

HVO CCC Meeting

1:30 PM Wednesday 9 September 2020



**HUNTER VALLEY
OPERATIONS**

Using Webex

The meeting will be accessible via telephone and computer using the Webex application. Please take note of the following points to ensure that the meeting can run efficiently and that each participant's contribution is heard clearly

If you are not speaking, place yourself on Mute:

- On your phone: If you are not speaking, please place your phone on Mute
- On your computer: Next to your name on the Participant list, click the Mute icon
- Ensure you re-mute after you finish speaking / presenting.
- Please be aware that any background noise that you can hear, all participants can also hear. Eg: Dogs, Children, Garbage Truck etc

Do not put the WebEx meeting on hold:

- If you receive another call, do not place the WebEx meeting on hold, doing this places the entire meeting on hold for all participants.
- If you must answer another call, please hang up from the WebEx call then re-join it once your other call has ended.
- If you do not need to take another incoming call, please let it go to voicemail or swipe to decline the call.
- Your consideration of these points during WebEx meetings will assist yourself and your fellow participants.

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. HVO Approvals
9. Community Representative Feedback
10. General business
11. Next meeting

Apologies

- Todd Mills
- Janelle Wenham
- Michael Wellard
- Di Gee

Correspondence

| Date | From | Content |
|-------------|-------------|--|
| 15/06/2020 | PB | Email regarding HVO's 2020 Aerial Seed and Fertiliser Program |
| 19/06/2020 | MB | Email attaching draft minutes from CCC meeting on 20 May for review |
| 10/08/2020 | AS | Email outlining information about HVO's planned shutdown periods |
| 28/08/2020 | MB | Email attaching the community newsletter and hyperlink for Round Two 2020 Community Grants |
| 31/08/2020 | MB | Email forwarding details of Heritage items as per Neville's email request of 29 August |
| 8/09/2020 | MB | Email with teleconference/webex details for CCC meeting on 9 September |

Confirmation of previous minutes

- Minutes from previous meeting (20 May 2020) have been circulated for comment and are awaiting finalisation, requiring confirmation at this meeting (9 September 2020).
- 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 1: HVO to add Historical Properties and their associated Management/Maintenance Plans as a standing agenda item to future CCC meetings

HVO have engaged an archeologist to update the 2012 Historic Heritage Register which includes a summary of current management and maintenance plans and actions. This update will be finalised in the immediate future ✓

Action 2: HVO to collate an inventory of European Heritage artefacts that are stored within heritage buildings ✓

Action 2 - HVO to collate an inventory of European Heritage artefacts that are stored within heritage buildings

- A range of movable heritage items are located in and around the Archerfield outbuildings.
- HVO have engaged Arrow to prepare this inventory which forms part of the historic heritage register for HVO and includes photographs of listed items.
- Archerfield is a modern operational dairy farm and to assist the preservation of these items HVO are investigating opportunities for the off-site preservation of these items via an offer to interested parties including local historical societies and vintage farm machinery clubs that have the resources and capability to store/display/curate items as part of their existing collections.



Action 2 - HVO to collate an inventory of European Heritage artefacts that are stored within heritage buildings

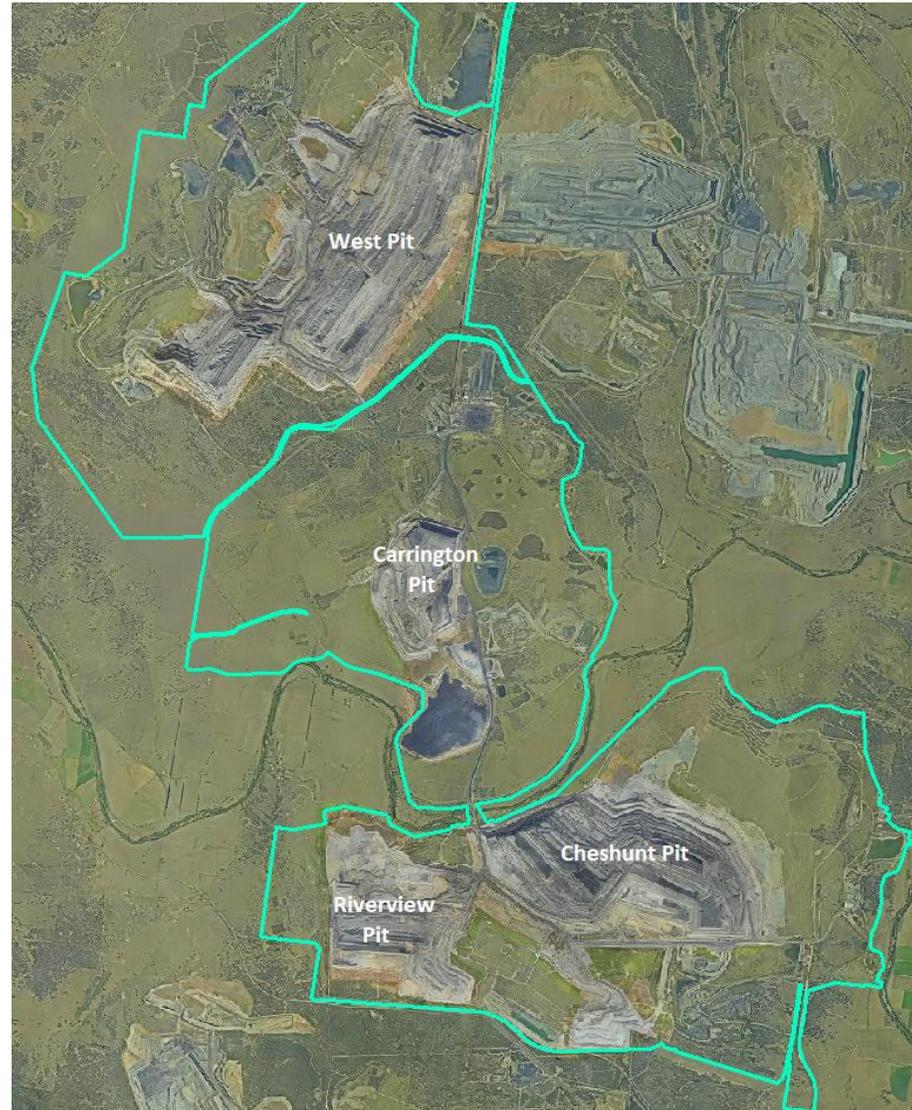
| Item | Location | Image ID |
|------------------------------------|----------------------------|---------------------|
| Barrel Hoops | Inside stables | A001/A002 |
| Chisel plough | Outside stables | A003/A004 |
| Dam scoop | Between stables and house | A005 |
| Gearing mechanism | Outside stables | A006 |
| Horse drawn plough | Inside stables | A007 |
| Horse wagon yokes and gear | Outside stables | A008/A009 |
| Lister motor | Outside stables | A010/A011/A012 |
| Collection of bricks, varying ages | Outside stables | A013 |
| Pulley system and drive | Inside stables | A014/A015/A016/A017 |
| Pump | Inside stables | A018 |
| Sickle tooth mower | Inside stables | A019 |
| Water tank and cover | Inside and outside stables | A020/A021/A022 |
| Old gate | Inside stables | A023 |
| Wagon wheel remains | Outside stables | A024 |



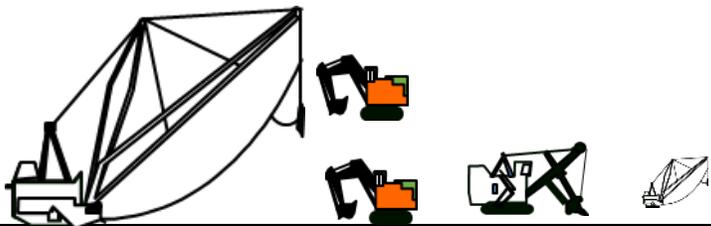
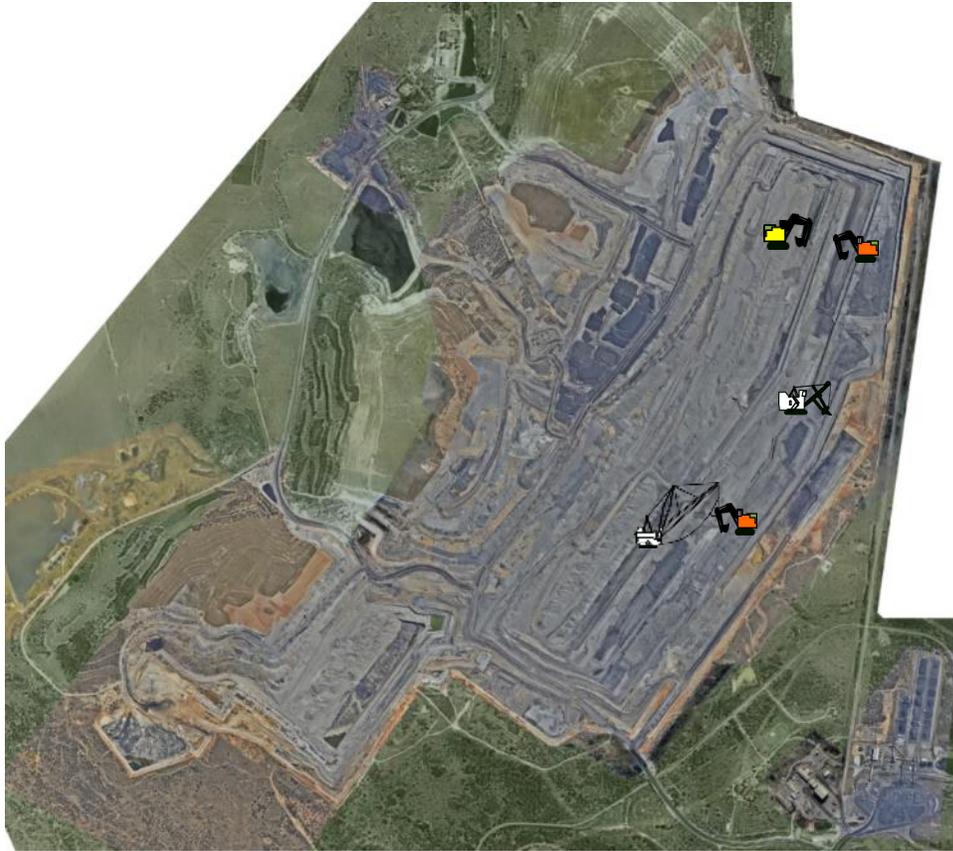
Injury Rates (as at end August 2020)

| | |
|---|--------------------|
| Total Recordable Injury Frequency Rate: | 2.02 (target 3.00) |
| Lost Time Injury Frequency Rate: | - (target 1.00) |

Mining Operations

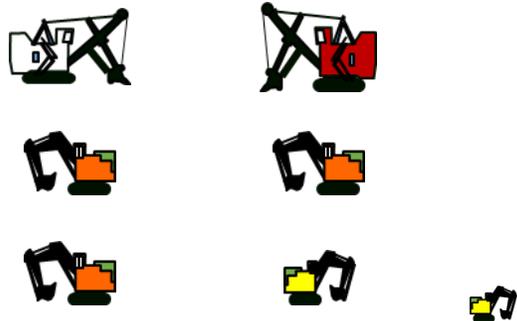


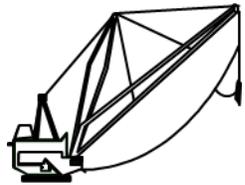
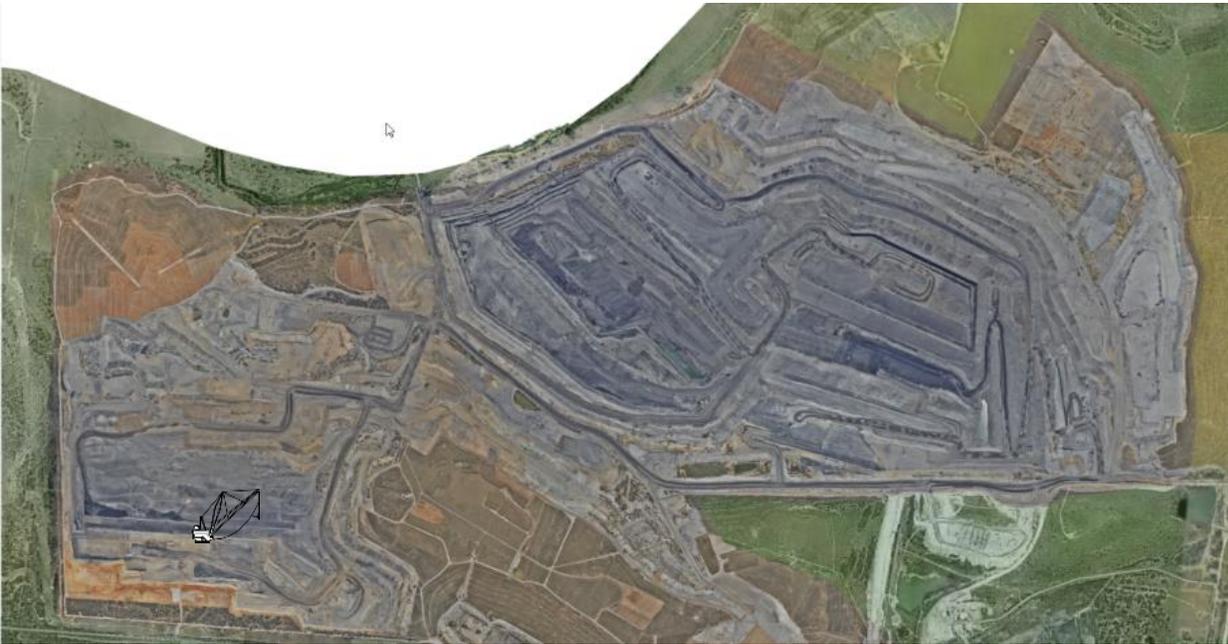
West Pit



Carrington – as at November now TSF







- The COVID19 pandemic overseas continues to impact the market environment, including demand for Australian coal exports.
- In response, HVO is introducing measures to manage our coal production profile which includes the below planned shutdown periods:
 - A temporary shutdown, except for train loadouts, during NSW school holidays from 28 September to 12 October.
 - A second temporary shutdown over Christmas-New Year, from 25 December to 1 January.
- o Temporary shutdown of S341 from the West Pit from 18 September to 1 January.
- o Temporary shutdown of S346 from the South Pit from 12 October to 1 January.

Truck Sound Attenuation

| # Trucks | # Trucks Sound Attenuated | % Trucks Sound Attenuated |
|----------|---------------------------|---------------------------|
| 81 | 81 | 100 |

- Sound Power Testing to be completed in October 2020



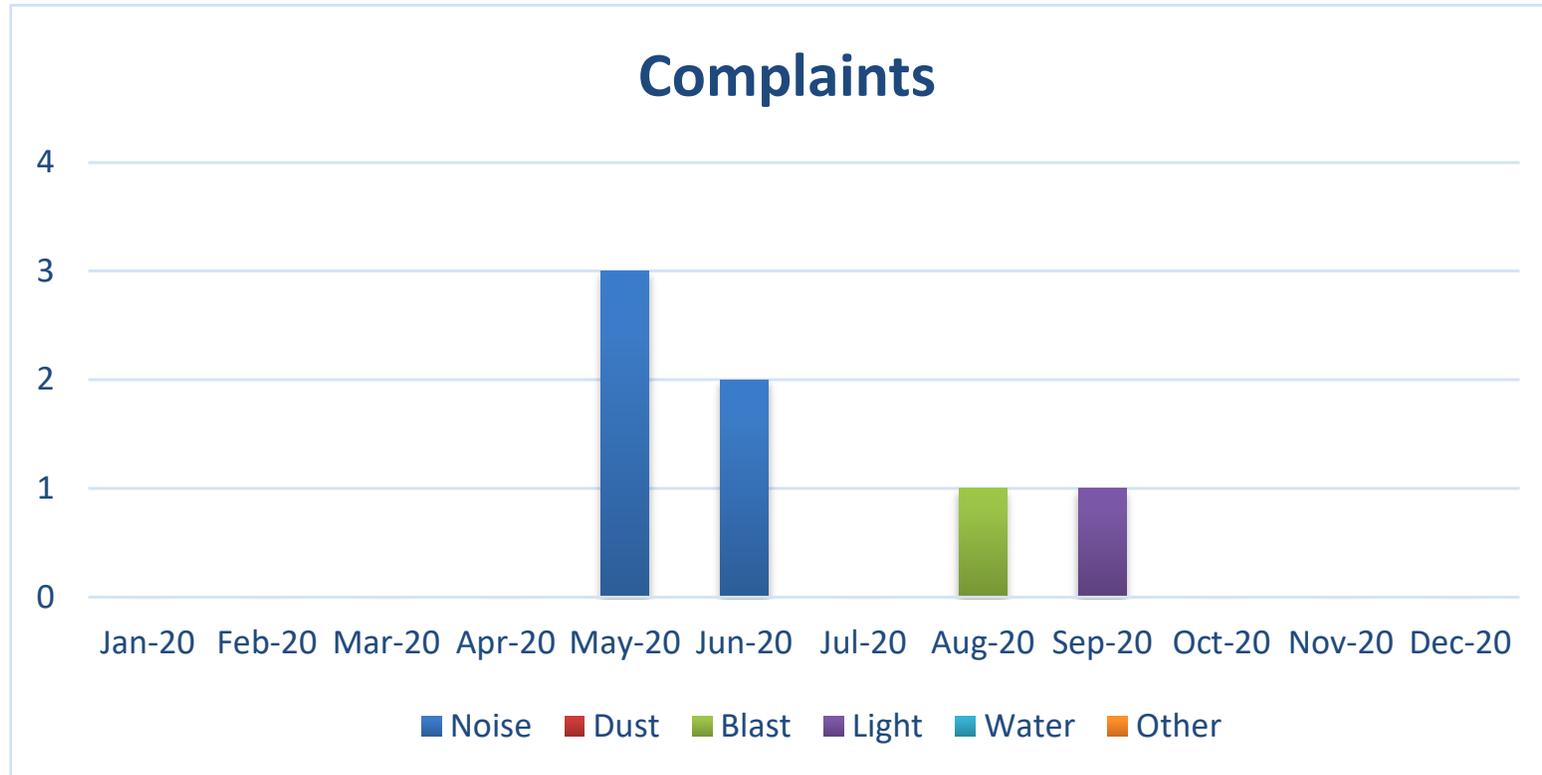
- EPA Inspection 4th September – primary focus on dust and water controls. Area's inspected included West Pit lookout, water management controls ahead of West Pit and the ROM coal stockpile. EPA Officer was satisfied with observation's and advised that there were no actions arising.
- Blast overpressure exceedance measured at the Knodlers Lane blast monitor (Maison Dieu) following a blast in Cheshunt Pit 1 at 9:12 am on 27 August. The monitor recorded 127 dB(L) against a Development Consent criteria of 120 dB(L). No complaints were received. DPIE have been notified and an internal investigation has commenced.
- EPL Licence Variation –
 - Monitoring and maintenance requirements of sewage treatment plants
 - Relocation of Maison Dieu blast monitor
 - Turbidity monitoring during discharge events
 - Referencing mine water transfer locations between neighbouring mines.

Submitted to DPIE for review

- Environmental Management Strategy – submitted in April
- Water Management Plan – submitted in July
- Noise Management Plan - submitted in April
- Blasting Management Plan - submitted in April
- Air Quality and Greenhouse Gas Management Plan - submitted in July
- Integrated Biodiversity Management Plan – submitted in July



Complaints (2020) – YTD 7 complaints



30 May – Jerrys Plains, Noise
1 June – Maison Dieu, Noise
12 June – Jerrys Plains, Noise

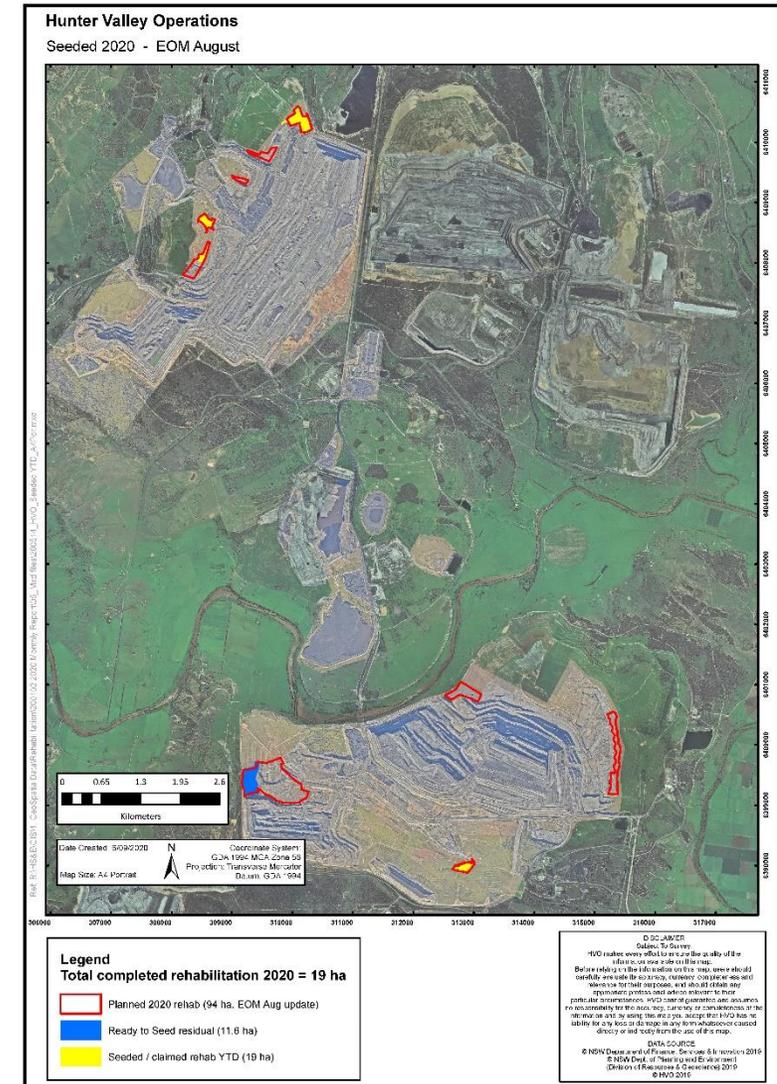
7 August – Jerrys Plains, Blast
1 September – Jerrys Plains, Lighting

Rehabilitation

Total rehabilitation YTD 2020 = 19.0 ha

EOM August:

- Released: 69.8 ha
- Shaped: 51.0 ha
- Topsoiled: 24.6 ha
- Seeded: 19.0 ha



Rehabilitation – Riverview RL125-150

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Feral pest management 2020

Program of activities 2020

- Kangaroo culling (commercial harvest ongoing).
- 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.

Autumn

- 1080 Wild dog/fox control program commenced 4th May 2020 and completed 21st May.
- Pig trapping program commenced 9th June 2020 and completed 19th June.

Spring

- 1080 Wild dog/fox control program to commence 12th October 2020.

| HVO Vertebrate Pest Control Summary | | | |
|-------------------------------------|--|------------|------------|
| Vertebrate Pest | | 2020 YTD | 2019 |
| Kangaroos | | 267 | 697 |
| feral pig | | 10 | 36 |
| feral pig (bait) | | 0 | 1 |
| fox | | 9 | 6 |
| fox (bait) | | 19 | 19 |
| hare | | 18 | 25 |
| feral cat | | 0 | 1 |
| rabbit | | 18 | 0 |
| wild dog | | 0 | 1 |
| wild dog (bait) | | 110 | 166 |
| deer (other) | | 0 | 1 |
| Overall TOTAL | | 451 | 953 |

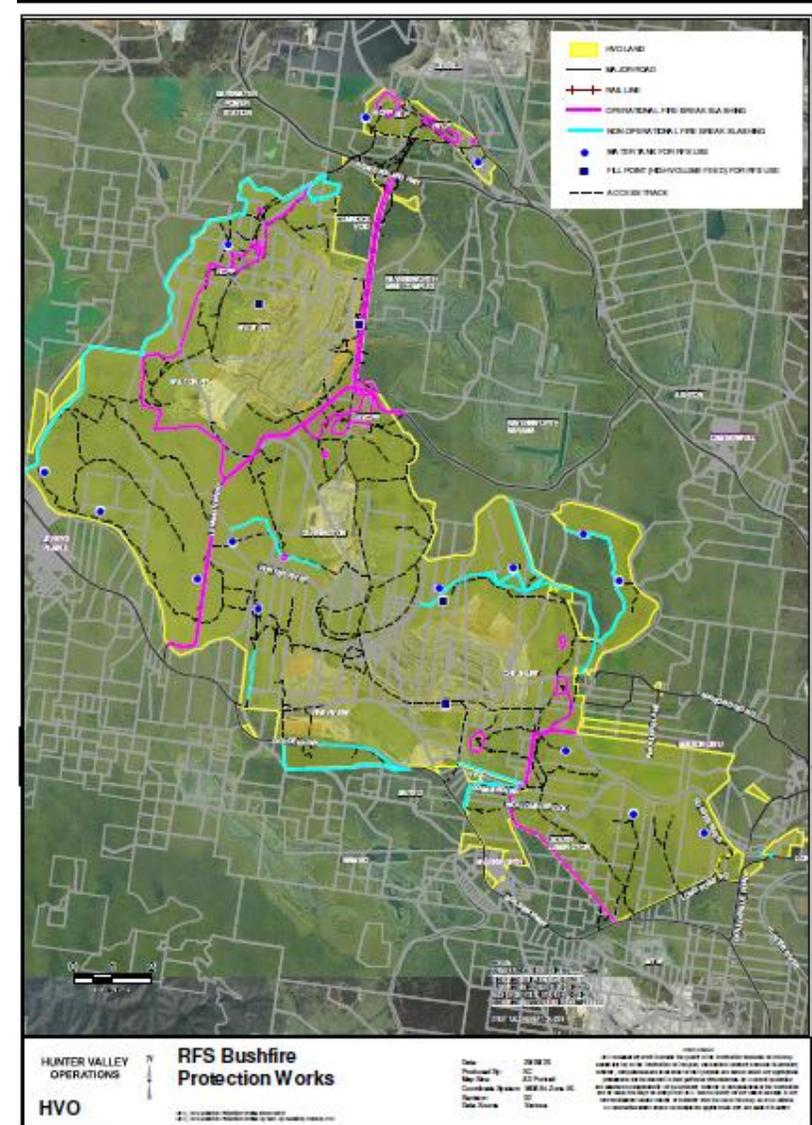
Weed Management

- In addition, to the routine weed control programs, HVO is also undertaking weed control at the Wandewoi Offset to reduce the density of the weed Farmers Friend which has taken advantage of recent weather conditions



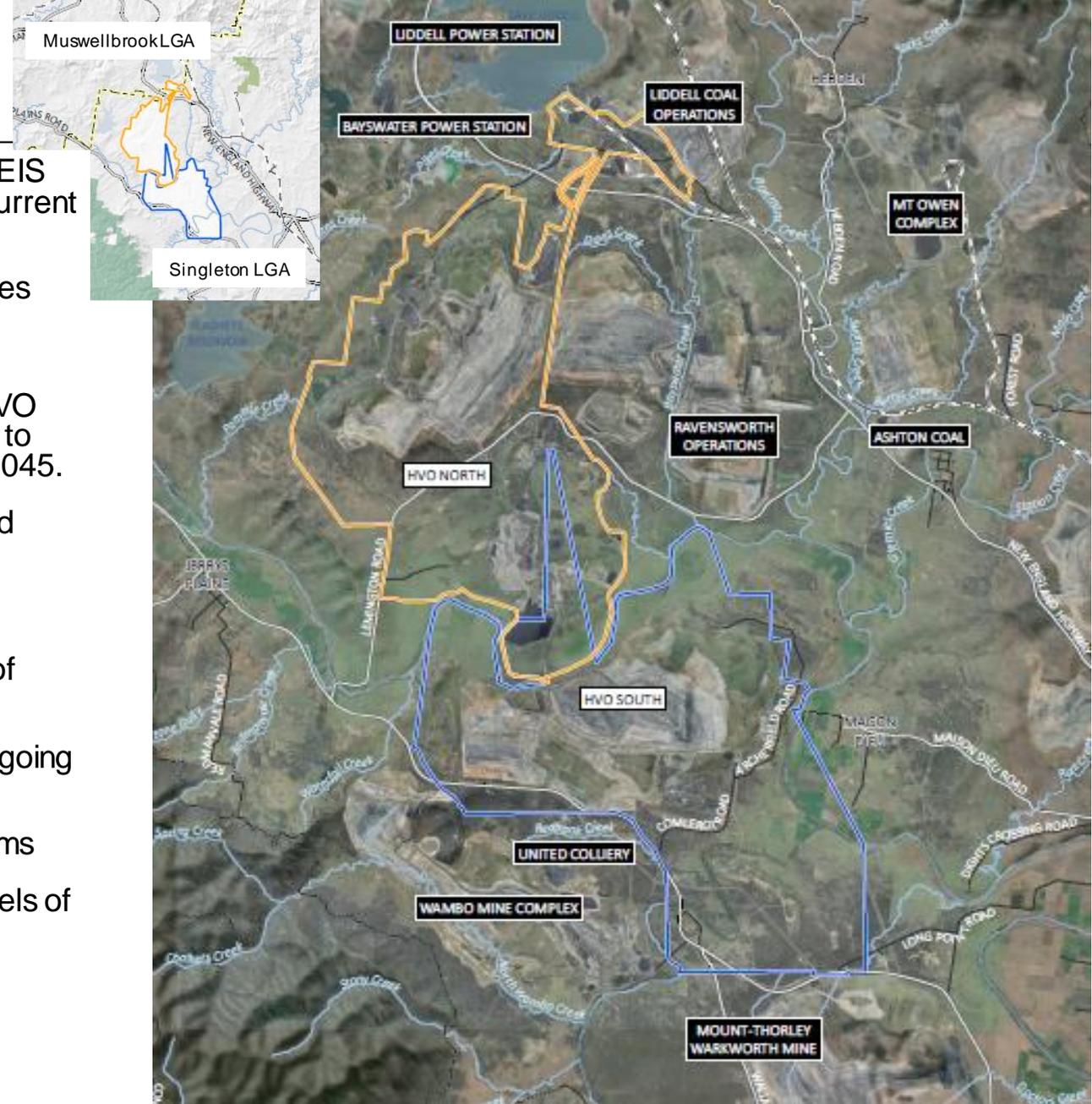
Bushfire Management

- Firebreak maintenance
- Non operational firebreak maintenance completed in August and ongoing maintenance will be implemented as seasonal conditions require
- Operational firebreak – asset protection zone maintenance is ongoing



HVO Continuation Project

- Environmental and social impact studies are underway to inform an EIS supporting continuation of mining at HVO beyond the expiration of current approvals.
- An opportunity to recover a further approximate 400 Mt coal resources within the mining tenements at HVO (including recently acquired exploration licences at depth) through an optimised mine design.
- Current developments consents expire at HVO North in 2025 and HVO South in 2030. Under the Project, mining at HVO North is proposed to continue to 2050. Mining at HVO South is proposed to continue to 2045.
- Project provides the opportunity for continuation of a well-established mining operation, thereby supporting the continuation of direct employment and economic benefits:
 - Operational workforce to remain flow-on regional and local approximately consistent to present levels, up to a maximum of around 1,500 FTE
 - Ongoing support of local and regional businesses, through ongoing use of goods and services.
 - Ongoing support for local community organisation and programs
 - Ongoing economic contribution to local, State and Federal levels of government, through payments of rates, royalties and taxes



HVO Continuation Project

KEY

-  HVO North proposed approval boundary
-  HVO South proposed approval boundary
-  Existing disturbance area

Existing Environment

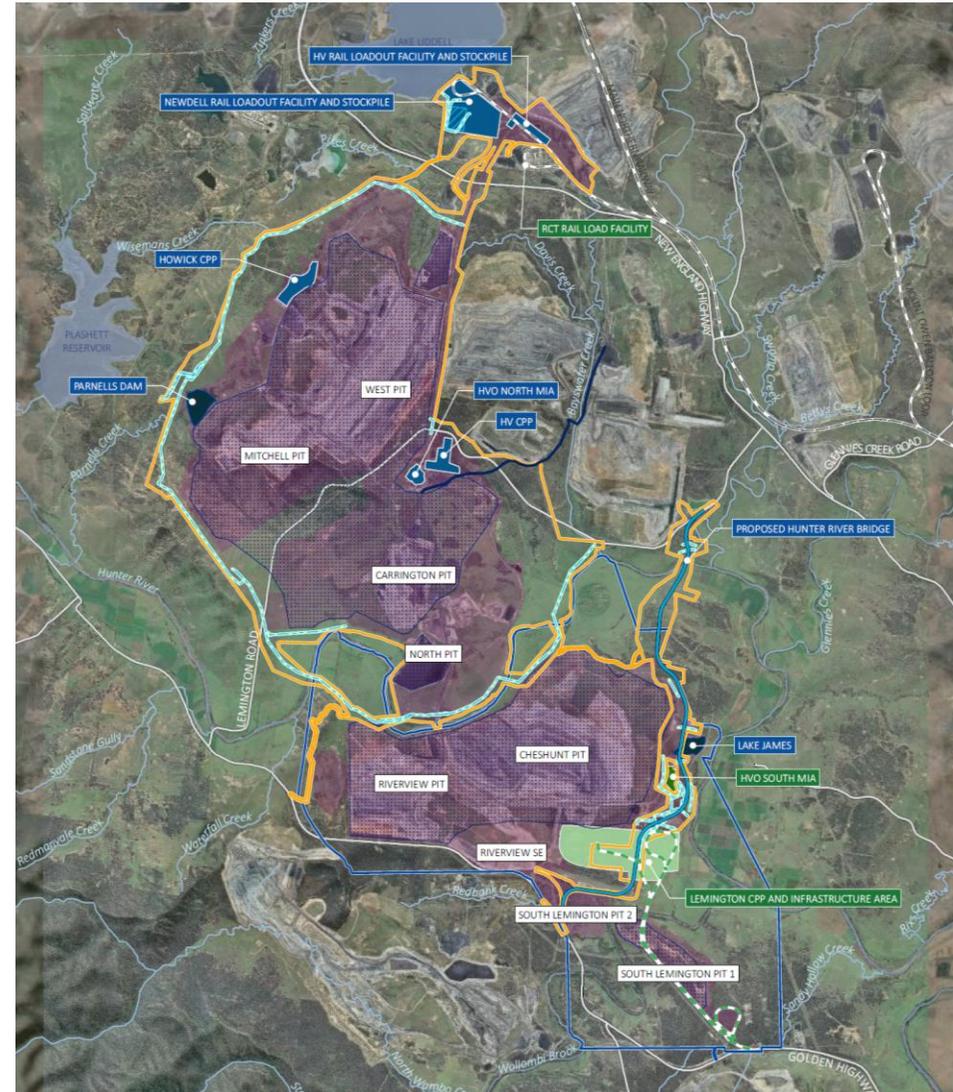
-  Rail line
-  Major road
-  Named watercourse
-  Named waterbody

Existing HVO Elements

-  South Lemington Rail Loop and haul route (approved, not yet constructed)
-  Existing mining infrastructure area
-  Lemington Coal Preparation Plant (approved, not yet constructed)

Proposed HVO Continuation Project Elements

-  Lemington Road relocation
-  Proposed haul route to Ravensworth
-  Proposed powerline relocation
-  Existing and proposed mining area
-  Dam subject to upgrade
-  Coal Preparation Plant/Mining Infrastructure Area to be upgraded
-  Proposed product stockpile



HVO Continuation Project

Project is practical, feasible and achievable within existing legislation:

- Minimal or no change to a number of key aspects of the existing operations at HVO:
 - No proposed increase in annual production volumes
 - Mining predominantly through areas previously disturbed to access deeper seams
 - No proposed increase in height of in-pit overburden emplacement areas and no out-of-pit emplacement areas proposed
- Continuation of a brownfield site in a long-established coal mining precinct
- Opportunity for improvement in local public road network, through provision of new Lemington Road Hunter River crossing
- Opportunity to provide long-term job stability and certainty to local and regional workforce
- Opportunities for positive rehabilitation outcomes and various post-mining land use options
- Opportunity to align and contemporise HVO North and HVO South consents
- Project fits within the Glencore committed global production cap of 150 Mtpa of thermal and coking coal

HVO Continuation Project

Key environmental assessment topics:

| Assessment Topic | Project Aspects / Key Assessment Issues |
|----------------------------|---|
| Land and soils | <ul style="list-style-type: none"> • New disturbance areas verified as non-Biophysical Strategic Agricultural Land • Project entirely on HVO or Glencore associated entity-owned land • Project is compatible with surrounding land uses |
| Water | <ul style="list-style-type: none"> • Current operations have sufficient water licences in place to account for all water extraction – no significant change anticipated for Project • Planning underway to integrate HVO into Greater Ravensworth Area Water Sharing network for improved water storage capability and potential reduction of reliance on raw water extraction • No changes to licensed discharge limits (HRSTS) or practices proposed |
| Flooding | <ul style="list-style-type: none"> • Improved and ongoing flood protection for operations • Increased elevation of Lemington Road Hunter River crossing above 1:10 year flood level |
| Biodiversity | <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 • Comprehensive biodiversity offset strategy is in progressive development as more is understood about impacts |
| Noise and vibration | <ul style="list-style-type: none"> • Noise and vibration are key issues for neighbouring communities • Operational impacts are anticipated to be much the same as the existing operations • Assessment of construction noise and vibration impacts is also a consideration |

HVO Continuation Project

| Assessment Topic | Project Aspects / Key Assessment Issues |
|--------------------|---|
| Air quality | <ul style="list-style-type: none">• Focus on minimising impacts to neighbouring communities (Warkworth, Maison Dieu, Jerrys Plains and Long Point)• Impacts anticipated to be much the same as the existing operations |
| Visual | <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– Commitment to progressive rehabilitation, with natural draining landform design incorporated– Ridgeline between Jerrys Plains and HVO North remains |
| Transport | <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 |

- Round One of our Community Grants Programme closed in May with 12 applications received. A number of local organisations were successful in obtaining funds totaling almost \$30,000 and the organisations included are:
 - Westpac Rescue Helicopter Service – 2020 Hunter Valley Mining Charity Rugby League Day
 - St Catherine's Catholic College – Safe Livestock Handling
 - Singleton High School – Flying High with Drone
 - Singleton Council – Sponsorship Cycling NSW
 - Singleton Chamber of Commerce – Hunter Coal Festival
 - Branxton Lions – Lions Road Safety Signs
 - Denman Little Athletics – Shelving for Sports Shed
 - Singleton Girl Guides – Building Floor Repair and Maintenance

Community Sponsorships

AS

- Round Two of our Community Grants Programme opened on 7 September and will close on 2 October
- <https://hvo.smartygrants.com.au/RoundTwo2020>

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

Wednesday 18 November at 1.30pm

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

