

HVO CCC Meeting

1:30 PM Wednesday 20 February 2019

HVO



**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
8. Community Representative Feedback
9. General business
10. Next meeting

Apologies

- Apologies for meeting
 - Dr Neville Hodkinson

HVO

- Bruce Gould

Housekeeping and emergency procedures

- Hunter Valley Operations
- Bathrooms
- Emergency exit and muster area
- Light afternoon tea will be provided at the end of the meeting

Declaration of pecuniary interests / conflicts of interest

PECUNIARY AND OTHER INTERESTS

Members should declare any pecuniary or other interest which may be considered to prevent them undertaking their role impartially and in the best interests of the local and broader communities. Examples include holding a private contract with the company or holding voluntary acquisition rights.

The guidelines establish no requirement in respect of personal interests other than declaration. However, the committee may determine that a personal interest is sufficient that a member should withdraw from discussion on a particular issue.

Correspondence

MB

Date	From	Content	Response
22/11/2018	AS	Email Code of Conduct and Pecuniary Interest forms	Di Gee
24/01/2019	MB	Email requesting comments on November CCC meeting minutes and date of next HVO CCC of the 20 February	Brian Atfield
1/02/2019	MB	CCC business papers and invitation sent out	Brian Atfield, Col Gelaty. Other members have confirmed by telephone

Confirmation of previous minutes

- Minutes from previous meeting (November 2018) have been circulated for comment and are awaiting finalisation, requiring confirmation at this meeting (20 February 2019).
- The draft minutes are available on our public website, In-site. The minutes can be accessed on-line via:
<https://insite.hvo.com.au>

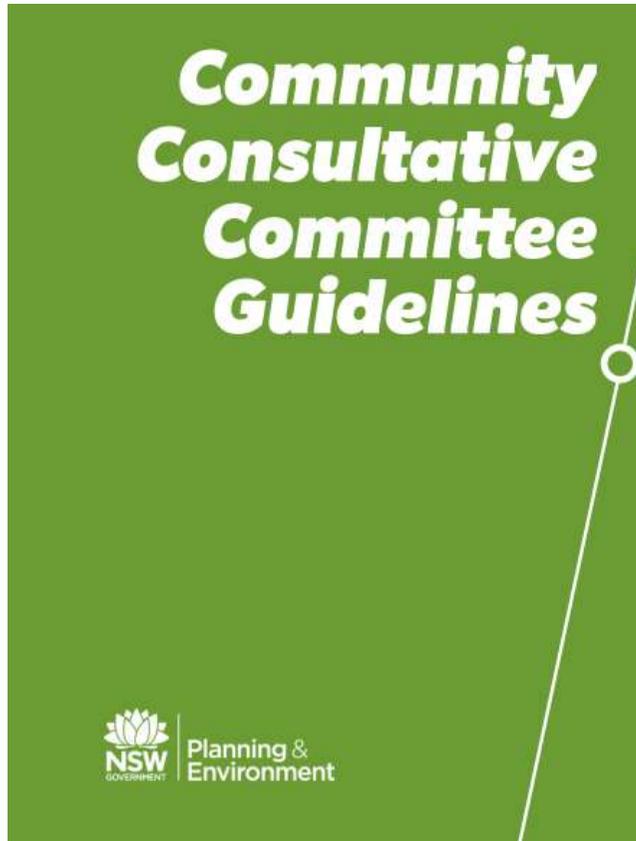
Actions arising from previous CCC meetings

CG

1. The Department's Guidelines for CCC's Code of Conduct to be posted to Neville, Brian, Di, David and Janelle for sign off



Action 1: Department's Guidelines for CCC's Code of Conduct



- Andrew emailed the guidelines on 22 Nov
- Signoff by members at this meeting required (see next slide for more information)

Company update

TG



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Safety

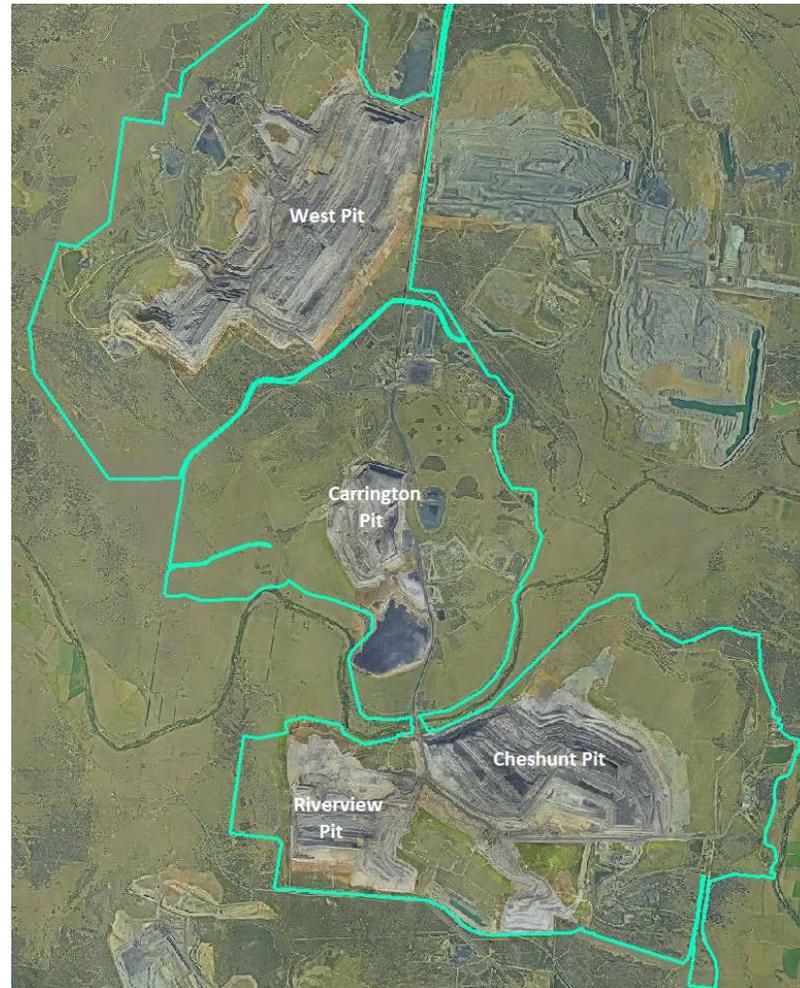
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Injury Rates (2018)

Total Recordable Injury Frequency Rate:	6.65 (target 3.00)
Lost Time Injury Frequency Rate:	1.45 (target 1.00)

Mining Operations

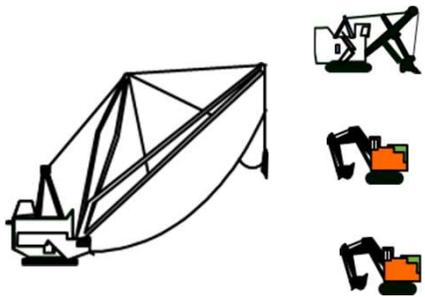
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West Pit

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**HUNTER VALLEY
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Carrington – as at November now TSF

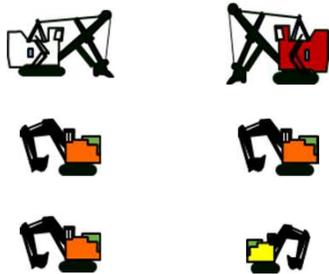
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**HUNTER VALLEY
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Cheshunt

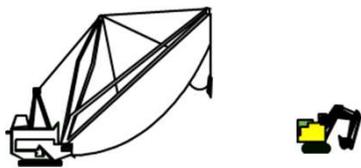
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**HUNTER VALLEY
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Riverview

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**HUNTER VALLEY
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Truck Sound Attenuation

- **66** trucks attenuated to date as at 24 Jan
- **40** trucks scheduled for 2019 (28 of these already have partial attenuation)



Environment

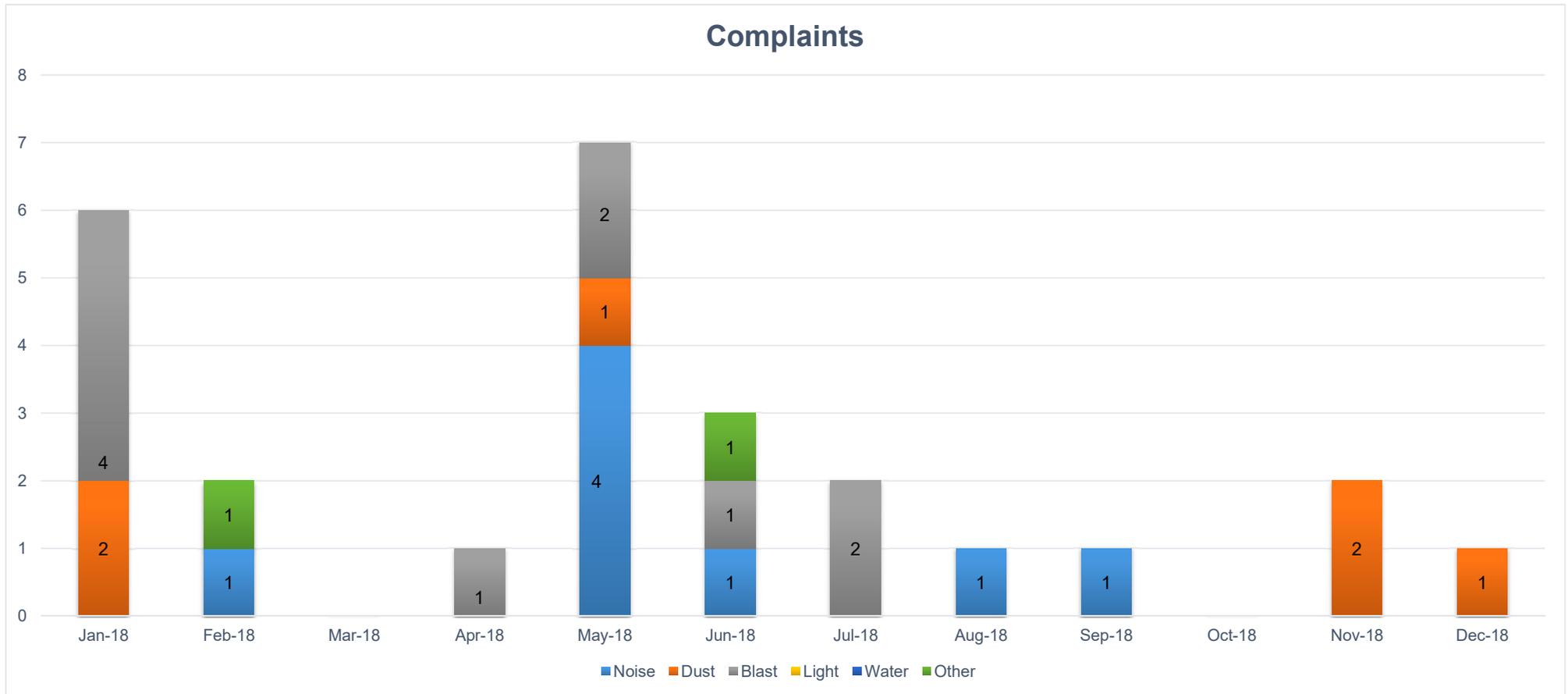
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Complaints (2018) – 26

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13 December Dust complaint

AS

- 1 dust complaint from Maison Dieu area
- Time: 18:15
- Real time monitoring data indicates that a sudden change in wind direction and increase in wind speed was experienced at 18:00 prior to the complaint
- A review of operational data indicated that trucks dumping >155RL ceased at approximately 18:13. Another alarm at 18:20 was received by dispatch by which time the pit had already pulled up due to the storm activity



13 December at 5.55pm



13 December at 5.57pm

13 December Dust complaint

AS

- Data for 18:20pm:
 - Maison Dieu PM10 10min - 21.3ug/m³. rolling 24hr avg. 14.5ug/m³
 - Knodlers Lane PM10 10min - 125ug/m³. rolling 24hr avg. 10.2ug/m³
- Toolbox talks were provided to operators discussing need to be more responsive to changing wind conditions.

HVO Rehabilitation - 2018

Total rehabilitation – 100.9 ha

- Released – 115.9 ha
- Shaped – 88.5 ha
- Topsoiled – 71.6 ha
- Ready to Seed – 8.8 ha
- Seeded – 100.9 ha
- 2018 Planned Rehab – 100 ha



HVO Rehabilitation - 2019

AS

Carryover areas from 2018

- Released: 67.9 ha
- Shaped: 24.0 ha
- Topsoiled / Ready to Seed: 8.9 ha

2019 Annual Rehab Plan

- **2019 Rehab: 86 ha**



Feral pest management - 2018

Program of activities

- 1080 baiting program, targeting wild dogs and foxes (incl. ejector baiting trial) (summer, autumn)
 - 1 x 2 week summer program, 57% success rate, 60 bait sites, 69 baits taken overall
 - 1 x 2 week autumn program, 64% success rate, 60 bait sites, 77 baits taken
 - 1 x 2 week spring program, 69% success rate, 61 bait sites, 84 baits taken
 - 1 x 2 week spring Biodiversity Area program, 61% success rate, 77 bait sites, 93 baits taken
- Rural Licensee feral pig trapping at two sites
- Winter feral pig baiting/trapping program
 - commencing early September, 3 weeks duration
 - 5 bait stations and 5 trap sites
- Kangaroo culling (commercial harvest ongoing)
- Open range shooting (on-going bounty system linked

HVO Vertebrate Pest Control Summary			
Vertebrate Pest		2018 YTD	2017
Kangaroos		1372	384
feral pig		247	239
feral pig (bait)		16	1
fox		18	11
fox (bait)		6	17
hare		54	71
feral cat		1	1
rabbit		3	19
wild dog		7	2
wild dog (bait)		191	196
deer (other)		1	0
Overall TOTAL		1941	941

Feral pest management 2019

Program of activities

Synchronised baiting/trapping programs, targeting pigs, wild dogs foxes.

- 3 week autumn pig trapping program commencing 25th March.
- 2 week autumn 1080 Wild dog/fox control program commencing 8th May
- 3 week spring pig trapping program, date TBA
- 2 week spring 1080 Wild dog/fox control program, date TBA
- Kangaroo culling (commercial harvest ongoing)
- Open range shooting (on-going bounty system linked to commercial harvest program)

HVO Vertebrate Pest Control Summary			
Vertebrate Pest		2019 YTD	2018
Kangaroos		76	1372
feral pig			247
feral pig (bait)			16
fox			18
fox (bait)			6
hare		0	54
feral cat		1	1
rabbit		0	3
wild dog		1	7
wild dog (bait)			191
deer (other)		0	1
Overall TOTAL		78	1941

Rationalisation of Pig Control Programs

2018 Feral Pig Control Program

Locations where feral pigs have been controlled and results :

- Comleroi - 13
- Wandewoi - 31
- North Pit Rehab - 8
- Cheshunt - 17
- Archerfield - 117
- Alluvial Lands – 11
- Carrington Stud - 66
- Total = 263



2019 Feral Pig Control Program

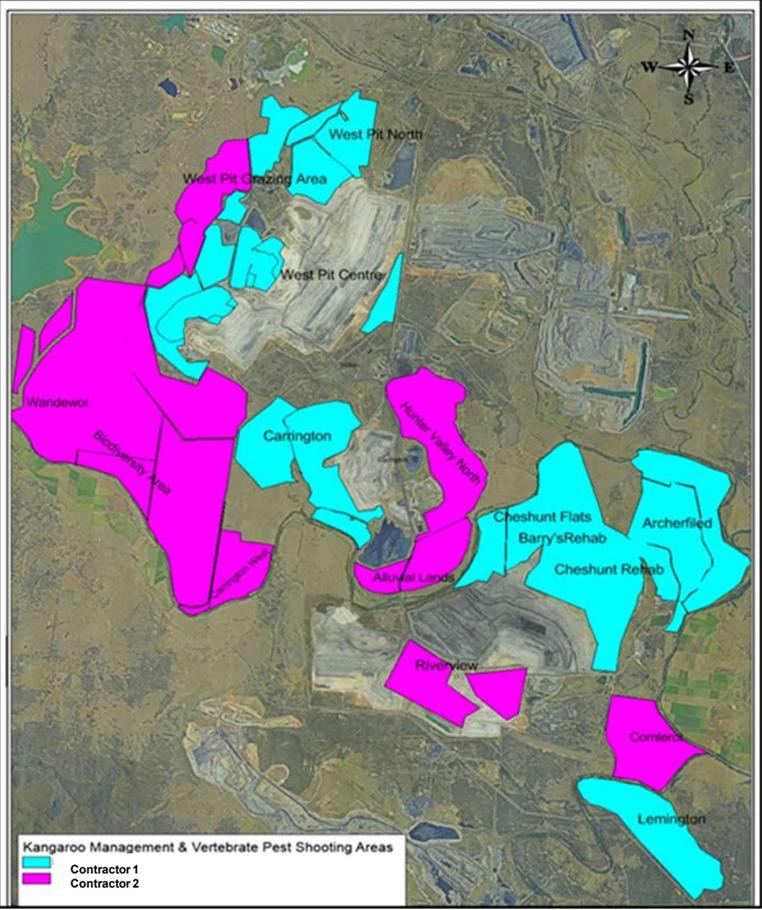
Proposed Locations for hog - eye traps

- Comleroi
- Wandewoi
- Carrington Stud
- Archerfield
- Cheshunt
- Eyrie Bower /Curlewis



Commercial Kangaroo Harvest Program

2019 Kangaroo Harvest Areas



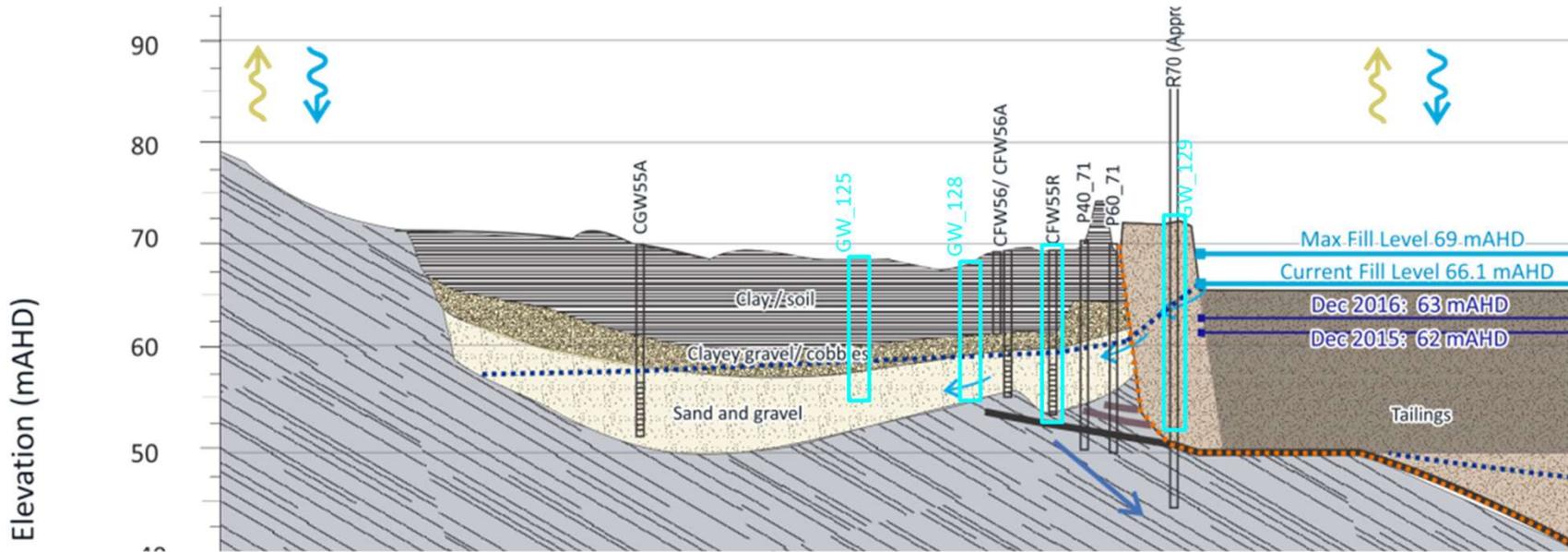
North Void Tailings Facility

- Monitoring has detected an upward trend in salinity in groundwater bores adjacent to the facility
- As per our TARP this triggered further investigations
- Groundwater quality adjacent to the tailings facility is naturally saline due to presence of coal seams
- An increase in Sulphate indicates seepage of water from the tailings



North Void Tailings Facility

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North Void Tailings Facility

- No impact on Hunter River water quality
- Notified relevant agencies (EPA, DPE, NRAR, RR)
- Working to a management plan
- Ceased tailings deposition
- Additional groundwater modelling to assess seepage mitigation with tailings settlement and consolidation



Management Plan Updates

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- Updates to all management plans to reflect new ownership
- Notable changes to MOPs, Air, Noise and Blasting Plans:
 - Noise
 - Updated protocol for determining non-compliance (reference to new Industrial Noise Policy for Industry)
 - Air
 - Use of real-time monitors for compliance assessment
 - Blasting
 - Receptor maps

MOP (Rehabilitation Management Plans) updates

AS

- North and South MOP updates submitted for approval late January 2019
- New North MOP
 - Updated rehabilitation and disturbance areas for next 3 years
 - Revised completion criteria and mapping
 - Rehabilitation improvement plan for management of weeds and progression from cover crops to native vegetation
 - Updated rehabilitation cost estimates (bonds)
- Amended South MOP
 - Revised completion criteria and mapping
 - Rehabilitation improvement plan for management of weeds and progression from cover crops to native vegetation

Making a difference - HVO Community Grants Program ^{AS}

- \$52 246 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

Community Events

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Blast Adventure Festival 18 Nov

Bush Dinner Dance 1 Dec



Community Events

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Wildlife Warriors 4 Dec

Salvos Christmas Party 5 Dec

Christmas Lolly Run 10-14 Dec



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Community Grants

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Submissions from local community grants for the HVO Community Grants programme will open on Monday 1 April 2019

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

Websites

- HVO - information about the operation: <https://hvo.com.au>
- HVO InSite - environmental monitoring performance: <https://Insite.hvo.com.au/>

Community Representative Feedback

CG

Dr Neville Hodkinson (by email 18 February)

- SSHEG remain concerned (of the impact on Community Health - especially children) at the high levels of PM10 Daily Averages of around 36ug/m³ emitted alone from HVO operations into the Maison Dieu and Jerrys Plains areas, and the consequential PM2.5 levels.
- The continuous stream of UHAQMN SMS Alerts including some received at Midnight are most unwelcome by the community and especially the Near Neighbours.
- By now HVO should be aware that the Community is not protected as Indoor Air Quality closely mirrors Outdoor Air Quality
- A further HVO Commitment is needed to minimise Mine Air Pollution at all times, even if operations are to cease and this means adjoining mines inter communications of the Cumulative Impact of entering and exiting adjoining Air Drifting Patterns on HVO,s ability to keep operating.
- The EPA reporting of Monthly Minimum, Maximum, Average, & Mean is a small step in the right direction, however HVO would gain better Community support by reporting and controlling Daily and Weekly Min, Max, standard deviation PM10 levels as a means of recognising the Valley Air Drifting Patterns and their impact on Community Disease.

Community Representative Feedback

CG

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



