

# HUNTER VALLEY OPERATIONS

## Hunter Valley Operations (HVO) Community Consultative Committee (CCC) Meeting Wednesday 21 November 2018

### Attendance

#### Chairperson

Colin Gellatly Independent Chair HVO CCC

#### Community Representatives

Brian Atfield Community Representative

Di Gee Community Representative

David Love Community Representative

Todd Mills Community Representative

Jeanie Hayes Community Representative

#### Company Representatives

Tony Galvin General Manager

Shaun Leary Technical Services Manager

Andrew Speechly Manager Environment and Community

#### Presenters/Observers

Dom Brown Environment and Community Coordinator

#### By Invitation

Craig Milton Policy Manager; NSW Minerals Council

#### Apologies

Cr Hollee Jenkins Singleton Council

Michael Wellard Community Representative

Dr. Neville Hodgkinson Community Representative

Janelle Wenham Community Representative

Bruce Gould Production Manager

Drew Williams Environment and Community Officer

#### Minutes

Sarah Purser

### 1. Welcome: Housekeeping, Emergency Procedures

Col welcomed the group and was pleased to confirm that the Department of Planning & Environment had endorsed the applications of new members; Todd, Jeanie and Michael. Col also welcomed Craig Milton, in attendance to talk about the Upper Hunter Mining Dialogue and introduced Shaun Leary; HVO's Technical Services Manager. Dom ran through evacuation procedures and the location of amenities.

#### **Acknowledgement of Traditional Owners;** Read by Dom

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

### 2. Apologies; Advised and recorded.

### 3. Declaration of pecuniary interests/conflicts of interest

**Ongoing;** Col advised that both he and Sarah are engaged by HVO to provide the roles of independent Chairperson and meeting note taking.

### 4. Correspondence;

Dom confirmed that correspondence around the administrative functions of the HVO CCC i.e. Meeting Minutes, Agenda and Business Papers, had been distributed to members. In addition, notifications for member information only:- 22 October 2018 re; Pass the Hat - Drought Relief Event and 19 November 2018 re; Bush Dinner Dance

## 5. Confirmation of the previous Meeting's Minutes

Col called for approval of the minutes for the Meeting held on 29 August 2018, members confirmed their acceptance. The CCC Meeting Minutes are available on HVO's website and can be accessed on-line via: <https://insite.hvo.com.au>

## 6. Mining Dialogue Presentation by Craig Milton - Presentation to be circulated with the Meeting Minutes In response to CCC feedback, Craig provided the following information post Meeting:-

### List of Dialogue Participants:

Website - <http://www.nswmining.com.au/dialogue/participants>

PDF link - [http://www.nswmining.com.au/NSWMining/media/NSW-Mining/ForumListofUpperHuntercommunity\\_1.pdf](http://www.nswmining.com.au/NSWMining/media/NSW-Mining/ForumListofUpperHuntercommunity_1.pdf)

### The Mining Dialogue Joint Advisory Steering Committee Members include:

David O'Brien - Glencore (Chair), Scott Fittler - Yancoal, Sarah Withell - BHP, Geoff Moore - Bloomfield Group, Mark Ihlein - Singleton City Council, Di Sneddon - Community representative, Alisa Evans/Sharon Pope - Muswellbrook Shire Council, Jim Morgan - Community representative, TBA - Business representative to replace Gill Eason.



### List of Upper Hunter community stakeholders (2011 to present)

The Upper Hunter Mining Dialogue has compiled a list of various stakeholders that have been engaged since the Dialogue was established in 2011. Attendees are encouraged to consider which other groups or community members the Dialogue should focus on engaging, or reengaging, with in 2018 and beyond to ensure that the Dialogue remains a valuable and relevant community-driven initiative that delivers results for the Upper Hunter region.

#### Industry and Suppliers

AMCI Investments  
Anglo American Metallurgical Coal  
Bengalla Mining Company  
BHP Billiton Mt Arthur Coal  
Bloomfield Collieries  
Glencore  
MAC Services Group  
Macquarie Generation  
Muswellbrook Coal Company  
Peabody Energy  
Rio Tinto Coal & Allied  
Vale Australia - Integra Coal  
Operations  
Yancoal - Ashton Coal

#### Community Consultative Committees

Ashton CCC  
Mount Pleasant CCC  
Mt Owen Complex CCC  
Wambo CCC

#### Local Government and Councils

Association of Mining Related Councils  
Muswellbrook Shire Council  
Singleton Council  
Upper Hunter Shire Council

#### Business Community

Denman Chamber of Commerce  
Hunter Business Chamber  
Hunter Business Enterprise Centre  
Muswellbrook Chamber of Commerce  
Scone Chamber of Commerce  
Singleton Chamber of Commerce  
Sparke Helmore Lawyers

#### Unions

CFMEU  
United Mineworkers' Federation of Australia

#### Research and Academic Organisations

Australian Institute of Mining and Metallurgy (AusIMM)  
Hunter Valley Research Foundation  
Sustainable Minerals Institute  
University of Newcastle Australia (includes various organisations, e.g. Newcastle Institute for Energy and Resources (NIER), Tom Farrell Institute, International Centre for Balanced Land Use)

#### Government Departments

Department of Environment (Cth)  
Housing NSW  
Hunter-Central Rivers Catchment Management Authority  
Local Land Services NSW  
NSW Department of Planning and Infrastructure/ Environment  
NSW Department of Primary Industries  
NSW Department of Primary Industries - Water  
NSW Department of Trade & Investment, Division of Resources & Energy  
NSW Environment Protection Authority  
NSW Health  
NSW Office for Tourism, Major Events, Hospitality and Racing and Arts  
NSW Office of Environment and Heritage  
NSW Office of Water

#### Development initiatives

Civeo  
Denman and District Development Association  
NSW Hunter Development Corporation  
Regional Development Australia - Hunter  
Urban Growth NSW

#### Environment Organisations

Broke Bulga Landcare Group  
Bylong Valley Protection Alliance  
Conservation Volunteers Australia  
Fauna & Flora International - Australia  
Great Eastern Ranges Initiative  
Greening Australia NSW  
Hunter Environment Lobby  
Hunter Region Landcare Network  
Hunter Valley Protection Alliance  
Merriwa Healthy Environment Group  
Muscle Creek Landcare  
NSW Mine Watch  
Singleton Shire Healthy Environment Group  
Wybong Action Group

#### Industry associations

Hunter Thoroughbred Breeders Association  
Hunter Valley Water Users' Association  
Hunter Valley Wine Industry Association  
NSW Farmers Association  
NSW Irrigators Council  
NSW Minerals Council  
Singleton Beef and Land Management Association  
Upper Hunter Wine Makers Association

#### Media

Singleton Argus

#### Other community groups

Muswellbrook Neighbourhood Service  
Muswellbrook Police and Citizens Youth Club  
Upper Hunter Community Services  
Wonnarua Nation Aboriginal Corp

#### Various community individuals

Craig advised the Mining Dialogue Annual Forum had been held at Muswellbrook on 20 November 2018, he said there had been a focus on local procurement with some industry partners in attendance and this had provided an opportunity for industry to liaise with local business on how they can access mining procurement opportunities. Craig noted there had also been representation from the EPA and Department of Resources.

Col asked if air quality had been raised as a big issue at this Forum and Craig confirmed this subject had been a key theme, with some issues being identified and also some suggestions made by attendees for the year ahead.

Col tabled correspondence received from Neville Hodkinson:-

*As a member of Mining Dialogue I endorse their presentation designed to inform and coordinate Community activities regarding Mining activities*

*Continuing on from the last meeting regarding the intolerable Mine pollution impact on Maison Dieu residents, Singleton Shire Healthy Environment Group (SSHEG) has expressed the view that Mining needs to respond to rising levels of PM<sub>10</sub> and PM<sub>2.5</sub> at Maison Dieu as they occur (10 minute readings not daily averages).*

*It is disappointing that these issues were raised at HVO CCC of 22 August 2018 when the MEMR 2018 August was in the middle of generating known PM Air Drifting Patterns that WHO is targeting as Disease Causing Rate rises.*

*In HVO's MEMR, both August and July 2018 monitoring results are damning of the HVO measures to mitigate pollution across this period, Refer to Figure 9 (Time PM10 24hr average and YTD average) and Table 2 (Real-time PM<sub>10</sub> Investigation Results).  
Dr Neville Hodkinson PhD*

It was acknowledged that the NSW Environment Protection Authority (EPA) and NSW Office of Environment & Heritage (OEH) are Upper Hunter Mining Dialogue Government Stakeholders and that had afforded them the opportunity to provide detail around what these Departments do and how they enforce best practices.

## **7. Matters arising from the previous meeting - Action items**

***ACTION; Department's Guidelines for CCC Code of Conduct to be signed off by Members;*** Col confirmed that the new community members would have signed this document as part of their application process. In addition, Drew circulated the NSW Department | Planning & Environment Community Consultative Committee Guidelines to members on 15 October 2018.

***ACTION 1 : Andrew to post the Department's Code of Conduct for CCC's to Neville, Brian, Di, David and Janelle for their sign-off.***

***ACTION; HVO to provide an update on Water Carts and Blasting practices.***

Presentation at today's Meeting by Shaun Leary

Shaun explained these two subjects of interest had come out of the previous Meeting and also as a follow on from Neville's enquiry if HVO could trial different plugs in blasting. At the time of the last Meeting, it had been acknowledged that dust conditions in the Valley had been particularly bad, therefore questions had been raised along with feedback from the community that they had felt the company needs to do better in adverse conditions.

As a response to this CCC feedback, Shaun advised he had been asked to provide an update to members on Dust Management practices being undertaken by the company. Shaun acknowledged that this presentation on what HVO are actively doing at the moment had been prepared by Bruce Gould and that the key elements are around; new larger water carts, a polymer trial in West Pit and the use of smaller blast sizes.

HVO : Dust Management Review Project

✓ *Review blast size and the potential impacts on dust generation*

Shaun advised that he had been involved in the review of blast sizes and that had resulted in the recommendation for a reduction in their size, as part of an effort to reduce the size of any potential dust plume. Shaun added that smaller blasts make good business sense so there were also business imperatives driving that review. Shaun said that HVO can currently go to a bench size of 40 metres and they were looking at restricting this to 20 metres, in addition the company is also looking at the geographical areas and limiting the volume of material blasted. Shaun noted also that when the blast size had been determined, for an Engineer, or someone on the bench to go outside of those parameters, that would require a sign off.

✓ *Review pre-blast dust risk assessment process*

This included a review of the full blasting process and putting a technologically advanced system in place that takes the process right through from the design phase to implementation on the bench. This is part of quality control that HVO are putting in place along with a pre-blast dust risk assessment for every shot.

Shaun explained that this data is all tied together, along with meteorological conditions, to reduce risk. If HVO are not able to meet that criteria they will not blast on those days i.e. if the risk is higher than acceptable to the company.

✓ *Review control measures for wind conditions (wind direction and speed)*

Shaun advised there are rules in place and HVO have had many incidences when they did not blast or fire and that these are documented, he noted that typically these tended to be more often in the windier months of August and September. Col felt it would be interesting to see how many blasts had been stopped and it was agreed it would be good to review this data in 12 months as this would allow for appropriate comparison with a previous year.

David feels that wind does not always blow in the same direction when comparing it at ground level and then in different layers of height and asked if this can be checked. David noted that when looking at wind, and talking about dust that rises, he felt that it often then goes in a different direction.

Andrew advised that the blast predictive tool utilises assessments of different atmospheric levels in the days leading up to and on the day of the blast, which is a similar concept to a balloon, and at real time HVO will work off their weather stations.

David and Brian asked if these stations only measure wind at ground level, rather than potential blast level and Andrew confirmed the weather stations are what HVO work off however the company is involved in an industry project to take measurements at 10 to 400 metres of temperature gradients and wind directions.

HVO are hoping this will give the company similar data to that of a balloon concept and to try and extrapolate that information to use in different areas on site. There was a general agreement that wind has the potential to change after a blast has been fired and that leads to potential for dust to travel in a different direction than anticipated.

✓ *Review blast bench watering practices*

Shaun advised that as a result of this review HVO now water down prior to explosives going in, particularly if it has been windy between drill and load. Shaun explained they tend to get a turkeys nest which can be quite dusty, so the water tends to put a crust on top and this wetting down assists HVO as they work to mitigate dust loads.

✓ *Review loading bench irrigation opportunities*

Shaun explained in an effort to manage dust HVO is also looking at bench irrigation, rather than water carts, and that a few Glencore sites are currently utilising this practice.

- ✓ *Review dragline, shovel, excavator and loader load practices and methods for minimising dust*

Andrew advised that HVO had identified that when loading, particularly into the back of a truck, that the two key elements most sensitive to dust are moisture content and drop height. Andrew felt the company used best practice for drop height but there could be some improvements around moisture, noting that it had been found that even 1% of moisture can assist in decreasing dust.

- ✓ *Review water cart size / capacity for suitability*

Shaun felt the key point for HVO is water cart size and advised that the company currently has four Model 777's that have a carrying capacity of 70,000 litres of water. HVO are looking to move these over to a Model 785 which are a size bigger and have a 140,000 litre capacity. Shaun noted there are ten water carts on site, so replacing some 777's with the bigger capacity 785's equates to about double the size in water cartage and confirmed that this upgrade is in progress at the moment.

**Road watering**

- ✓ *Consider water additives (e.g. RST Road Binder)*

Shaun explained this additive is called a surfactant and is mixed with water prior to being spread across roads, the RST product binds bigger dust particles with smaller ones making the surface crusty and this works quite well. Andrew added that HVO plan to commence using this additive in West Pit where there are longer haul roads and hopes there may also be opportunity to utilise this on the Cheshunt dump closer to Maison Dieu.

- ✓ *Review road construction methods and materials used for suitability*

Todd asked if HVO had done any grading to roadways as it had been his experience that turning the top 20mm layer creates a second deeper layer that he had found worked really well. HVO advised that they were hoping for a good outcome by crushing the road base.

**ROM Stockpiles**

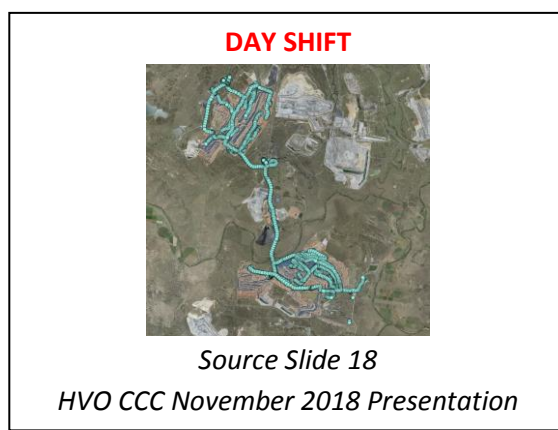
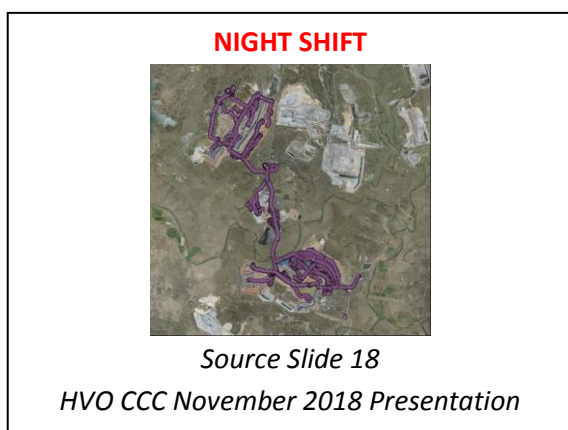
Shaun confirmed that HVO are actively reviewing the way they handle coal on their ROM stocks as this is a very active area due to a fair amount of handling and re-handling, which also costs the company money, so there is work in progress to try and minimise that.

**ROM BIN**

Jeannie felt that the ROM bin hood had been talked about many years ago and had thought that HVO were going to utilise these on site

**Dust Management - GPS Tracer; Water Cart over 24 hour period**

Andrew explained that HVO's Water Carts are GPS tracked so the company can produce traces of their activity for both night and day shifts, he indicated via the below slides that in this example they had travelled the same routes.



Andrew advised that the Department of Planning had conducted some night time inspections in response to feedback that mines only manage noise and dust outputs during the day and of concerns that equipment, such as water carts, are switched off at night.

Andrew noted that the EPA and the Department had both conducted site inspections at HVO in October where they had listened for noise, viewed West Pit, drills and haul roads and the feedback was that they had been happy with what had been occurring on site at the time.

Andrew confirmed that the main point for presenting this tracking data was to provide reassurance that water carts are active both day and night time at HVO.

## 8. Company Reports | Update on Hunter Valley Operations; Presented by Tony Galvin

### SAFETY SNAPSHOT;

Injury Rates YTD October

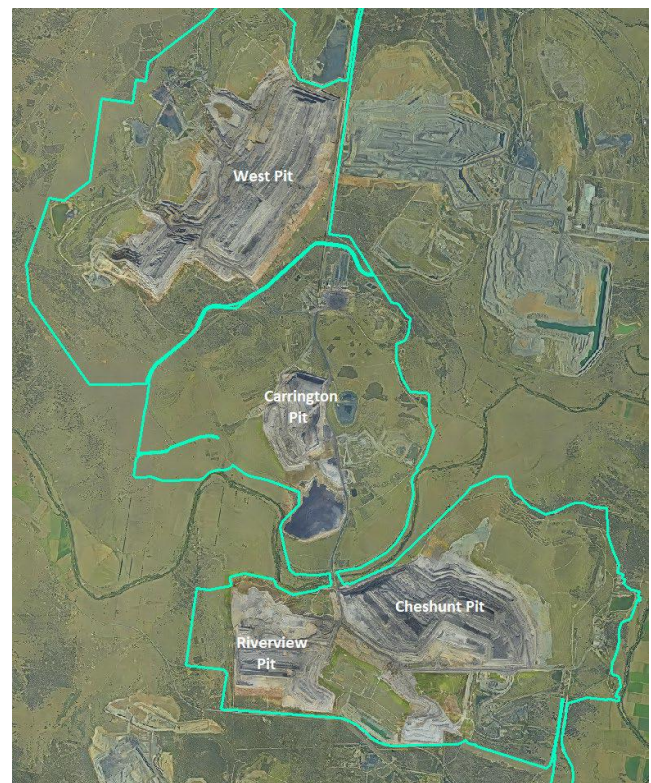
- ✚ Total Recordable Injury Frequency Rate (TRIFR) –7.47 (target is 5.99)
- ✚ Lost Time Injury Frequency Rate (LTIFR) –9.6 (target is 2.16)

Tony advised HVO's safety record is not where he would like it to be and it is his opinion that one injury is one too many, so whilst there had been no major incidents and some improvements had been seen, the company will continue to work hard on that with a fair amount of work being conducted with staff around safety.

### MINING OPERATIONS; Presented by Shaun Leary

- ✚ **Carrington Pit;** Activity had been virtually completed in early November 2018.
- ✚ **West Pit;** The dragline is running, along with dozer activity. Works will be visual in the upper sections as HVO take the next strip down and will work on this over the next month to get operations below ground level. Andrew showed members what Carrington Pit looks like and Tony added that the company currently has an application in with the Resource Regulator to construct a Tailings Facility in this Pit.
- ✚ **Cheshunt;** Remains very active with the highest density of operations as HVO work that area down to the bottom seams and will then bring dumps forward. Andrew explained that HVO are working through a RL165 level that is close to Maison Dieu and are about two thirds along with building the main bund which will allow the company to dump behind this. Andrew felt the main part will continue into the first quarter of 2019 and that shaping would occur around March next year. Tony added that he would like to see this area shaped up as quickly as possible and then closed out.

### PIT LOCATIONS



Source Slide 21

HVO CCC November 2018 Presentation

✚ **Riverview;** Whilst this Pit is closer to a main road, there had been no major issues in this area. Brian asked if operations will be in Riverview for long. Tony responded they are anticipated to finish in 2021 and Shaun added that the Dragline work is estimated to the end of 2020. Tony explained that current operations only go down to the upper seams and that HVO plan to follow those seams back through and dig through the dump to lower seams. Jeanie asked if this was in response to the price of coal remaining good and Tony responded that there is a reasonably good strip ratio there and felt Riverview Pit would remain economical a long time after other areas may not be.

### TRUCK SOUND ATTENUATION

- ✓ 66 trucks attenuated as at 2 November 2018
- ✓ 2 to be completed by end of 2018
- ✓ 40 trucks scheduled for 2019 (28 of these already have partial attenuation)

Tony confirmed that 12 of the 28 trucks scheduled for next year do not have sound attenuation so the priority for HVO is to attenuate those units first.

### Newdell Firewater Tank Overflow - Update

- ❖ NSW EPA concluded their investigation
- ❖ HVO were issued two fines totalling \$30 k and 2 official cautions

### West Pit - Turbid Water Discharge - 4 October 2018

- ❖ Dam overflowed after receiving 75mm of rainfall (70mm in 6 hours).
- ❖ Water containing sediment flowed into Farrell's Creek.

#### **Immediate actions:-**

- ✓ Triggered PIRMP
- ✓ Water sampling undertaken
- ✓ Commenced pumping to lower dams
- ✓ Constructed temporary drainage diversions to reduce the area of disturbed catchment reporting to the dams.

- ✚ Sampling indicated no change to Hunter River quality, water was not saline
- ✚ Rainfall exceeded design capacity of the dams and drains installed, due to volume and intensity
- ✚ Water structures in the area have been bolstered
- ✚ Reported externally to EPA, DPE and Resources Regulator

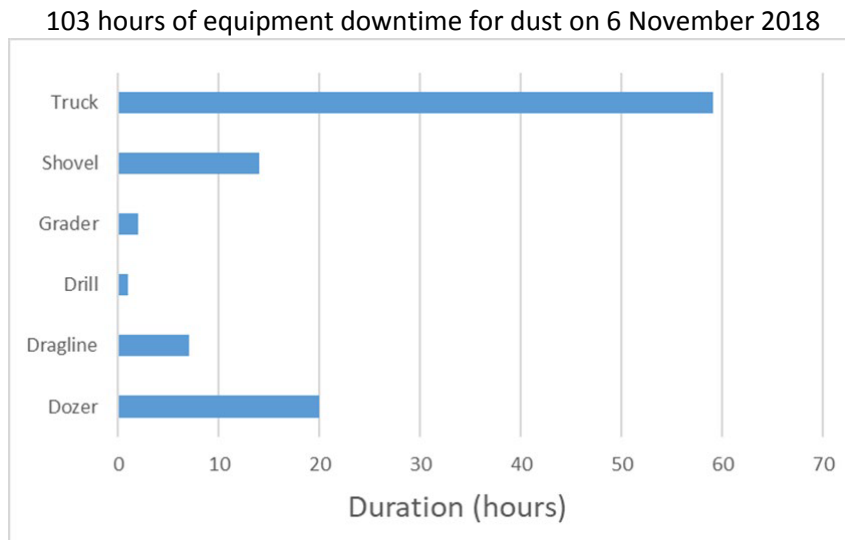
### COMPLAINTS

23 complaints in 2018 YTD October, since the last CCC meeting there had been one in September related to noise and no complaints in October.

#### **6th November 2018 : Dust complaints**

- Two dust complaints from Maison Dieu area
- Times: 14:40 and 17:02
- Average wind direction: 261.7 degrees (NW)
- Average wind speed (14:00 –16:00): 9.3 m/s

Andrew noted that regionally this had been quite a dusty day with heat wave conditions. On this day conditions had been calm in the morning and then around 2.00 to 3.00p.m. the wind came up and the company received two dust complaints from Maison Dieu. Andrew advised that in an effort to manage conditions HVO had made sure that personnel were hot seating water carts during crib breaks and making sure that any dust the mine generated was managed on site, he noted that there had been a lot of equipment downtime on this day, refer to table over page.



Source Slide 32 - HVO CCC November 2018 Presentation

As this change in conditions came through and the wind came up HVO also pulled equipment off Cheshunt and higher dumping areas. HVO provided the water cart trace for both day and night on the 6th of November and Andrew noted the dump on Cheshunt had been prioritised and effectively had one water cart dedicated to this area.

Andrew ran through the below monitoring results for both the Maison Dieu and Knodlers Lane TEOM's where dust levels had been over and noted that most issues had come in from upwind of HVO's operations. Whilst HVO's operations had been contributors Andrew advised the company's efforts had been focussed on what may potentially come out of their site and to manage that.

#### ***Maison Dieu TEOM***

- 24hr Average: 67.9ug/m<sup>3</sup>
- Dust coming onto site from upwind: 44.4ug/m<sup>3</sup>
- HVO contribution to the regional dust: 23.5ug/m<sup>3</sup> or 34.6%

#### ***Knodlers Lane TEOM***

- 24hr Average: 67.3ug/m<sup>3</sup>
- Dust coming onto site from upwind: 44.4ug/m<sup>3</sup>
- HVO contribution to the regional dust: 22.9ug/m<sup>3</sup> or 34.0%

## **REHABILITATION**

### ***Planned 2018 rehabilitation is 100 hectares***

#### *Year to date to end September 2018*

- ✓ Released –136.6 ha
- ✓ Shaped –92.9 ha
- ✓ Topsoiled –60.0 ha
- ✓ Ready to Seed –73.7 ha
- ✓ Seeded –60.6 ha

Andrew advised HVO are travelling quite well to achieve their targets and the next main activity will be shaping dumps in the Glider Pit area, that can be seen from the Golden Highway, where there is in the order of 30 to 50 hectares to be shaped ready for rehab in 2019. Andrew noted some rehab activity will also be conducted in the West Pit area.



**EPA suspension on use of Mixed Waste Compost;** Suspended on mining areas from 25 October 2018

EPA media release excerpts:

*“The research found there were limited agricultural benefits from the application of mixed waste organic material at the regulated maximum levels of application, but there were potential risks to the environment from the presence of some contaminants, such as small pieces of plastic and glass, as well as concerns about soil quality degradation. “Based on a review of the findings of this health risk assessment the use of mixed waste organic material on agricultural land is unlikely to present any health risk to the general public.”*

- ✚ HVO is assisting in the EPA’s assessment of compost use in rehabilitated areas
- ✚ Testing occurs in areas where compost is applied.
- ✚ HVO's observation is that compost is an effective soil improver, providing physical and nutritional benefits to rehabilitation.

**HVO's Grants Program**

***Making a difference -HVO Community Grants Program***

**\$52 900 donated to support 14 local Organisations and Events**

User Organisation	Project Title	Total Allocated
Wildlife Aid Inc	Wildlife warriors	\$2,700.00
Singleton Council	International Day People with Disability Bush Dance	\$1,550.00
Cancer Council NSW	Transport to cancer Treatment. Singleton	\$5,000.00
Singleton Heights Pre-School Inc.	Physical Acknowledgment of Country	\$4,181.50
Singleton fire brigade social club	Singleton Christmas lolly run	\$1,000.00
Singleton Heights Public School	Reaching for the Heights	\$1,353.48
Singleton Historical Society & Museum	Newspaper Microfilm	\$1,800.00
Australian Stock Horse Society Eastern Branch	Eastern Branch ASHS Championships	\$1,500.00
Singleton Scout Group	Lighting and heating	\$6,000.00
Singleton Council	Pass Your Hat -Charity drought fundraiser	\$7,338.14
Singleton Neighbourhood Centre Inc	Paving of Outside area	\$5,000.00
Singleton Council	Blast -youth adventure festival (Colour run)	\$5,490.00
Penguins Garden Group	Penguins Garden Group	\$5,000.00
Salvation Army Singleton	Children's Christmas Party	\$5,000.00

There had been in the order of 30 applications for the HVO Community Grants Program that went out in August 2018, out of those the above fourteen had been selected and the company has donated \$52,900.00 to those. Andrew noted that there was good variety within the applications and all bar one were in the Singleton LGA, he added that a number of those selected were for Singleton Council Events.

**Community Events**

Andrew confirmed that air-conditioning had been provided for Jerry's Plains Hall as part of a joint support program by HVO / Peabody / United. Andrew thanked Brian for the presentation Dinner. Brian responded that Jerry's Plains Hall Committee and the local community were very appreciative for the air-conditioning.



### Community Events *Continued*

- ✓ Eastern Stockhorse Challenge
- ✓ Pass the Hat –Drought fundraiser
- ✓ Singleton Campdraft
- ✓ Blast Adventure Festival; an initiative by Council with a focus on children. HVO provided support for the Singleton Youth Venture - Colour Run and funds had been provided for a person to go along to talk to the kids about bullying.



Source Slide 44 - HVO CCC November 2018 Presentation

### REMINDER OF HVO'S NEW 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

#### Websites:

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

HVO InSite-environmental monitoring performance: <https://insite.hvo.com.au/>

## 8. Community Representative Feedback

### *Todd Mills*

Todd asked if there had been any testing conducted in relation to the quality of tank water that people drink and Andrew responded that testing had not been done recently but there had been some a number of years ago. Andrew noted that the results had been a bit unexciting and had found the presence of normal microbiological exceedances that are not uncommon in water tanks.

Brian advised that the water in Jerry's Plains is undrinkable due to the taste and that he has had his tested. Todd and Jeanie advised they have water filters but they only get about three weeks use out of them. Todd added he has three filters. so it costs about \$60 to \$70 to replace them, and that he had requested sink filters from HVO but they were yet to be installed. Andrew responded that he would follow this up.

Andrew felt that at the end of the day, whether a mine is located next to a property or not, water tanks need to be maintained and Brian added that it can also depend on the roof as that can contribute to water quality and he did not feel all concerns related to dust from mining.

Andrew noted that on a non prejudice basis HVO had acknowledged community concern around dust falling on roofs and potentially going into tank water, and regardless of whether this was based on correct information or not, that is why HVO had offered water tank cleaning or water filters.

Andrew asked the CCC for their feedback on what they felt would benefit the community as part of HVO's next Near Neighbour Amenity Resource program. Brian felt water filters were a good resource adding that another type of filter can be installed on the outside of a water tank that works on the first flush. Jeanie felt both water filters and tank cleaning go hand in hand. Andrew believed the feedback was for HVO to propose looking at tank cleaning or water systems as part of their next amenity resource round and the group agreed they felt they would be the most appreciated items.

Col asked if the company would publicise this community resource and Andrew confirmed that previously notification had been provided through near neighbour correspondence and Todd added HVO had also notified residents at a community meeting.

#### ***Jeanie Hayes***

Jeanie asked if there are any modifications in the pipeline and Andrew responded no, confirming that the last was in relation to the HVO South Modification which essentially has been implemented now.

#### ***Brian Atfield***

Brian made reference to a recent roadside fire and was concerned if this had of been on the other side of the road it may have damaged HVO's land, he asked if the company was fairly fire-safe up in their top area.

Andrew confirmed that HVO have a Bush Fire Management Plan, they talk to the R.F.S. and make sure tanks are full before the fire season. Andrew did feel the boundary between AGL and HVO was an area of concern and therefore they have that heavily grazed. Andrew noted that HVO's Emergency Response had also attended to the fire that Brian mentioned.

Col thanked all for their attendance and wished everyone a great Christmas and all the best for the New Year.

### **11.Next Meeting and Meeting Close**

**20 February 2018 at 1.30 p.m.**

**At HVO's Main Administration Offices:**

**Actions arising from this Meeting:**

**ACTION 1: Andrew to post the Department's Code of Conduct for CCC's to Neville, Brian, Di, David and Janelle for their sign-off.**

## Contact details for CCC Members

Name	Position	PH	Email
Dr Colin Gellatly	Independent Chairperson	0417 203 249	<a href="mailto:colgellatly@cгаа.com.au">colgellatly@cгаа.com.au</a>
Cr Hollee Jenkins	Singleton Council Representative	0418 595 484	<a href="mailto:hjenkins@singleton.nsw.gov.au">hjenkins@singleton.nsw.gov.au</a>
Dr Neville Hodgkinson	Community Representative	0428 850 173	<a href="mailto:ssheg@hotmail.com">ssheg@hotmail.com</a>
David Love	Community Representative	02 6573 2515	<a href="mailto:dawege@aapt.net.au">dawege@aapt.net.au</a>
Brian Atfield	Community Representative	0409 449 519	<a href="mailto:brianatfieldfarrieri@bigpond.com">brianatfieldfarrieri@bigpond.com</a>
Di Gee	Community Representative	0448 448 346	<a href="mailto:dpgee@bigpond.com">dpgee@bigpond.com</a>
Janelle Wenham	Community Representative		
Todd Wells	Community Representative		
Jeanie Hayes	Community Representative		
Michael Wellard	Community Representative		
Tony Galvin	General Manager	6570 0228	<a href="mailto:Tony.Galvin@hvo.com.au">Tony.Galvin@hvo.com.au</a>
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