

HUNTER VALLEY OPERATIONS

Hunter Valley Operations (HVO) Community Consultative Committee (CCC) Meeting Wednesday 29 May 2019

Attendance

Chairperson

Dr. Colin Gellatly Independent Chair HVO CCC

Community Representatives

Neville Hodgkinson Community Representative

Brian Atfield Community Representative

Di Gee Community Representative

David Love Community Representative

Todd Mills Community Representative

Janelle Wenham Community Representative

Michael Wellard Community Representative

Singleton Council

Cr. Hollee Jenkins Council Representative

Company Representatives

Philip Price Operations Manager (on behalf of Tony Galvin)

Bruce Gould Production Manager

Andrew Speechly Manager Environment and Community

Merri Bartlett Environment & Community Officer

Apologies

Jeannie Hayes Community Representative

Tony Galvin General Manager

Minutes Sarah Purser

1. Welcome: Housekeeping, Emergency Procedures

Col welcomed the CCC and Philip Price was introduced as being in attendance on behalf of Tony Galvin. Merri ran through evacuation procedures and location of amenities.

Acknowledgement of Traditional Owners; Read by Andrew

"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. Hollee noted that she is engaged by a Sub-Contractor that does work for HVO.

4. Out of Session Correspondence;

1/04/2019	Merri	Details on the HVO Community Grants Programme Round 1 2019 emailed to members
5/04/2019	Merri	Draft minutes from previous meeting on 20 February 2019 circulated to members for comment
8/04/2019	Andrew	Copy of draft CCC Annual Report emailed to Col for review, Col responded on 17 April approving Annual Report and requesting that this be included in the business papers for the meeting on 29 May 2019

Out of Session Correspondence - Con't;

29/04/2019	Merri	Copy of Agenda for meeting on 29 May emailed to Col for review Col responded on 30 April approving Agenda
7/05/2019	Merri	Email advising members of Community Information Sessions in May
10/05/2019	Merri	Copy of Agenda and Business Papers emailed to members for review
17/05/2019	Merri	Copy of Annual Environmental Report emailed to members for review
23/05/2019	Merri	Email advising members of water tank testing Responses from Janelle, Brian and Michael
28/05/2019	Merri	Cancellation of proposed site tour

Andrew apologised to those looking forward to the site tour scheduled for today, having been cancelled due to unpleasant weather conditions. The company had been keen to show members Wilton dump and the seeding that has been conducted there. Andrew offered to re-schedule this tour prior to the next CCC and members agreed they would be happy to leave this to the August Meeting. Andrew added that this tour offer is open to be taken up at any time by members also on an individual basis, and does not necessarily have to be a group undertaking.

5. Confirmation of the previous Meeting's Minutes

Col called for formal approval of the minutes for the Meeting held on 20 February 2019 and members confirmed their acceptance. The CCC Meeting Minutes are available on HVO's public website - In-Site and can be accessed on-line via <https://insite.hvo.com.au>

6. Matters arising from the previous meeting - Action Items

- ✓ **Action 1:** HVO to advise the CCC when the Community Grants online application system reopens in April 2019 – *advised CCC via email 1 April.*
- ✓ **Action 2:** In response to a query from Michael, Andrew to look into what blast HVO may have had on the 15th of February 2019 – *HVO did not blast 15 February.*
- ✓ **Action3:** In response to concerns raised by Janelle in relation to blasting impacts, Andrew to look into activities on the 11th and 19th of February to confirm if these were HVO's shots – *HVO fired a blast on 11 February but not on the 19th.*
- ✓ **Action 4:** In response to a query from Jeannie, Shaun to confirm detail around anticipated works behind the Ridge Line and potential timing for commencement - *in today's presentation.*
- ✓ **Action 5:** In response to feedback from Todd, Andrew to look into conducting some tank water testing at random properties at Maison Dieu and Jerry's Plains, along with a control property not located within close distance of the operation – *email sent to CCC members outlining sampling programme*

MITCHELL PIT

In response to Jeannie asking about plans for the other side of the ridge Andrew indicated the locations of Mitchell Pit, the ridge and the Hunter River via mapping. Andrew explained that this work is not new and is part of their current West Pit Approval whereby HVO have consent to mine on the northern side of this Ridge. As per HVO's Mine Operations Plan (MOP) mining will commence on the edge of Wilton Pit and then extend to Mitchell Pit.

Andrew advised that in 2020 there will be a number of activities that need to be undertaken prior to HVO clearing topsoil and a lot of work to be conducted to make sure the right erosion and sediment controls are in place. The next step will be some clearing of vegetation and topsoil stripping, with the overburden excavation anticipated for mid-2020.

7. Company Reports | Update on Hunter Valley Operations

SAFETY SNAPSHOT;

Injury Rates 2019

- + Total Recordable Injury Frequency Rate (TRIFR) –4.36 (target is 3.00)
- + Lost Time Injury Frequency Rate (LTIFR) –0.87 (target is 1.00)

These results were a good improvement from last year and HVO now have a lot more focus on First Aid in relation to injuries such as strains and lower level wounds. Safety continues to be work in progress for HVO as they seek to continue to improve on this.

MINING OPERATIONS;

- + **West Pit;** The progress of this Pit is going well with Dragline 104, a Rope Shovel and Diggers in operation.
- + **Carrington as at November now TSF;** HVO have been double flocking the Carrington Void which is to be used for all tailings going forward.

Hollee asked what the plans were for Carrington and Andrew advised HVO are putting tailings in the void there at the moment. HVO still have approval to extend Carrington to Lemington Road, as there is still a resource there, but that is not in current mining plans. Andrew advised there is also some provisional works to be conducted i.e. constructing a groundwater barrier wall due to the proximity to the Hunter River. .

- + **Cheshunt;** Rope Shovels and Diggers are operating and HVO may get another exposure of Bayswater over the coming months, then the intent is to go down lower into the Pit.
- + **Riverview;** The Dragline in this Pit is progressing well and HVO are looking to pre-strip to the end of this year. There will be upper level blasting that may cause road closures of the Golden Highway.

TRUCK SOUND ATTENUATION

All of HVO's Haul Fleet is to be sound attenuated by the end of 2019. HVO have gone to an upgraded kit that they feel is of a better design and the first truck to be fitted with this new attenuation package will be tested this week.

ENVIRONMENT

Reporting

Merri advised that the CCC had been provided with the 2018 Annual Environmental Review (AER) for HVO on 17 May 2019 and confirmed this report had been submitted to the Department of Planning & Environment on 29 March for their review and approval. Merri noted that this report will not be put on the company website until it has received approval and had been shared with the CCC for their review and not to be circulated to external parties.

Neville acknowledged that HVO had reported water seepage at the North Void Tailings Facility in their AER and asked where the leakage was and how that may have impacted on alluvial land. Andrew identified via mapping where the piezometer that had indicated an increase in salinity i.e. salt level was located, and said it was that monitor that had gone over trigger and where HVO then responded to. Andrew confirmed that HVO had identified this issue via their Groundwater Monitoring Program and that is a very heavily monitored area and since then HVO commenced double flocculation works before deposition ceased in January. Andrew confirmed that all has stabilised in that area.

Neville asked if there was the ability to plug potential leakages and Andrew responded that tailings consolidation will do that which is the result the company is expecting. HVO are also doing some ground water modelling to confirm this and some alternative mitigations i.e. dewatering should tailings consolidation not resolve this at the rate they anticipate.

Neville asked where was the highest risk to the Hunter River and Andrew advised the river had shown no change. Neville noted from the AER that HVO had put in extra bores and Andrew responded that is correct, the company already had a lot in place but they installed more to help map out where groundwater was sitting in that area. Andrew added that a Management Plan had subsequently been provided by HVO to the EPA which has been incorporated into HVO's licence.

Inspections

Resource Regulator Inspection 1 May 2019:

- ✚ **Rehabilitation maintenance & monitoring and Tailings management;** These two routine type inspections were looking at HVO's progress against a notice issued earlier this year by the Resource Regulator (RR). Andrew confirmed that the RR was satisfied that HVO were meeting the intent of that requirement, noting that there had been quite a lot of work for the company that had come out of that notice.

EPA Inspection 8 May 2019:

- ✚ **Dust inspection;** Andrew confirmed that the EPA were satisfied with Cheshunt in relation to dust, also with haul roads and the North Void Tailings facility. The EPA have identified some opportunities for improvement in West Pit around Drill Pads and the Dragline.
- ✚ **North Void Tailings Facility decant water management;** HVO continue to dewater to pull that water level down.
- ✚ **Bulk fuel and oil storage;** The EPA had noted that these storage facilities had aged given the age of the mine and HVO have some opportunity to improve and contemporise these.

Andrew added that as part of the integration and complying with Glencore protocols there was a hydrocarbon audit against Australian Standards with some improvements to come out of that.

- ✚ Follow-up inspection of areas related to reported water incidents in March

Reportable Incidents

18 March – Turbid water entered Farrells Creek from a rehabilitation slope; Andrew advised there had been no change in the Hunter River and because of the higher rainfall impacts that had been HVO's expectation, however he acknowledged that they were not authorised to discharge. Repairs have been made to the rehabilitation slope to prevent a reoccurrence. HVO reported this to the EPA, DPE and RR. This incident is currently being investigated by the EPA and RR to determine what level of enforcement may be imposed on HVO. David asked what the term "turbid water" means and Andrew provided the example of silt or clay being added to water and then shaken resulting in muddy type water.

30 March – Turbid water entered Farrells Creek from two sediment dams; Andrew identified the location of these two sediment dams; the top dam being just ahead of mining in West Pit and the other is located at the bottom of HVO's rehab slope. These sediment dams are designed to meet certain criteria based on the Blue Book requirements to cater for rainfall of approximately 27 mm, but in this case there had been 66 mm of rain and as a result both dams were overtopping. This was reported to the EPA, DPE and RR.

Andrew noted that pumps had been operating in the lower dam prior to this rainfall event and that the top dam had been empty. HVO have since increased the top dam to almost double its capacity and will do a full catchment review to make sure the company is meeting contemporary standards.

In both of these incidents HVO implemented their Pollution Incident Response Management Plan and notified Singleton Council, Work-Safe, the Department of Health, Fire & Rescue and the EPA and Andrew confirmed that the company has an obligation to follow that process following an environmental incident on site.

COMPLAINTS 2019 AS AT 28 MAY

There had been four complaints received in relation to dust; one on 6 March, one on 29 April and two on 27 May, HVO provided an extensive overview into the nature of the complaints and also their investigations and actions undertaken in response to these.

29 April 2019;

In relation to the Upper Hunter Air Quality monitor at Mason Dieu that had increased readings on 29 April, Neville asked what HVO had done to manage their dust in those circumstances. HVO confirmed that the wind direction had been heading towards the site at that time and that hazard reduction burns were taking place in the area and smoke would impact the monitors as identified on the OEH website.

Neville noted that he had received an SMS alert regarding Maison Dieu at 10.30 a.m. and that these usually came in late at night. Neville felt that the one hour averages had been very high leading up to this alert, being around 50.3ug/m³, and noted that he had raised air quality at Maison Dieu at the last CCC meeting.

27 May 2019 (High Winds);

Hollee noted the two complaints on this day and acknowledged that it had been a very windy week. Hollee had not been able to travel through from Muswellbrook to Singleton on 27 May as there had been a haze straight across the road. Hollee did try to phone but could not get through on the Community Complaints Hotline so she felt HVO may have missed a few calls relating to this.

HVO confirmed that the majority of their equipment had been shut down by 9.30 a.m. and a blast scheduled for 1.00 p.m. had been postponed due to wind speed. In addition, the company had all available water carts operating.

HVO presented a graph illustrating equipment downtime for 27 May noting that there had been significant shut down periods, particularly with trucks. Neville felt it would be helpful to know the numbers and Bruce responded that HVO had one Excavator running with four trucks on the lowest bench of the Pit. To give a sense as to the percentage of this equipment Bruce advised that HVO have 81 trucks and are usually running at about 71 but on this occasion only four were in use as well as water trucks.

Janelle asked if the water carts could get up onto the top of the Cheshunt waste dump as she feels they are needed given the proximity of her residence in relation to the dump. Janelle had been very unwell on 27 May as the dust was horrific. Andrew confirmed HVO had been running water carts on the Cheshunt dump on that day.

Equipment downtime for Air Quality Management in 2018/2019

Andrew provided an overview of equipment downtime for the previous 12 months and noted that both November and December 2018 had been particularly challenging windy months.

REHABILITATION

Planned rehabilitation 2019 = 86ha

EOM April (including carryover):

- ✚ Released: 73.9 ha
- ✚ Shaped: 51.2 ha
- ✚ Topsoiled: 16.0 ha
- ✚ Seeded: 12.6 ha

Andrew indicated via mapping the area that is quite visible from Lemington Road, HVO are progressing well in Glider dump where they are currently shaping and installing in drains to assist in water management. Cheshunt is also releasing a bit more area so that HVO can shape what they need this year.

Andrew noted that West Pit has two areas flagged for rehabilitation, there is Wilton in the South that was to be viewed at today's site tour and has a portion seeded and a second area in the centre of West Pit that HVO have in their planning but may look for an alternative area. Andrew advised that HVO need to keep material in front of them so they can keep shaping their rehabilitation.

FERAL PEST MANAGEMENT - 2018

HVO provided an overview of their synchronised baiting/trapping programs, targeting pigs, wild dogs foxes and confirmed that kangaroo culling (commercial harvest) is ongoing. In addition, HVO provided control numbers by species.

Andrew noted that there had been reports that pig numbers were coming back and Janelle agreed that the numbers had definitely increased. Andrew advised that HVO are seeing if one shooter can come back to do another round at the Archerfield area. Andrew noted that kangaroo control numbers were down compared to the start of the harvest season where contractors had been easily bagging them, so HVO's strategy will be to space this culling out.

HVO & Regional Feral Animal Pest Control Programs

The objective of this Regional Program was to achieve greater impact on feral animal populations by coordinating mine site and Government agency programs and the works were coordinated by the Hunter Local Land Services (LLS). Participants to date include; LLS, Wild Dog Associations, HVO, Ravensworth Operations, Mt Owen, Bulga Coal, MTW, Ashton, Mt Pleasant, BHP, AGL Macquarie, National Parks and State Forests. Andrew noted that this had been the first time that there had been such a large involvement of participants and a co-ordinated effort into feral animal pest management and hoped to get some detail back from the LLS on cumulative results.

School Tours

Andrew advised there had been a lot of visitors to site including Normanhurst Boys High and Rutherford Technology High School. HVO had organised these through the Coal Industry Centre and Youth Express and the aim was to bring in some students with an interest in mining related occupations. Andrew noted that some school students may have an idea of what they want to do for a career but until they look and see how the work is done it can be difficult to visualise. These students viewed the mine's maintenance and operational areas and HVO arranged presentations from various team members to talk on what occupations, and the associated pathways, are on offer in mining. HVO are planning a further site tour for Mount View High School in Cessnock. HVO maintains a preference for attendance of schools in Singleton LGA to attend but they had been already set up to go to other businesses as part of this programme.

HVO also had the Australian Christian College visit as part of the Upper Hunter Mining Dialogue who visited the West Pit, alluvial lands rehabilitation and the Coal Handling and Preparation Plant.

Apprentice Day Jerrys Plains Public School – 6 April

Andrew advised that HVO had organised an apprentice day where HVO apprentices worked for the day at Jerrys Plains Public School and undertook a number of projects namely;

- ✓ Painting and sanding the cubby house;
- ✓ Filling the sandpit with new sand and toys;
- ✓ Inserting rubber matting around the basketball court;
- ✓ Installation of a native plant garden at the entrance to the school; and
- ✓ Removal of a redundant fence.

Community Information Sessions

Community sessions were conducted at Jerrys Plains and Maison Dieu on 16 & 25 May providing community members the opportunity to speak with company representatives about HVO operations. Andrew thanked all members that had supported HVO and attended these sessions which had been run as informal community engagement sessions. 11 community members attended the Jerrys Plains event and 6 attended the Maison Dieu session with feedback from the community around the following key matters;

- ✚ Feral animals
- ✚ Noise
- ✚ Blasting
- ✚ Cheshunt Dump progress

Andrew advised that HVO are always searching for ideas to improve these community sessions and to increase community participation and asked members to speak openly if they felt these sessions could be done in a better format or to share their own suggestions.

HVO Community Grants – Round One

The first round of HVO Community Grants has closed and applications are being reviewed internally. HVO hoped to provide responses back within the following few weeks so the applicants can commence their respective projects. Andrew advised that HVO will share detail on the successful applicants via an update on grant submissions at the next CCC and noted there will be another round of community grants in August/September 2019.

Glencore Coal Assets Australia Apprenticeship Recruitment for 2020

Andrew advised that the company is going through a recruitment drive for apprentices and advertising will be seen heading out. Whilst HVO is not a 100% Glencore site they still utilise their systems including that for recruitment. Andrew asked members if they know anyone interested in an apprenticeship to direct them to HVO's website and as they go through that site, the detail will be on a Glencore page. Andrew added particularly for people that live locally to make that known on their application.

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

Neville Hodkinson - Update on Singleton Shire Healthy Environment Group

Neville said the SSHEG have been looking at what their position is 10 years on from when the group was started. Whilst there has been a lot about minimising the amount of dust, Neville feels this hasn't really corrected the health situation in the community. Neville noted there are significant differences between the types of dust, such as PM10 and PM2.5 and essentially results that have come out of the World Health Organisation have identified connections between these.

Neville felt there has been a lot of effort over the last 10 years by community, mining companies and authorities being all in line but it seems these efforts have still not got the result in regard to improved air quality.

Neville feels that there is something wrong with the approach in terms of health, he noted that the CCC hear about dust, wind conditions and the company's focus on a reduction in dust related to PM10 but he feels in particular there should be a focus on reducing PM2.5's.

Neville believes that people residing closer to the mine are being impacted and noted the one hour monitoring readings had seemed more significant to him. Neville said he had noted the average readings had been very high for a number of hours but then the 24 hour average is still lower than 50ug/m³ for PM10. Neville advised the message to come out of this is the rise in PM10 and when this is sustained for a number of hours, he believes people are being exposed to and feels this may be the trigger to what then may be disease related.

Neville advised that World Health's focus is now also on PM2.5's noting that is what SSHEG have been pushing for since 2005. Neville believes the composition of particulates is also an impact and when looking at the Hunter Valley compared to other areas within Australia, the whole area stands out.

Neville is saying that everyone should not rest on their laurels and there is a long way to go, he feels there is potential for mines to be asked in years ahead to reduce some of the current allowable levels for different types of dust. Neville feels it may be being complacent for the PM10 limit being set at 50ug/m³ per day given that the hourly readings have been very high, so he would like the target to be to try and minimise the results for each and every hour.

Neville noted that HVO had presented on blasting at a previous meeting and queried if it was correct that the company is looking at the size of the blasts as well. Bruce confirmed that is correct, HVO have cut down the size to minimise the impact of dust and also to get better fragmentation.

Neville asked what HVO had found in relation to stemming i.e. distances and what sort of stemming the company uses. Bruce advised that HVO do use a more competent stemming on heavier rock to get less ejection and offered that he or Shaun could talk with Neville in more detail around that.

Brian Atfield

Brian thanked HVO for putting on the community information night and felt it was shame more people did not attend. but is not sure how HVO would improve on what they already have in place. Andrew thanked the Hall Committee for providing the BBQ and confirmed there had been around 11 community members come along to the Jerrys Plains session. Andrew advised that HVO have given consideration to ideas around increasing attendance for future community information sessions which are scheduled to be held later in the year.

Michael Wellard

Michael advised the biggest problem at Long Point is dust. Being east of HVO and with winds predominantly travelling from the west, the Long Point area receives a fair bit of dust, particularly as this area is quite open.

Michael asked with regard to feral pigs if HVO trap and Andrew responded they had found shooting more successful than trapping. Michael would like to obtain a pig trap as feral pigs had started to become a problem down there, Todd advised that Local Lands Services may be able to help and members offered some additional local contacts.

Michael asked what the situation was with water tanks being cleaned out again and Todd said there was opportunity at the community session to sign up for this service as part of the amenity resource programme. Andrew advised that if anyone in the community is still asking about this, the offer is still on the table and as agreed, HVO will keep both options open to either choose a water tank clean or filter installation, so if people already have one they may choose to do the other.

Cr Hollee Jenkins

Hollee opened a general conversation about employment, she asked if HVO will follow suit with Yancoal where MTW now have opportunities for contractors to transfer over to permanent positions. Bruce confirmed that 30 people had been converted from contractors to permanent staff at HVO and the company is conducting interviews for additional people to go across.

HVO continue to engage around 10 Trainees per month via Programmed and have dropped the two year Traineeship to 12 months and it was agreed that it is good to see members of the workforce transition from casual to permanent employment. Hollee asked if HVO focus on local people for apprenticeships and it was confirmed that HVO do look favourably at those who reside locally.

Action 1: In response to a request from Hollee - HVO to provide the CCC with an update on their Local Procurement spend.

Janelle Wenham

Janelle confirmed that she had been in discussion with Andrew regarding feral pigs and a blast incident that had impacted on her residence. Janelle feels that dust is a major problem for some residents as it raises health concerns, adding that sulphur can cause skin problems. Janelle had been unable to go out of her house for three days due to poor air quality conditions and reiterated that she feels there is the need for water carts to be operating on the Maison Dieu facing side of the waste dump. Andrew advised that operations are getting on top of this dump and whilst HVO could probably not get water carts on the edge, they should be able to get them to where they are running a platform. Bruce added that if HVO run the canon they are only able to target small surface area and that the water trucks achieve are more efficient at targeting bigger surface areas. Bruce understood Janelle's concern and advised that HVO want to cover as much surface area with water as a dust suppression as they can.

Janelle knows the water carts help but feels that people should use common sense when dumping on top of the waste dump when westerly winds prevail, as the dust is being dumped back over her side of the dump. Janelle advised she can be out working on her property and see several trucks on the waste dump, and felt that HVO would could see any dust being emitted and use common sense. Bruce said he would communicate Janelle's concern and request HVO staff operating in the pit to consider their neighbours.

Neville asked Janelle if she can see equipment doing the clearing and Janelle responded yes and that she had taken many photos. Neville asked why a camera could not be put in place to replicate Janelle's view and Janelle added that she felt HVO's monitor is located too far north for where the dust is a problem.

Bruce advised that HVO are tipping in the area that Janelle is referring to and when there are high winds HVO try to minimise operations in this area. Bruce confirmed that HVO have communicated this feedback to the operators and that the equipment downtime that had been presented on for the 27 May was an example of HVO's response to high winds.

Hollee noted that some 7 or 8 years ago there had been discussion around installing cameras that she believed were to be angled to see the other side of the river. It was acknowledged that cameras/videos can be deemed an invasion of people's privacy and there is some potential for the misuse of video footage and Andrew agreed that those are public areas so there would be an issue around privacy.

HVO can put cameras on their own land but to look effectively they would need to pan out, zoom in etc and thus interrupting people's privacy,. Andrew confirmed HVO are looking at the location of cameras on their side that may be more representative, even if they are not in Maison Dieu.

Janelle felt that company representatives from HVO would only need to see what she wipes off her tables to understand her concerns around dust and that HVO should be more proactive in dust management.

Todd Mills

Todd's said like Janelle, his concern is also around dust. Todd had been glad to see at the community information session that HVO were being proactive with organising tank cleaning again and also organising water testing of water tanks.

David Love

David was also interested in local procurement as raised by Hollee and to learn more at the next CCC meeting.

9. General Business

Bruce advised that HVO will have a program in place to irrigate some blasting shots and this will be up and running prior to the next CCC, so he will provide feedback on this to Janelle at the August meeting. Bruce said it made good business sense to keep the power in the ground when blasting and reiterated HVO are cutting down the size of their shots and also limiting the number of blasts.

Janelle noted that Andrew had seen damage to the stable on her property and that she has witnessed actual movement in the windows of her house which she found very disturbing. Janelle said she doesn't normally ring or complain but those two issues had been of concern.

Bruce responded that HVO have dropped the blast shot size to not only get better fragmentation but also for the control of dust. In addition HVO have also changed stemming so they don't get as much hole injection with an improved result. Bruce said HVO have made a significant monthly investment on these new blasting practices and reiterated that irrigating shots will be up and running by August which will make an improvement given the winds typical of August conditions.

10. Next Meeting and Meeting Close

21 August 2019 at 1.30 p.m. : At HVO's Main Administration Offices

HVO to have an Express Induction in place on the day

Actions arising from this Meeting:

Action 1: In response to a request from Hollee - HVO to provide the CCC with an update on their Local Procurement spend.