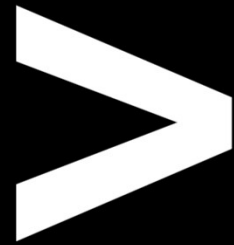


Next CCC Meeting

Next meeting?

Wednesday 6 November 2024





HUNTER VALLEY
OPERATIONS