

# DARTBROOK COMMUNITY CONSULTATIVE COMMITTEE

25 May 2017

**CONFIDENTIAL**

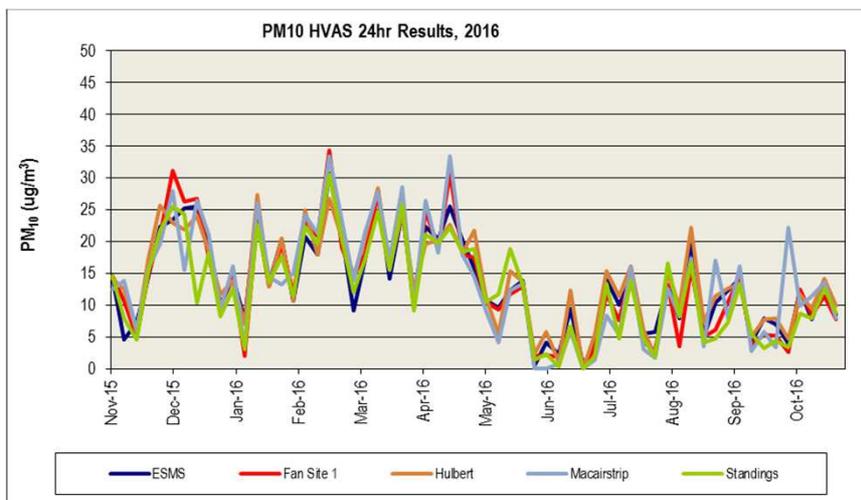
## AGENDA

- |   |   |
|---|---|
| <b>1 Organising the Independent<br/>Chairperson &amp; Opening, Safety Share<br/>and Apologies: Paul Smith</b> | <b>8 General Business</b> <ul style="list-style-type: none"><li>– Environmental Monitoring</li><li>– Exploration Programme</li><li>– Current &amp; Ongoing issues incl<br/>Annual Review</li><li>– Action from previous minutes</li></ul> |
| <b>2 Declaration of Pecuniary Interest</b>  | <b>9 Other Business</b> <ul style="list-style-type: none"><li>– Other</li></ul>   |
| <b>3 Correspondence – including ownership</b>   | <b>10 Next Meeting</b>  |
| <b>4 Confirmation of previous Minutes</b>   | <b>11 Meeting Close</b>   |
| <b>5 Business Arising</b>   |   |
| <b>6 Complaints Summary</b>   |   |
| <b>7 Incidents – Nil</b>  |   |

**GENERAL BUSINESS - MONITORING**

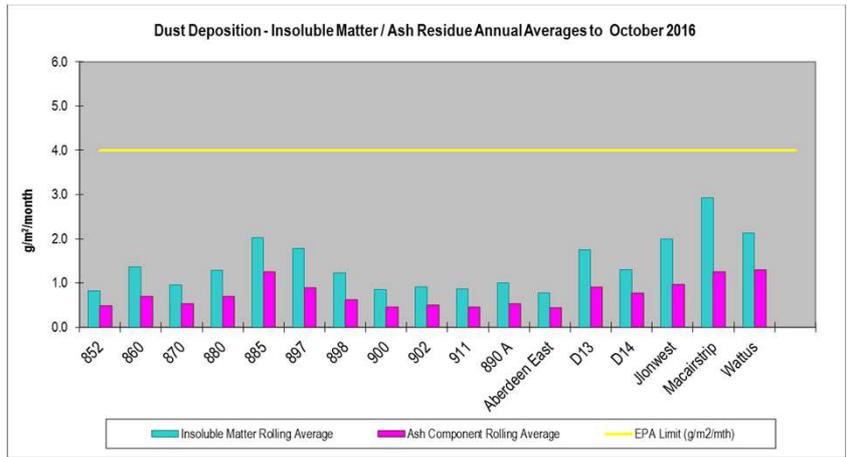
- Rehabilitation & Biodiversity – satisfactory & carried out monthly
- High Volume Air Sampling
- Dust Deposition
- Dust Isopleth
- Surface Water – Hunter River Salinity
- Surface Water – Dart Brook Salinity
- Rainfall

**2016 HIGH VOLUME AIR SAMPLER DUST MONITORING**



PM10 (Particulate Matter <10µm) NEPC guideline limit is 50ug/m<sup>3</sup>

**DEPOSITIONAL DUST MONITORING.**



Insoluble Matter is Ash + Combustible Matter  
 Ash is more representative of dust component, remainder is typically organic matter (e.g. insects)  
 Annual average below limit of 4g/m<sup>2</sup>/month at all sites

**DUST ISOPLETH FOR THE ANNUAL AVERAGE INCLUDING OCTOBER**

80343417 07/11/16 LI www.aecom.com

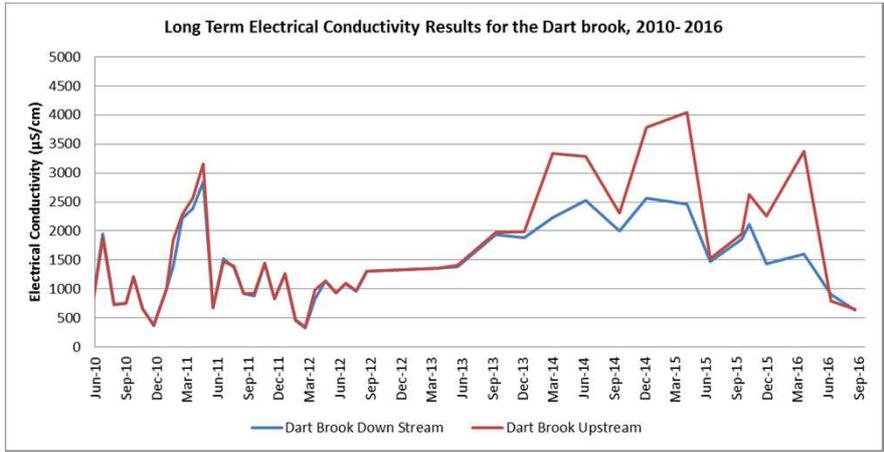


**AECOM**  Dust Gauge Locations  
 Dust Deposition Contours  
 Units: g/m<sup>2</sup>/month

**Figure 2** Depositional Dust Contours - Rolling Annual Average, October 2016  
 Anglo Coal - Darbrouk  
 Aburthy Environmental Monitoring Report  
 Aberteen NSW

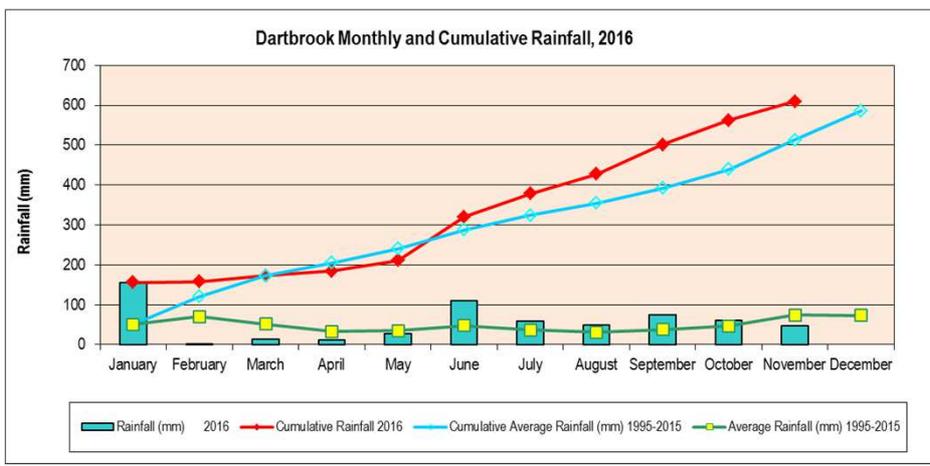


**SURFACE WATER SALINITY – DART BROOK**



- Electrical Conductivity – Upstream EC fluctuates with flow rates (influenced by rainfall) and downstream EC may be influenced by Hunter River flows.

**METEOROLOGICAL DATA**



2016 YTD = 609 mm  
 Dartbrook average yearly = 586 mm



## GENERAL BUSINESS - DARTBROOK ACTIVITIES

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- Sale progressing
  
- Exploration – ceased.
  
- Projects – ceased.
  
- Care and Maintenance
  - Rural Lands – Ongoing
  - Regulatory – Ongoing
  - Community - Ongoing

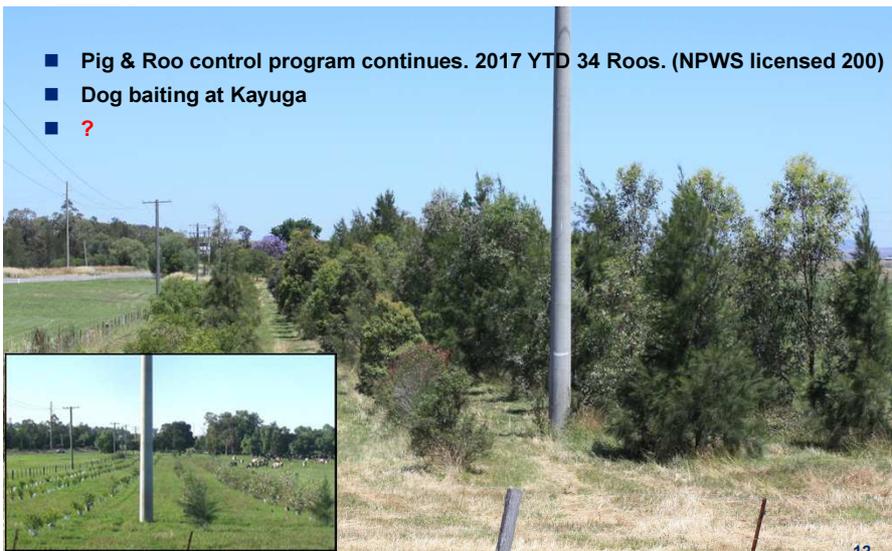
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## DARTBROOK CARE & MAINTENANCE – Rural Lands

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- Pig & Roo control program continues. 2017 YTD 34 Roos. (NPWS licensed 200)
- Dog baiting at Kayuga
- ?

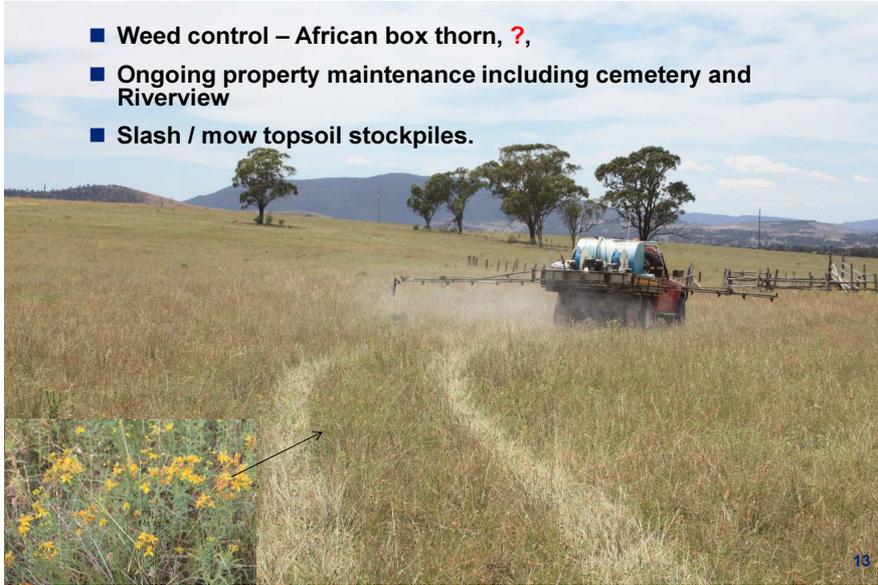


2011

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**DARTBROOK CARE & MAINTENANCE – Rural**

- Weed control – African box thorn, ?,
- Ongoing property maintenance including cemetery and Riverview
- Slash / mow topsoil stockpiles.



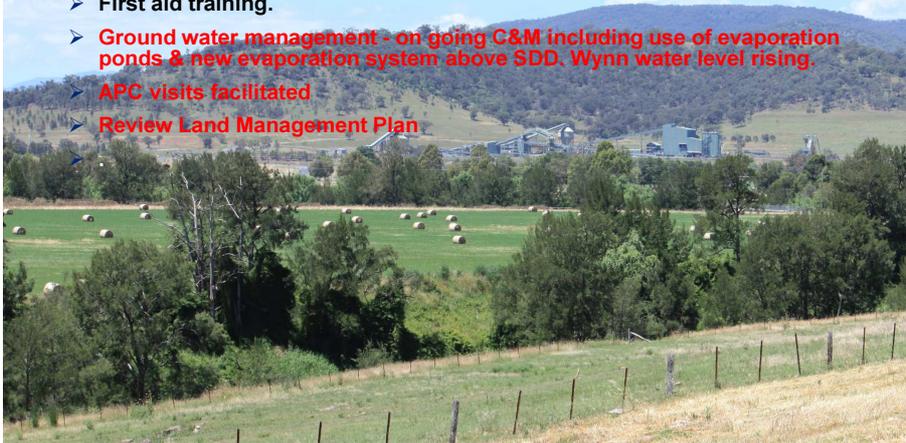
**DARTBROOK CARE & MAINTENANCE – Care and Maintenance**

- Rubbish at Dartbrook and Blairmore Roads

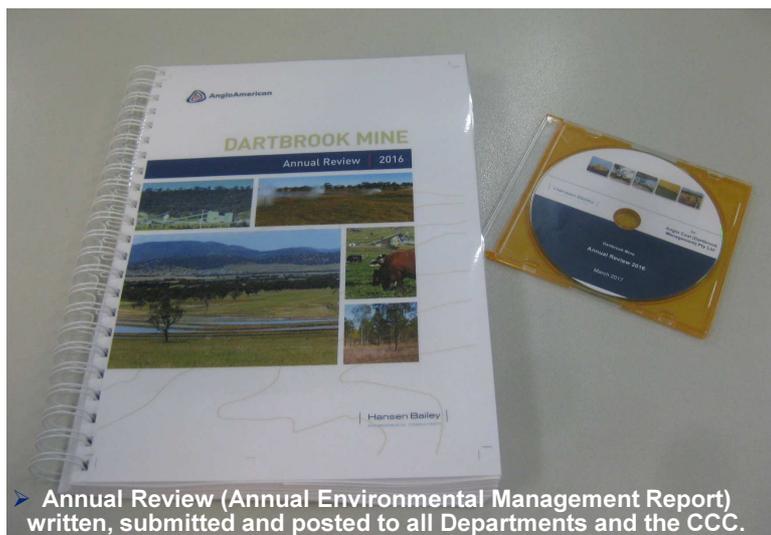


**DARTBROOK CARE & MAINTENANCE – Regulatory**

- EPA new premises plan submitted to suit reviewed EPL.
- DPI – Water visit and install upgraded comms (radio to phone).
- First aid training.
- Ground water management - on going C&M including use of evaporation ponds & new evaporation system above SDD. Wynn water level rising.
- APC visits facilitated
- Review Land Management Plan



**DARTBROOK CARE & MAINTENANCE – Regulatory**



- Annual Review (Annual Environmental Management Report) written, submitted and posted to all Departments and the CCC.

**DARTBROOK CARE & MAINTENANCE – Regulatory ICA**

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**In the pipeline with DPE**

- Flora and Fauna Management Plan
- Waste MP
- Environmental Management Strategy
- Spontaneous Combustion MP

**Currently being reviewed -**

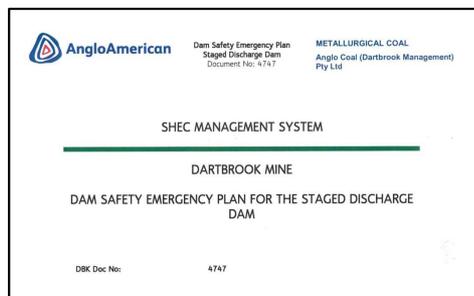
- Land Management MP
- Soil Stripping MP

**DARTBROOK CARE & MAINTENANCE – Regulatory ICA**

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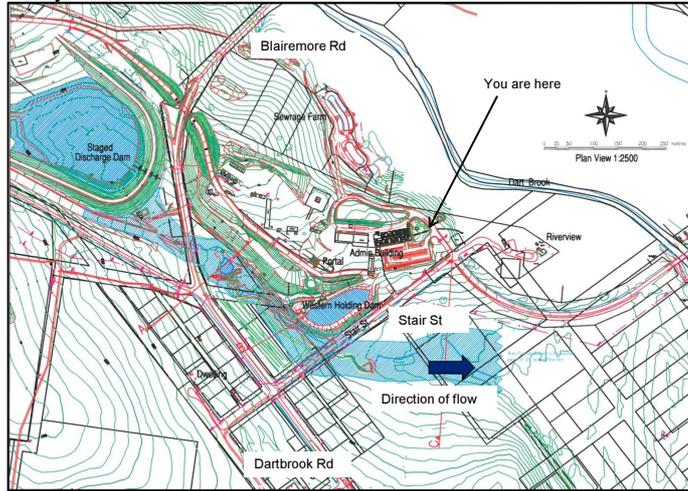
**Dam Safety Committee – Dam Safety Emergency Plan showing**

- Potential Dam failure
- Notification flowchart including MSC, UHSC and neighbours
- Dartbrook’s Emergency response plan



**Dam Safety Committee – Dam Safety Emergency Plan**

➤ **Site Layout**



30<sup>th</sup> January 2017



April 2017



17<sup>th</sup> February 2017

**Scar tree shelter finally completed in Simpson Park.**



 m Dartbrook Mine Site.

...ed the greater Muswellbrook area  
...nce of their occupation can be found  
...umerous Aboriginal archaeological  
...nd recorded. Major site types for this  
...rockshelters, scarred trees and  
...ese sites attest to the widespread use  
...al people and are of cultural significance  
...who are the owners of this land.

...ed in 1992 as part of the Dartbrook  
...ct. A mature yellowbox (Eucalyptus  
...wo potential cultural scars and was  
...and approximately 250 metres south  
...st of Aberdeen township. The tree was  
...as a preservation and protection  
...o share with the general community.

...ave scars associated with the  
...ents, such as coolamons, shields and  
...carries, the construction of temporary shelters and traditional hunting  
...techniques (i.e., the cutting of toe holds). Trees were also sometimes  
...carved or decorated. Bark was removed from tree trunks using stone  
...or steel axes, exposing the sapwood, and leaving scars of various sizes.

*This Scarred Tree was salvaged under approval by the  
NSW State Government and is protected under the  
provisions of the National Parks and Wildlife act 1974*

**Consult with neighbour MACH Energy re**

- **Noise and Dust reporting Protocol.**
- **Borehole rehabilitation plans**
- **Access agreements for retrieval of monitoring samples from gauges on their properties.**

#### ACTIONS FROM THE PREVIOUS MINUTES

- A representative of the DRE be invited to the next CCC re the required security deposit. – New DRE rep appointed (Marianne Bonnay) very recently. To try later when more familiar with the site.
- A Dartbrook representative be invited to explain the serviceability of Dartbrook's existing infrastructure - Final stages of the sale imminent. APC still determining the condition of the infrastructure. Staff also not available due to leave and workload. Commercial in confidence.

#### OTHER GENERAL BUSINESS

- **Committee Members**
- **Next Meeting & Communication.**

**2017 Meeting dates**

January							February							March							April						
S	M	T	W	Th	F	S	S	M	T	W	Th	F	S	S	M	T	W	Th	F	S	S	M	T	W	Th	F	S
1	2	3	4	5	6	7			1	2	3	4			1	2	3	4							1		
8	9	10	11	12	13	14	5	6	7	8	9	10	11	5	6	7	8	9	10	11	2	3	4	5	6	7	8
15	16	17	18	19	20	21	12	13	14	15	16	17	18	12	13	14	15	16	17	18	9	10	11	12	13	14	15
22	23	24	25	26	27	28	19	20	21	22	23	24	25	19	20	21	22	23	24	25	16	17	18	19	20	21	22
29	30	31	26	27	28	26	27	28	29	30	31	23	24	25	26	27	28	29	30								

Good Friday

May							June							July							August						
S	M	T	W	Th	F	S	S	M	T	W	Th	F	S	S	M	T	W	Th	F	S	S	M	T	W	Th	F	S
	1	2	3	4	5	6				1	2	3						1			1	2	3	4	5		
7	8	9	10	11	12	13	4	5	6	7	8	9	10	2	3	4	5	6	7	8	6	7	8	9	10	11	12
14	15	16	17	18	19	20	11	12	13	14	15	16	17	9	10	11	12	13	14	15	13	14	15	16	17	18	19
21	22	23	24	25	26	27	18	19	20	21	22	23	24	16	17	18	19	20	21	22	20	21	22	23	24	25	26
28	29	30	31	25	26	27	28	29	30	23	24	25	26	27	28	29	27	28	29	30	31						
														30	31												

September							October							November							December							
S	M	T	W	Th	F	S	S	M	T	W	Th	F	S	S	M	T	W	Th	F	S	S	M	T	W	Th	F	S	
					1	2	1	2	3	4	5	6	7				1	2	3	4							1	2
3	4	5	6	7	8	9	8	9	10	11	12	13	14	5	6	7	8	9	10	11	3	4	5	6	7	8	9	
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24	25	26	27	28	29	30	29	30	31	26	27	28	29	30	24	25	26	27	28	29	30	31						

**THANK  
YOU**