



Real Mining. Real People. Real Difference.

DARTBROOK COMMUNITY CONSULTATIVE COMMITTEE

25 May 2016

A faint, light-colored topographic map outline is visible in the background, showing various contour lines and geographical features.

CONFIDENTIAL

AGENDA

1 Organising the Independent

**Chairperson & Opening, Safety Share
and Apologies: Paul Smith**

2 Declaration of Pecuniary Interest

3 Correspondence – including ownership

4 Confirmation of previous Minutes

5 Business Arising

6 Complaints Summary

7 Incidents – Nil

8 General Business

- Environmental Monitoring
- Exploration Programme
- Current & Ongoing issues incl
Annual Review
- Action from previous minutes

9 Other Business

- Other

10 Next Meeting

11 Meeting Close

GENERAL BUSINESS - MONITORING

- **Rehabilitation & Biodiversity – satisfactory & carried out monthly**

- **High Volume Air Sampling**

- **Dust Deposition**

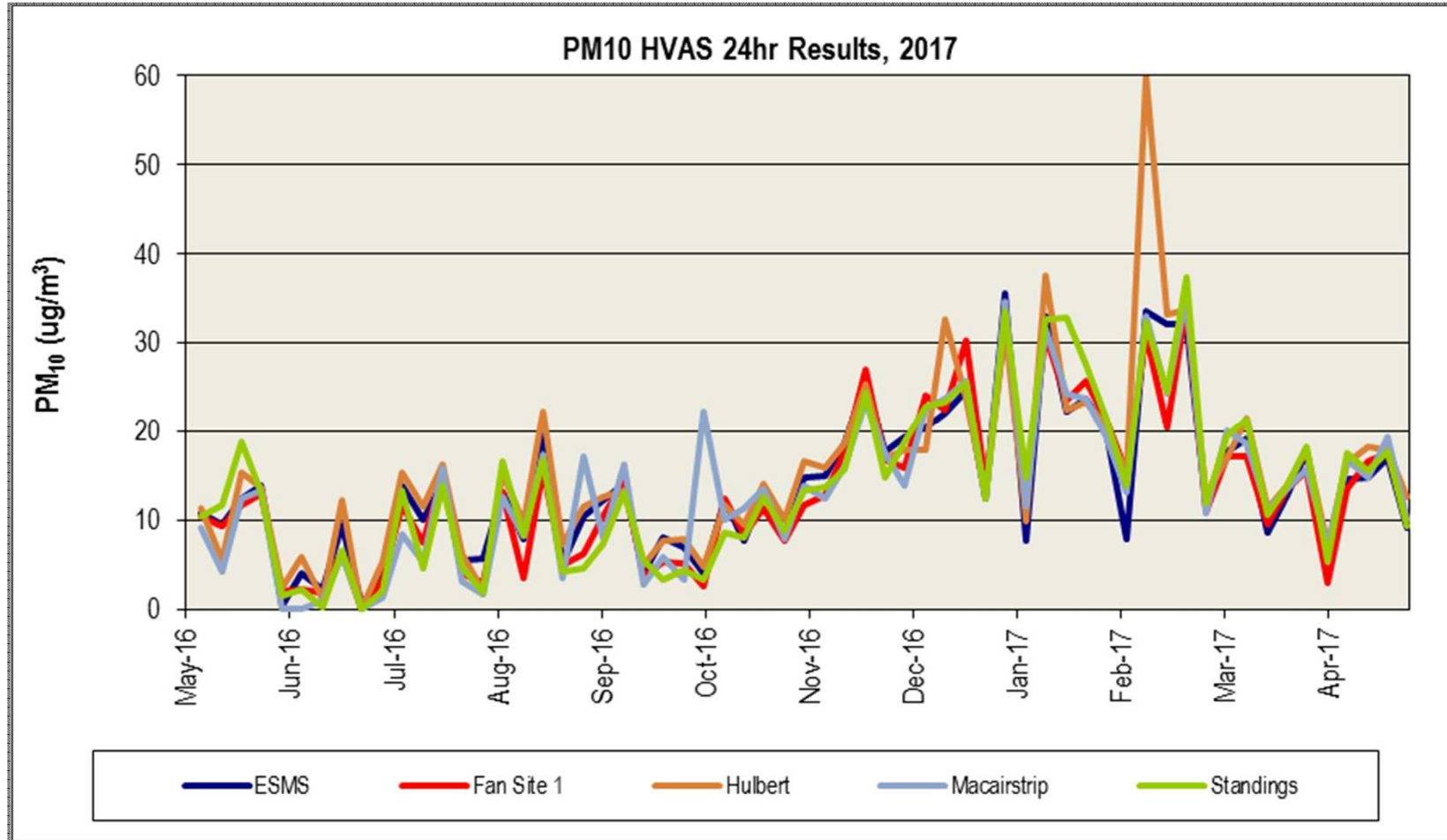
- **Dust Isopleth**

- **Surface Water – Hunter River Salinity**

- **Surface Water – Dart Brook Salinity**

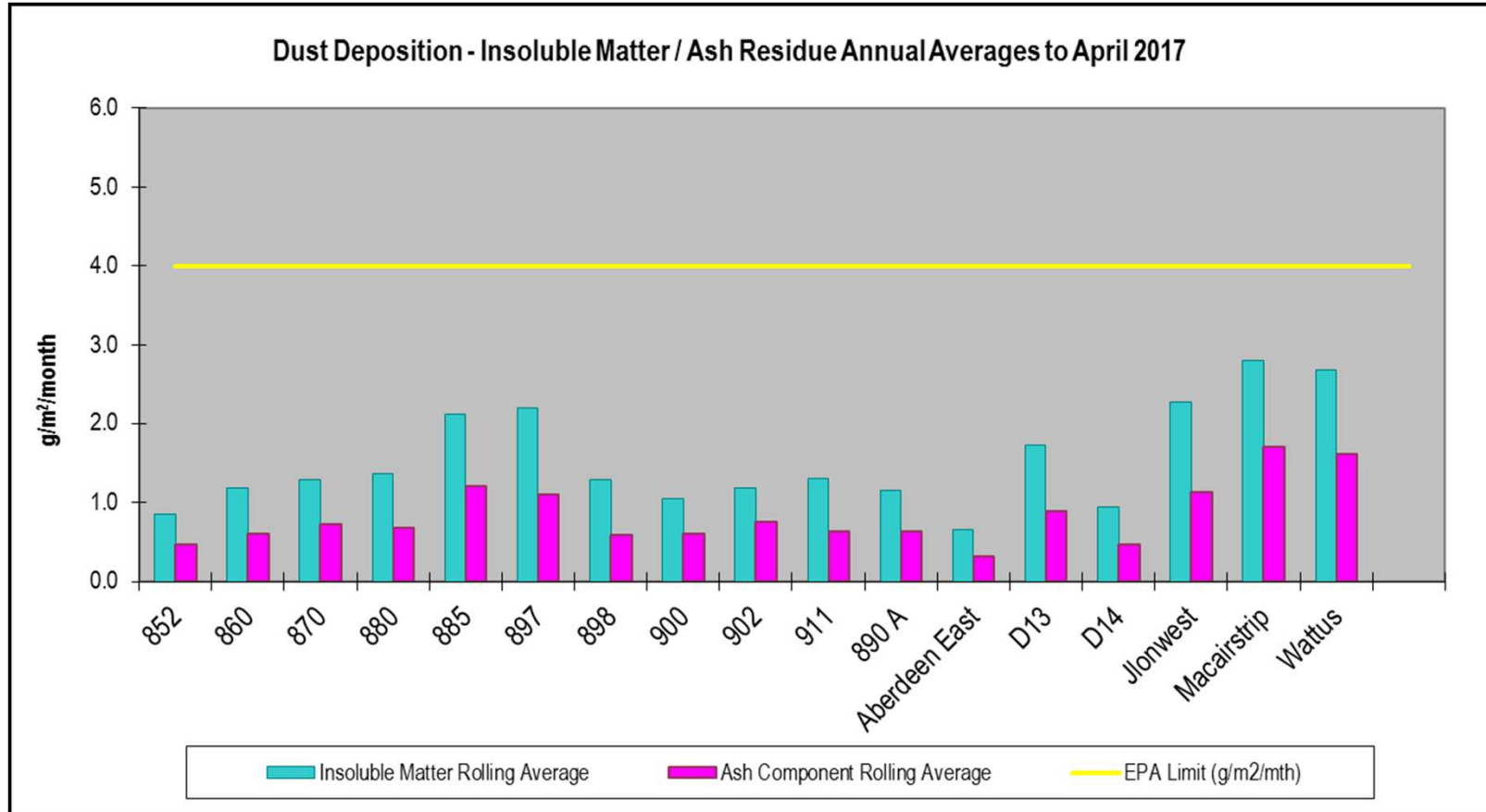
- **Rainfall**

2016-17 HIGH VOLUME AIR SAMPLER DUST MONITORING



PM₁₀ (Particulate Matter <10µm) NEPC guideline limit is 50ug/m³

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/m²/month at all sites

DUST ISOPLETH FOR THE ANNUAL AVERAGE INCLUDING APRIL 2017

60343417 9/05/17 LI www.aecom.com

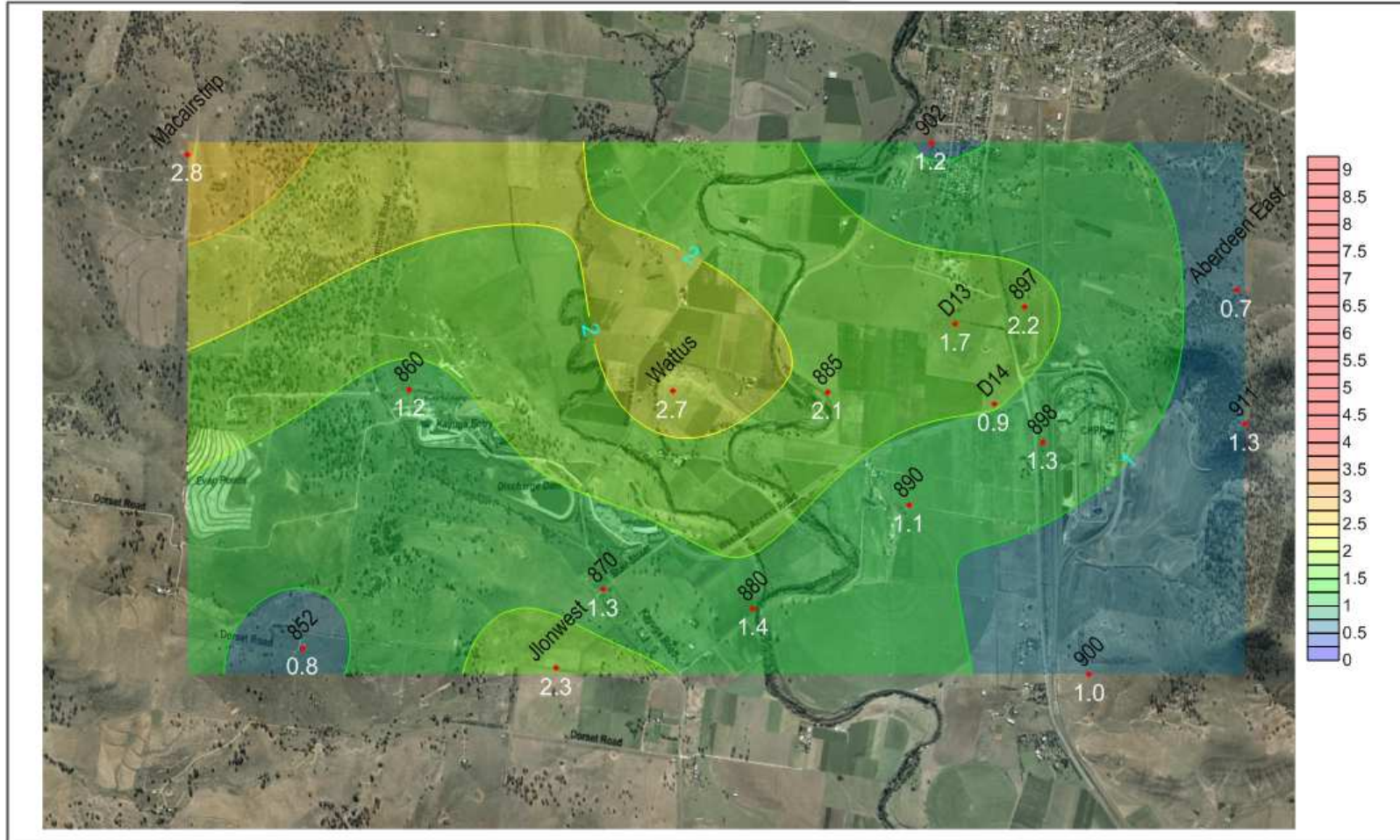
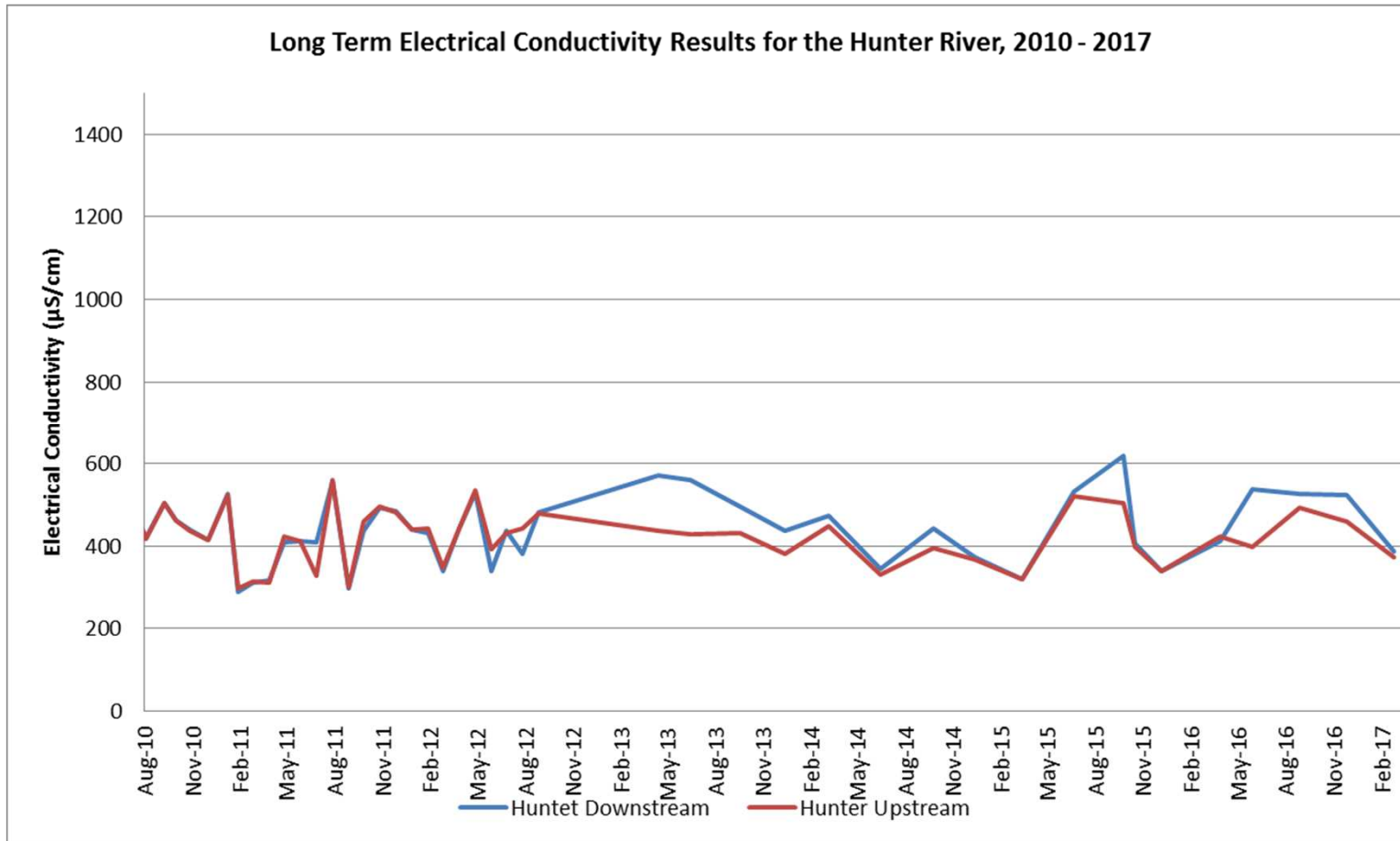


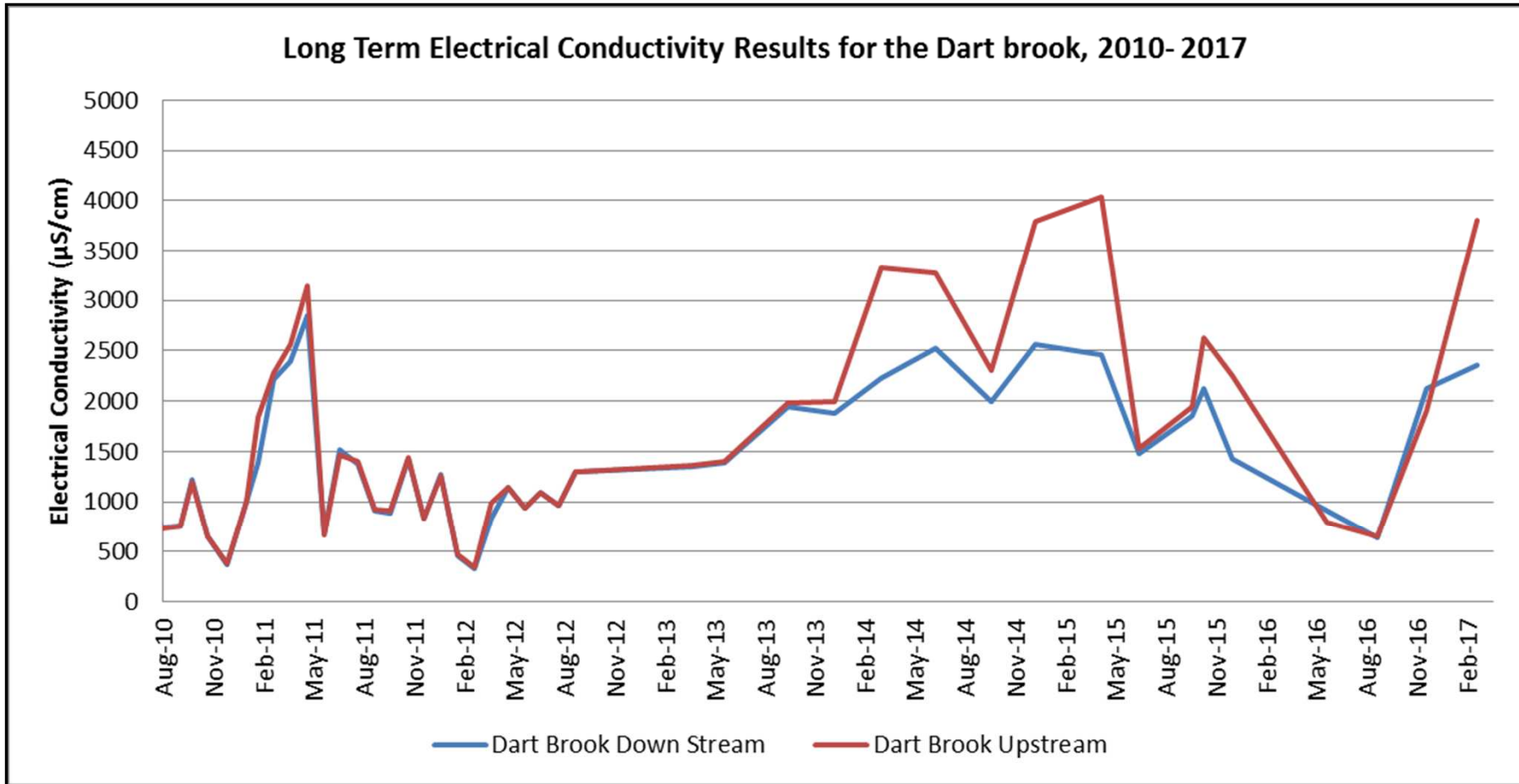
Figure 2 Depositional Dust Contours - Rolling Annual Average, April 2017
 Anglo Coal - Dartbrook
 Monthly Environmental Monitoring Report
 Aberdeen NSW

SURFACE WATER SALINITY – HUNTER RIVER



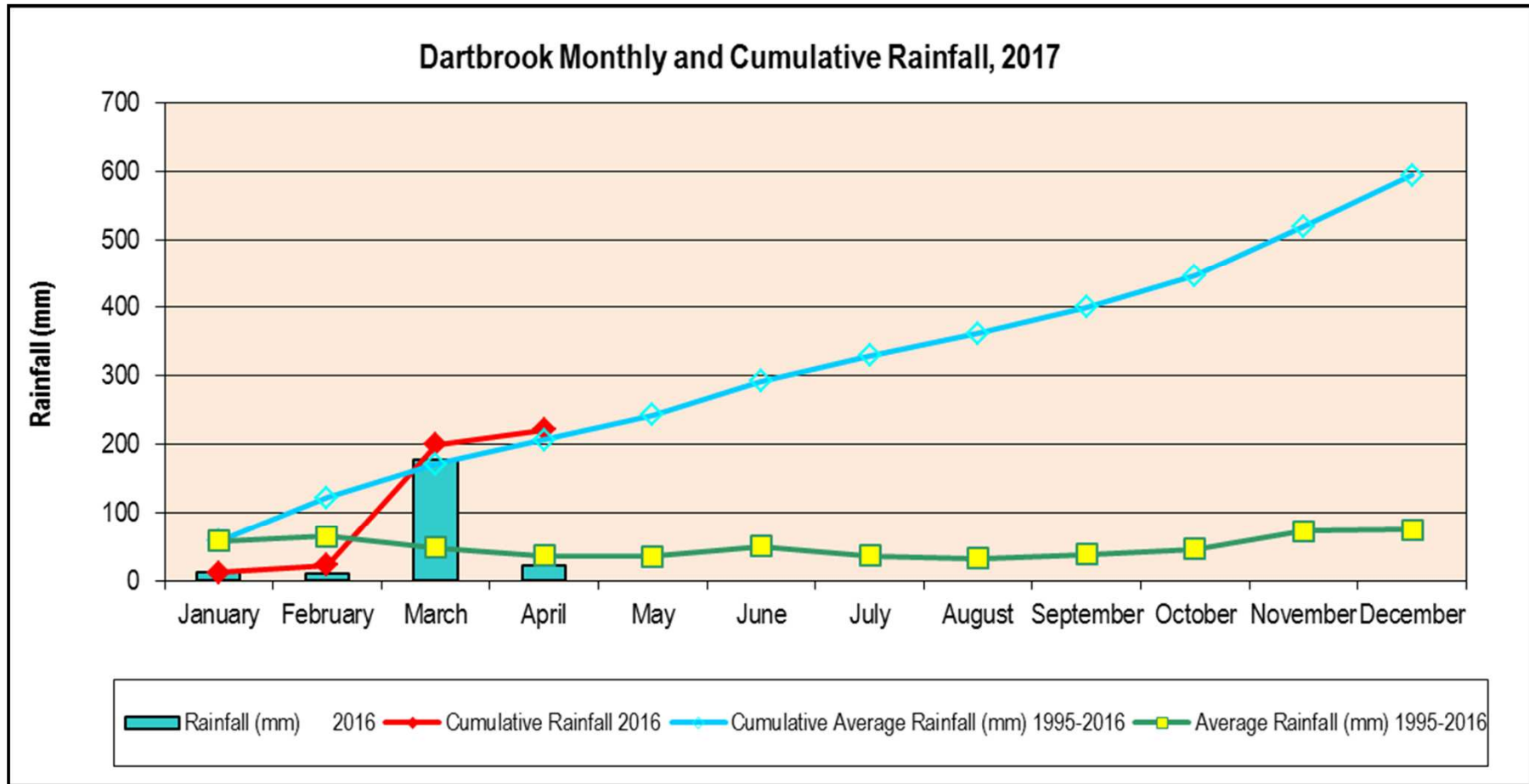
- Electrical Conductivity – note reducing difference between Hunter River monitoring sites upstream and downstream of the Mine.

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 = 690.6 mm

Dartbrook average yearly = 586 mm

GENERAL BUSINESS - DARTBROOK ACTIVITIES

- **Sale progressing**

- **Exploration – pending.**

- **Projects – pending.**

- **Care and Maintenance**
 - Rural Lands – Ongoing
 - Regulatory – Ongoing
 - Community - Ongoing

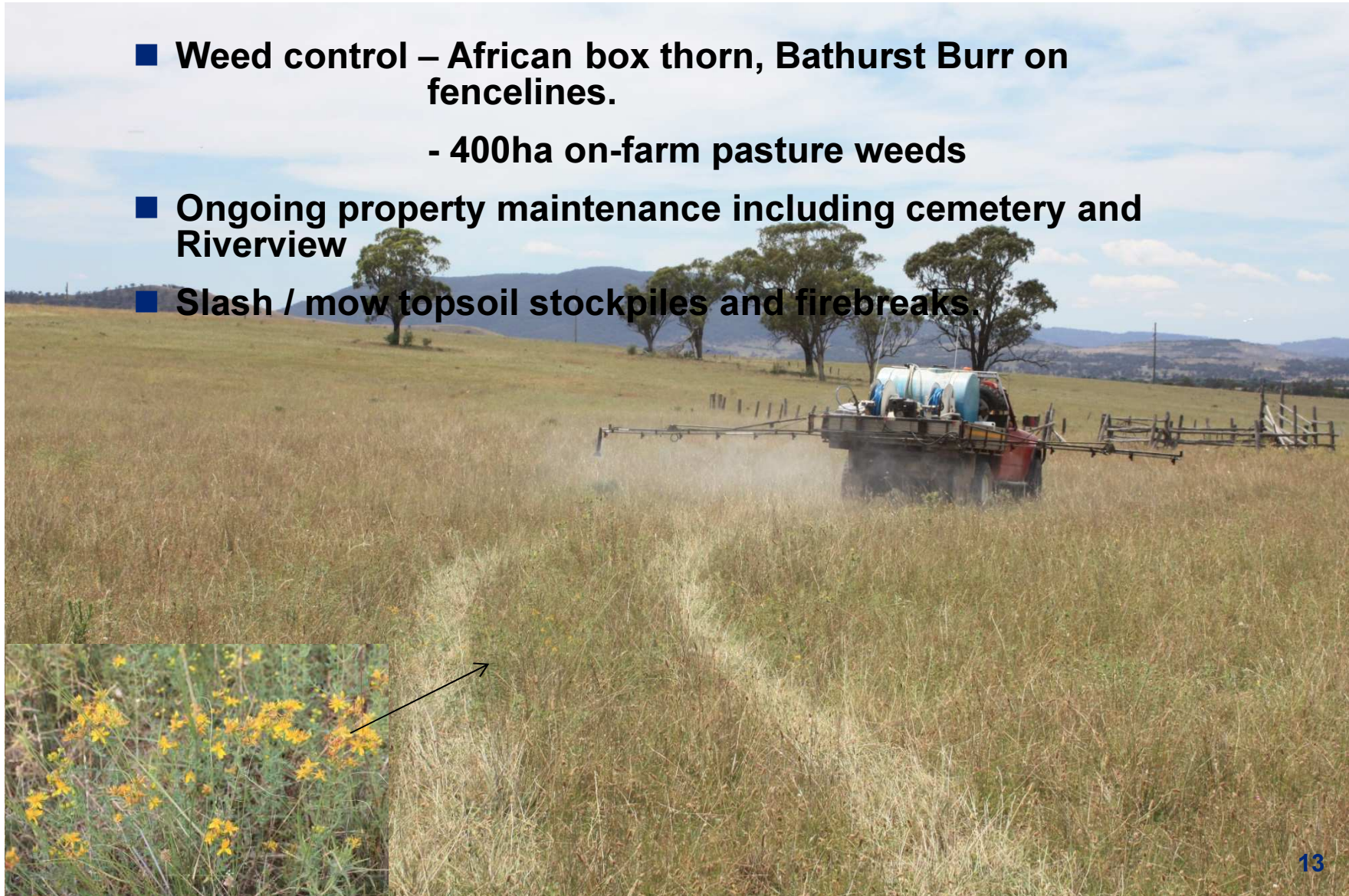
DARTBROOK CARE & MAINTENANCE – Rural Lands

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



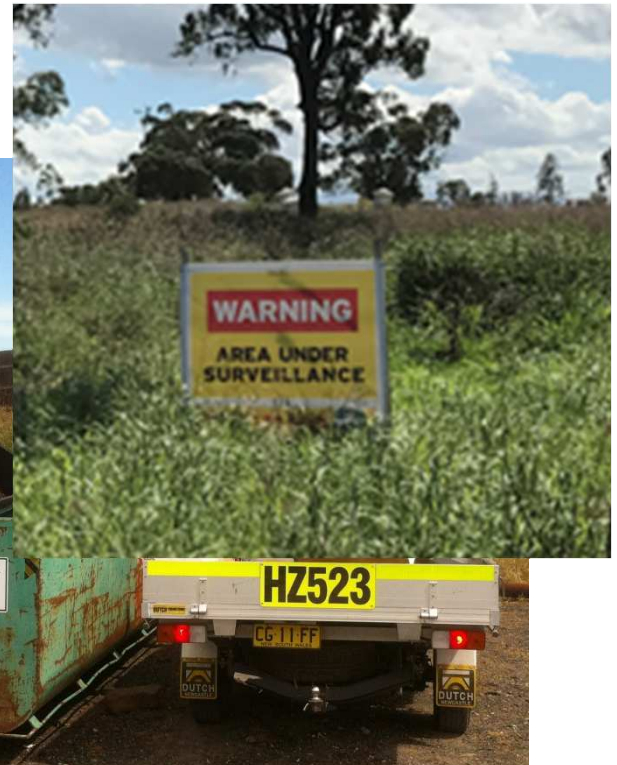
DARTBROOK CARE & MAINTENANCE – Rural

- **Weed control – African box thorn, Bathurst Burr on fencelines.**
 - 400ha on-farm pasture weeds
- **Ongoing property maintenance including cemetery and Riverview**
- **Slash / mow topsoil stockpiles and firebreaks.**



DARTBROOK CARE & MAINTENANCE – Care and Maintenance

➤ **Rubbish at Dartbrook and Blairmore Roads**

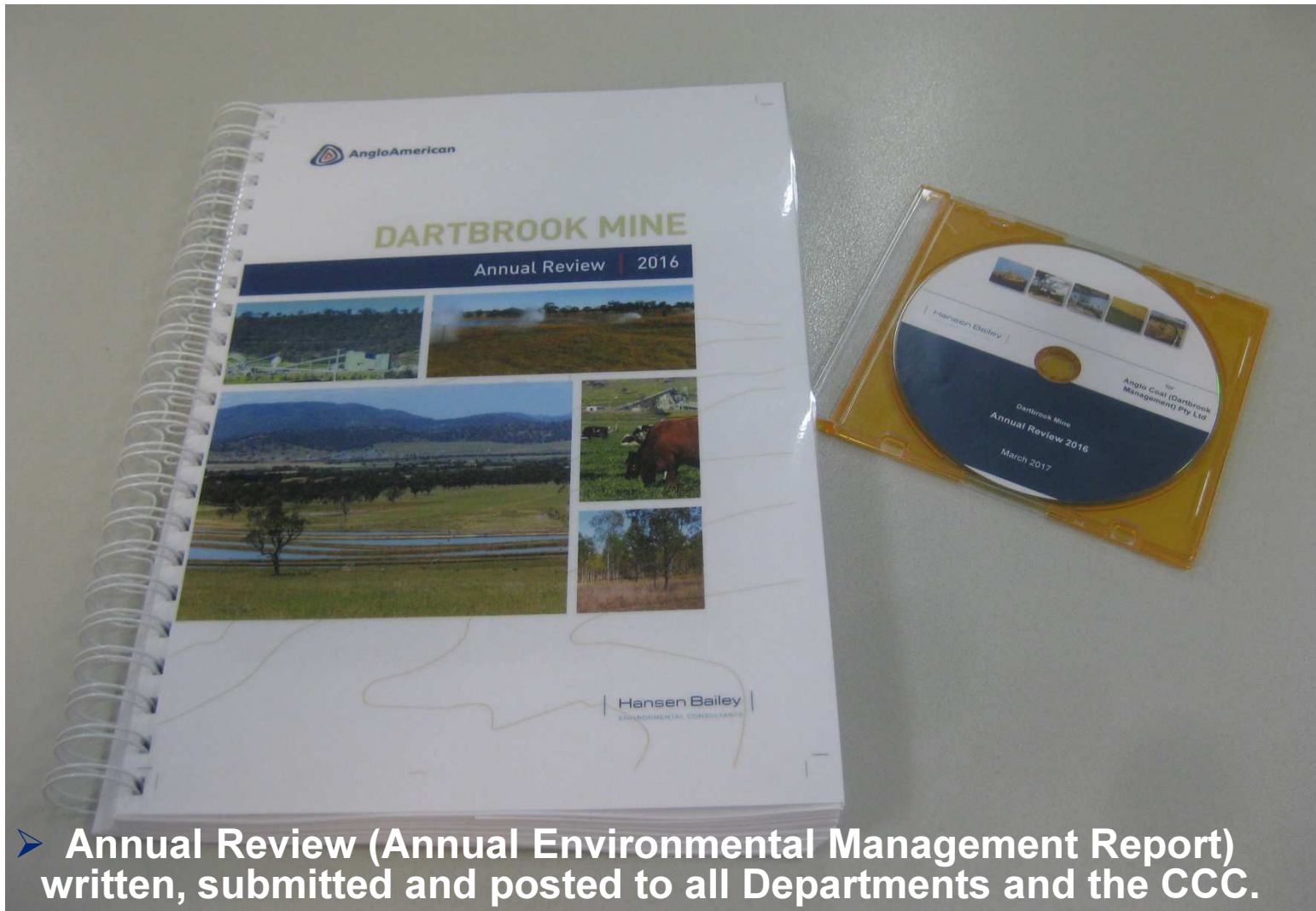


DARTBROOK CARE & MAINTENANCE – Regulatory

- **EPA new premises plan submitted to suit reviewed EPL.**
- **DPI – Water visit and install upgraded comms (from 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 static.**
- **APC visits facilitated**
- **Review Land Management Plan**
-

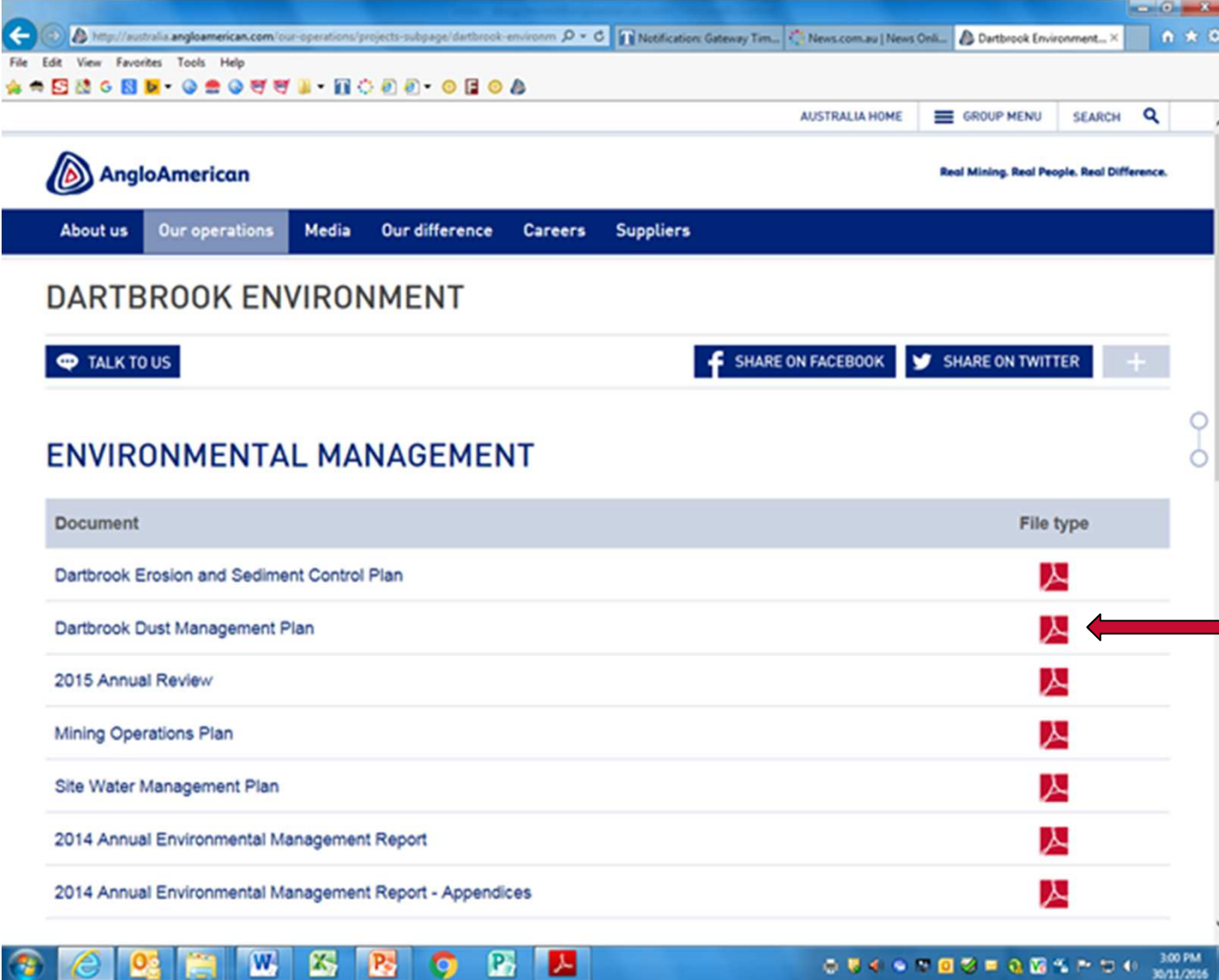


DARTBROOK CARE & MAINTENANCE – Regulatory










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

DARTBROOK CARE & MAINTENANCE – Regulatory ICA



The screenshot shows the AngloAmerican website's 'DARTBROOK ENVIRONMENT' page. The page features a navigation menu with 'About us', 'Our operations', 'Media', 'Our difference', 'Careers', and 'Suppliers'. Below the navigation, there is a 'TALK TO US' button and social media sharing options for Facebook and Twitter. The main content area is titled 'ENVIRONMENTAL MANAGEMENT' and contains a table of documents. A red arrow points to the 'Dartbrook Dust Management Plan' document in the table.

Document	File type
Dartbrook Erosion and Sediment Control Plan	
Dartbrook Dust Management Plan	
2015 Annual Review	
Mining Operations Plan	
Site Water Management Plan	
2014 Annual Environmental Management Report	
2014 Annual Environmental Management Report - Appendices	

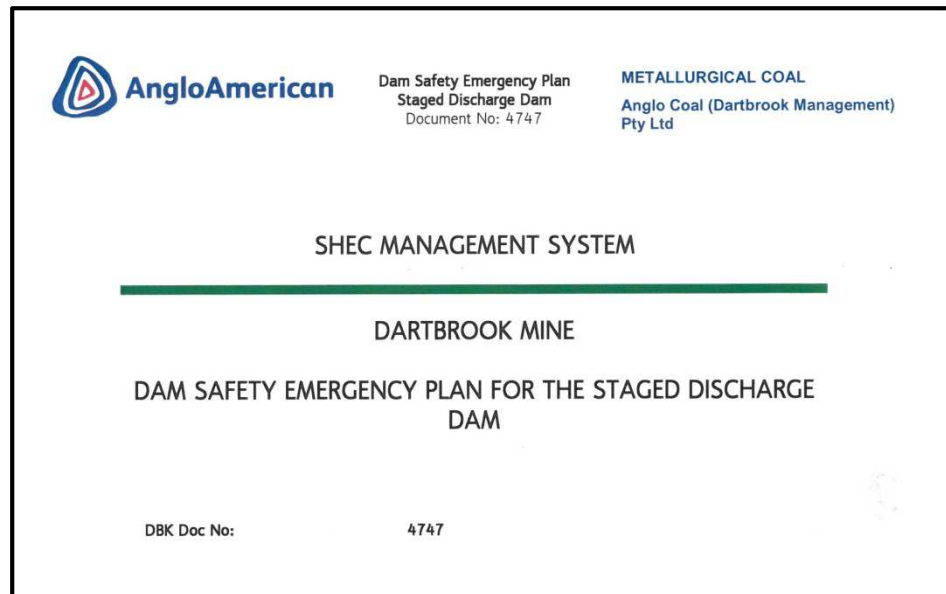
In the pipeline with DPE

- Flora and Fauna Management Plan
- Waste MP
- Environmental Management Strategy
- Spontaneous Combustion MP
- **Land Management MP**
- **Soil Stripping MP**

DARTBROOK CARE & MAINTENANCE – Regulatory ICA

Dam Safety Committee – Dam Safety Emergency Plan showing

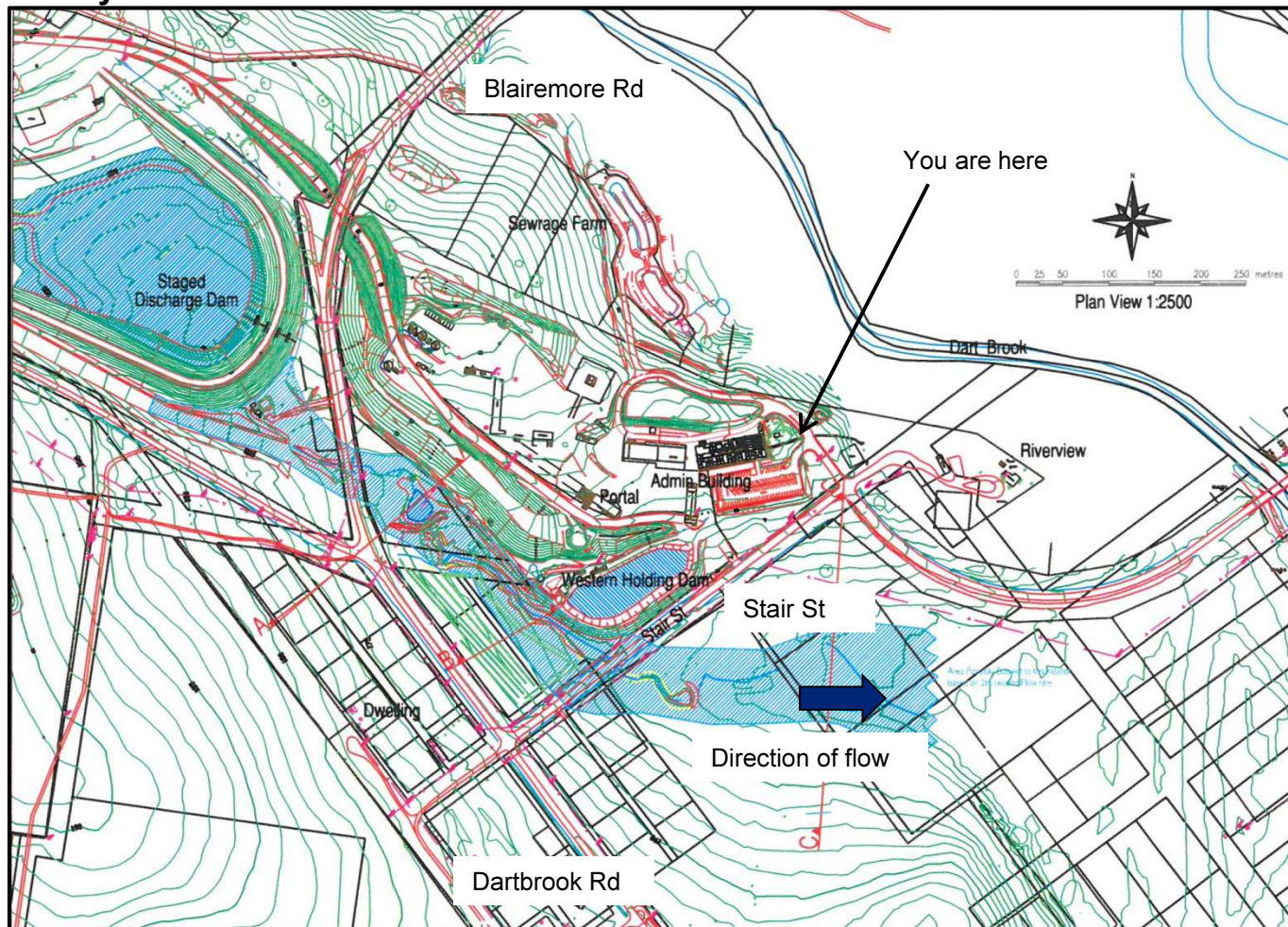
- **Potential Dam failure**
- **Notification flowchart including MSC, UHSC and neighbours**
- **Dartbrook's Emergency response plan**



DARTBROOK CARE & MAINTENANCE – Regulatory ICA

Dam Safety Committee – Dam Safety Emergency Plan

➤ Site Layout



DARTBROOK CARE & MAINTENANCE – Recent fires



30th January 2017



17th February 2017



April 2017



DARTBROOK CARE & MAINTENANCE – Community

Scar tree shelter finally completed in Simpson Park.



AngloAmerican

m Dartbrook Mine Site.

...died 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
...ast 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

- CCC Chairperson appointment

OTHER GENERAL BUSINESS

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



2017 Meeting dates – 3 required

January

S	M	T	W	Th	F	S
1	2	3	4	5	6	7
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22	23	24	25	26	27	28
29	30	31				

February

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March

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Good Friday

May

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August

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September

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October

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15	16	17	18	19	20	21
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November

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December

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31						

**THANK
YOU**