

# HVO CCC Meeting

1:30 PM Wednesday 21 August 2019

HVO



**HUNTER VALLEY  
OPERATIONS**

# Acknowledgement of Traditional Owners

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

# Agenda

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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
11. Site tour

# Apologies

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CG

Bruce Gould - HVO

# Housekeeping and emergency procedures

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- Bathrooms
- Emergency exit and muster area

# Correspondence

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3/07/2019	MB	Email advising members of about aerial seeding programme
11/07/2019	MB	Draft minutes from previous meeting on 29 May circulated to members for comment
13/08/2019	MB	Copy of agenda and business papers emailed to members for review

# Confirmation of previous minutes

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- Minutes from previous meeting (29 May 2019) have been circulated for comment and are awaiting finalisation, requiring confirmation at this meeting (21 Aug 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

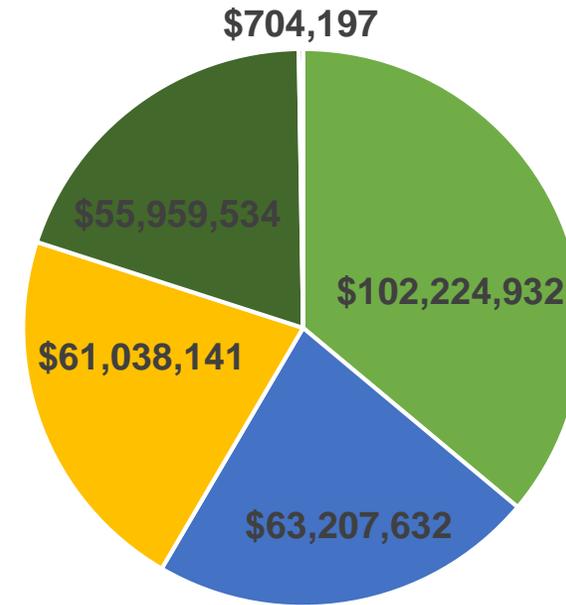
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**ACTION 1 (arising from meeting on 29 May):** In response to a request from Hollee - HVO to provide the CCC with an update on their Local Procurement spend. ✓

**ACTION 5 (arising from meeting on 20 Feb) :** 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 ✓

# Action 1 – Local Procurement Spend

- Total local procurement spend at HVO for the period June 2018 to June 2019 is \$353,789,241
- Chart shows those Local Government Areas closest to HVO which total \$283,134,436



# Action 2 – Water Tank Testing

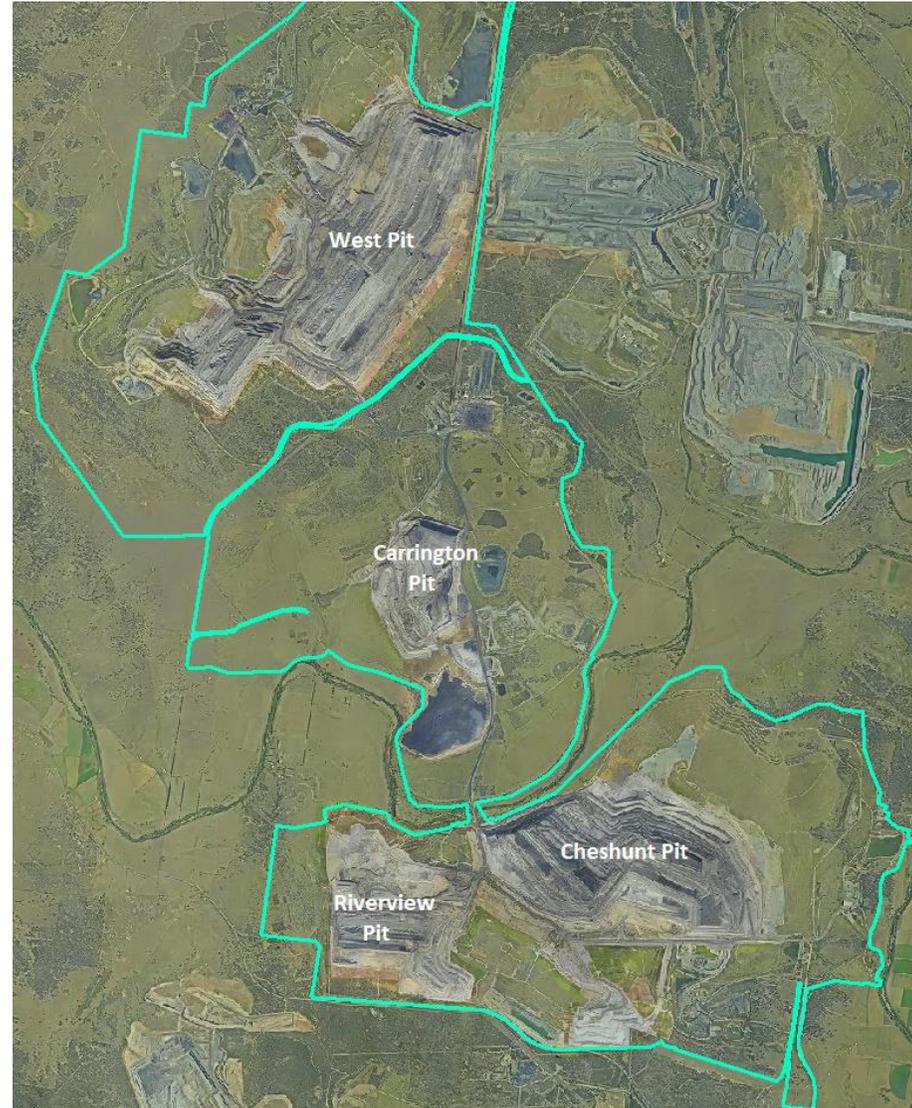
Sample Location	Jerrys Plains	Jerrys Plains	Jerrys Plains	Long Point	Maison Dieu	Maison Dieu	Branxton - Control Site	Guidelines	
								Health	Aesthetic
pH	6.52	8.1	7.22	7.1	7.8	8.37	7.6	c	6.5-8.5
EC	38	495	87	59	66	255	48	-	-
TDS	27	252	21	39	56	119	13	not necessary	600
TSS	6	<5		10	<5			-	-
Turbidity	2	0.2	0.2	5.2	4.9	2.2	0.6	c	5 NTU
Total Coliforms	1730	26	866	1120	548	38	46	-	-
Faecal Coliforms	3	<1	18	<1	8	<1	<1	0	0
Escherichia coli	2	<1	18	<1	5	<1	<1	0	0
Aluminium	0.06	<0.01	0.01	0.13	0.18	0.08	0.13	c	0.2
Arsenic	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.007	nd
Boron	<0.05	<0.05	0.08	<0.05	<0.05	<0.05	<0.05	4	nd
Cadmium	<0.0001	<0.0001	0.0005	<0.0001	<0.0001	<0.0001	<0.0001	nd	0.002
Copper	0.004	<0.001	<0.001	<0.001	<0.001	<0.001	0.002	2	1
Manganese	0.001	<0.001	0.03	0.002	<0.001	<0.001	0.001	3	0.1
Nickel	<0.001	<0.001	0.002	<0.001	<0.001	<0.001	<0.001	0.02	nd
Lead	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.01	nd
Selenium	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	
Zinc	0.242	0.147	0.138	0.371	0.021	0.023	0.017	c	3
Iron	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	c	0.3
Mercury	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.001	nd
Pseudomonas aeruginosa (MF)	<1	<1	<1	<1	8	<1	<1	-	-



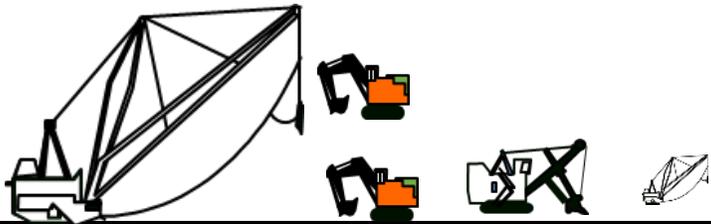
## **Injury Rates (2019)**

Total Recordable Injury Frequency Rate: 2.40 (target 3.00)

Lost Time Injury Frequency Rate: 1.44 (target 1.00)



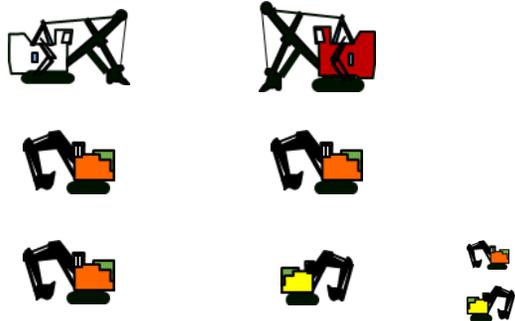
# West Pit

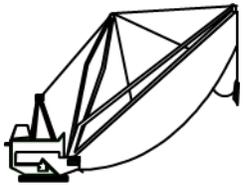


# Carrington – as at November now TSF

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# Truck Sound Attenuation

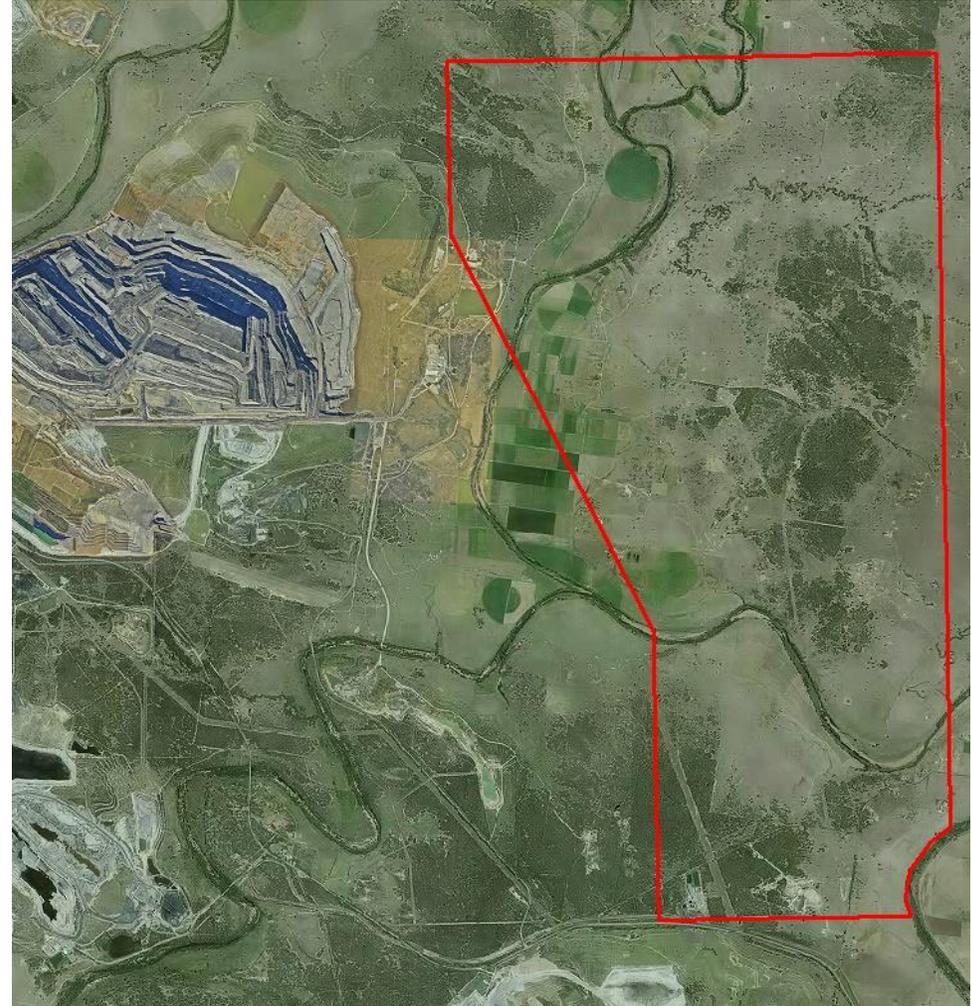
# Trucks	# Trucks Sound Attenuated	% Trucks Sound Attenuated
81	68	83

- In 2019, HVO is scheduled to complete fitment of a further 16 sound attenuation kits haul trucks with all the haul fleet to be sound attenuated by the end of 2019.
- Recent sound testing has confirmed sound power level achieved for new sound suppression kit.
- Roll out of the new kit to commence early September.



# Exploration Drilling – EL 5291

- Drilling programme comprises 19 drillholes in total (seven on private properties)
- Drilling is to ensure that tenement expenditure on EL 5291 is maintained and not to explore for resource definition
- To be undertaken before the end of 2019
- Drilling requires approval by the Resource Regulator and consultation with landowners including access agreements prior to the commencement of the programme



# Exploration Drilling – EL 5606

- Drill programme forms part of the Life Of Mine feasibility drilling area
- Purpose is to define the strata of EL5606 and the underlying EL8821 coal measures down to the Barrett seam.
- Drilling programme comprises six drillholes
- Drilling is to be undertaken on HVO owned land





# Complaints (2019) – YTD



# Complaints 2019 YTD

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- Six complaints received for 2019 YTD
- Two complaints received since last CCC in May:
- 7 June 2019, 12:45
- The Department of Planning (DP&E) and Environment received a complaint in relation to blast fume at HVO for a blast that occurred on 6 June. The blast was fired from West Pit at approximately 13:10 and produced fume ranked as 3B.
- The plume was observed to disperse over mine land.
- Complainant details were not disclosed by DP&E therefore the complainant could not be contacted for follow up by HVO.
- An external investigation was undertaken and outcome of this is to reduce shot size and depth on production holes.

# Blast Fume reduction

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- Production drill holes of shallow depth (less than 20 metres) and narrow width have recently been implemented on site to eliminate the risk of blast fume events
- Included on blasting checklist with drill holes greater than 20 metres requiring further sign off

- 26 June 2019, 15:03 (Jerrys Plains)
  - A complainant called the HVO public telephone number to complain about dust being emitted from the mine and covering their property following a blast at Riverview Pit at 2.48pm.
  - Video footage indicated a visible dust plume crossed the mine boundary however it was dispersing as it tracked westwards.
  - Video footage was insufficient to track the dust plumes path offsite however based on wind direction at the time, it is possible the dust plume would have travelled in the general direction of the resident who is located approximately 4km from the blast.
  - The dust plume is likely to have dissipated over this distance.
  - The blast was fired in accordance with blast management plan and internal blasting permissions

# Rehabilitation

Planned rehabilitation 2019 = 86ha

EOM July (including carryover):

- Released: 84.5 ha
- Shaped: 67.3 ha
- Topsoiled: 38.8 ha
- **Seeded: 22.5 ha**
  
- Available for seeding: 9.0 ha

Seeded – EOM July



# Aerial Seeding

- Area of 405 ha seeded
- Undertaken on 25 and 26 July
- Provides a temporary cover on active waste dumps to reduce the area exposed to wind generated dust



## Program of activities 2019

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

- 3 week autumn pig trapping program commencing 25<sup>th</sup> March. -1 pig
- 2 week autumn 1080 Wild dog/fox control program at HVO mining operations commencing 8<sup>th</sup> May. 78 % success rate, 64 bait sites, 72 baits taken
- 2 week autumn 1080 Wild dog/fox control program at HVO biodiversity areas commencing 8<sup>th</sup> May. 75 bait sites, 65 baits taken
- 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		390	1372
feral pig		9	247
feral pig (bait)		1	16
fox		3	18
fox (bait)		15	6
hare		6	54
feral cat		1	1
rabbit		0	3
wild dog		1	7
wild dog (bait)		100	191
deer (other)		1	1
<b>Overall TOTAL</b>		<b>529</b>	<b>1941</b>

# HVO & Regional Feral Animal Pest Control Programs

## Objective

To achieve greater impact on feral animal populations by coordinating corporate and government agency programs

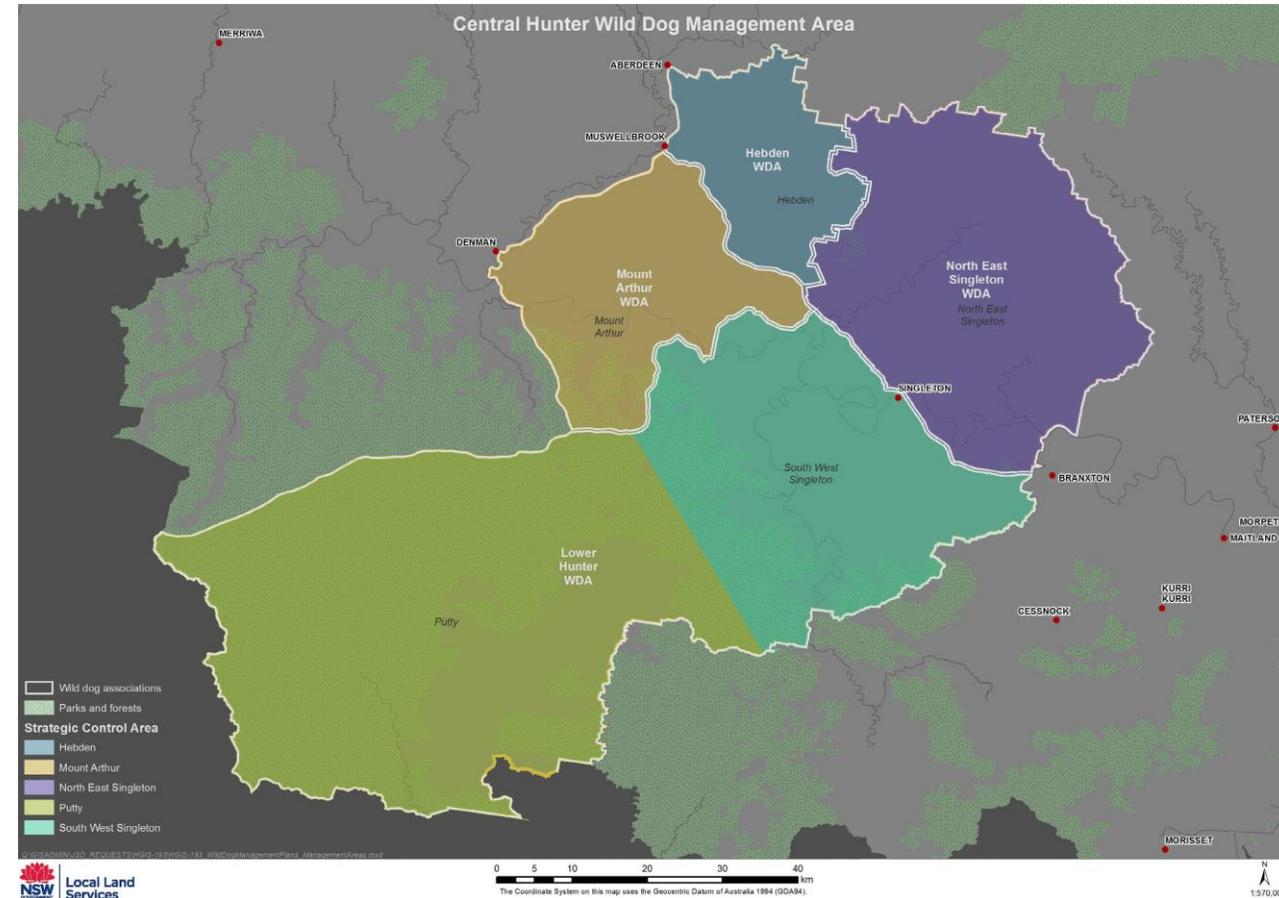
Works coordinated by the Hunter Local Land Services (LLS)

- Participants include – LLS, Wild Dog Associations HVO, Ravensworth Operations, Mt Owen, Bulga Coal, MTW, Ashton, Mt Pleasant, BHP, AGL Macquarie, National Parks and State Forests

## HVO Program of Activities 2019

- Summer 1080 Wild dog/fox control program Feb/March - Complete
- Autumn Pig Control Program conducted April 2019 - Complete
- Autumn 1080 Wild dog/fox control program commencing 6th May 2019 - Complete
- Spring Pig, Wild dog/fox control programs date - dates to be set with the LLS at the Regional Pest Control Meeting to be held on Tuesday 20th August.

Reporting sightings to the E&C team help to target baiting and control locations



# School Tours

Australian Christian College 24 May



Mount View High School 20 August



- A number of local organisations were successful in obtaining funds totalling almost \$30 000:
  - Camp Quality
  - Singleton Theatrical Society
  - Singleton PCYC
  - Westpac Rescue Helicopter Service
  - Singleton Bowling Club Co-operative Limited
  - Singleton Pony Club
  - Singleton Heights Pre-School
  - Singleton Council
- Round Two of the 2019 Community Grants Program will open in September

# HVO – contact details

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## 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/>

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



# Next meeting and close

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- Future proposed meetings

- Meeting close

