



Real Mining. Real People. Real Difference.

DARTBROOK COMMUNITY CONSULTATIVE COMMITTEE

11 August 2015

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

CONFIDENTIAL

AGENDA

1 Opening and Apologies

2 Declaration of Pecuniary Interest

3 Correspondence

4 Confirmation of previous Minutes

5 Business Arising

6 Complaints Summary

7 General Business

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

8 Other Business

- EPA's Air Quality Monitoring network
- Other

9 Next Meeting

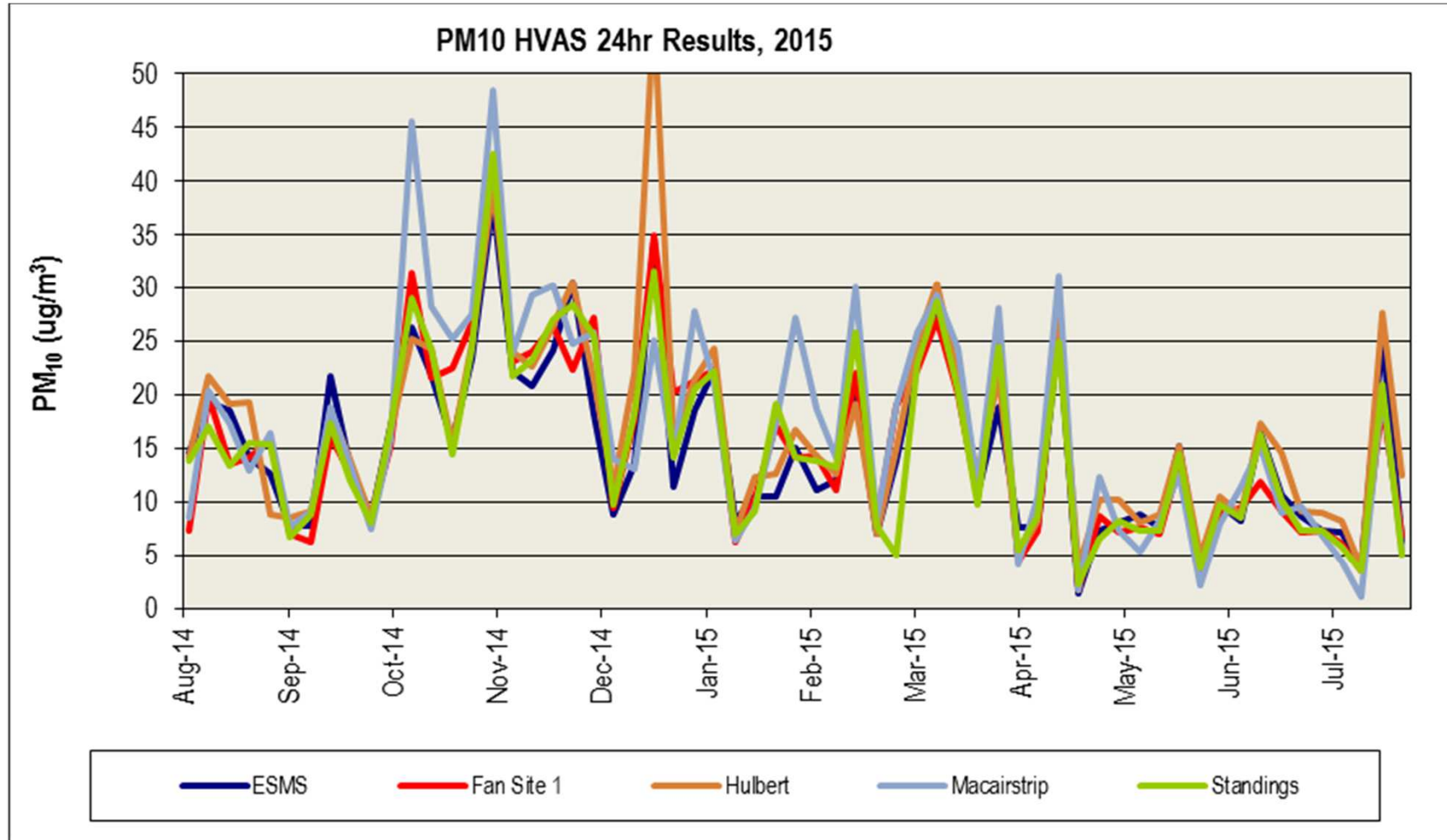
10 Meeting Close



GENERAL BUSINESS - MONITORING

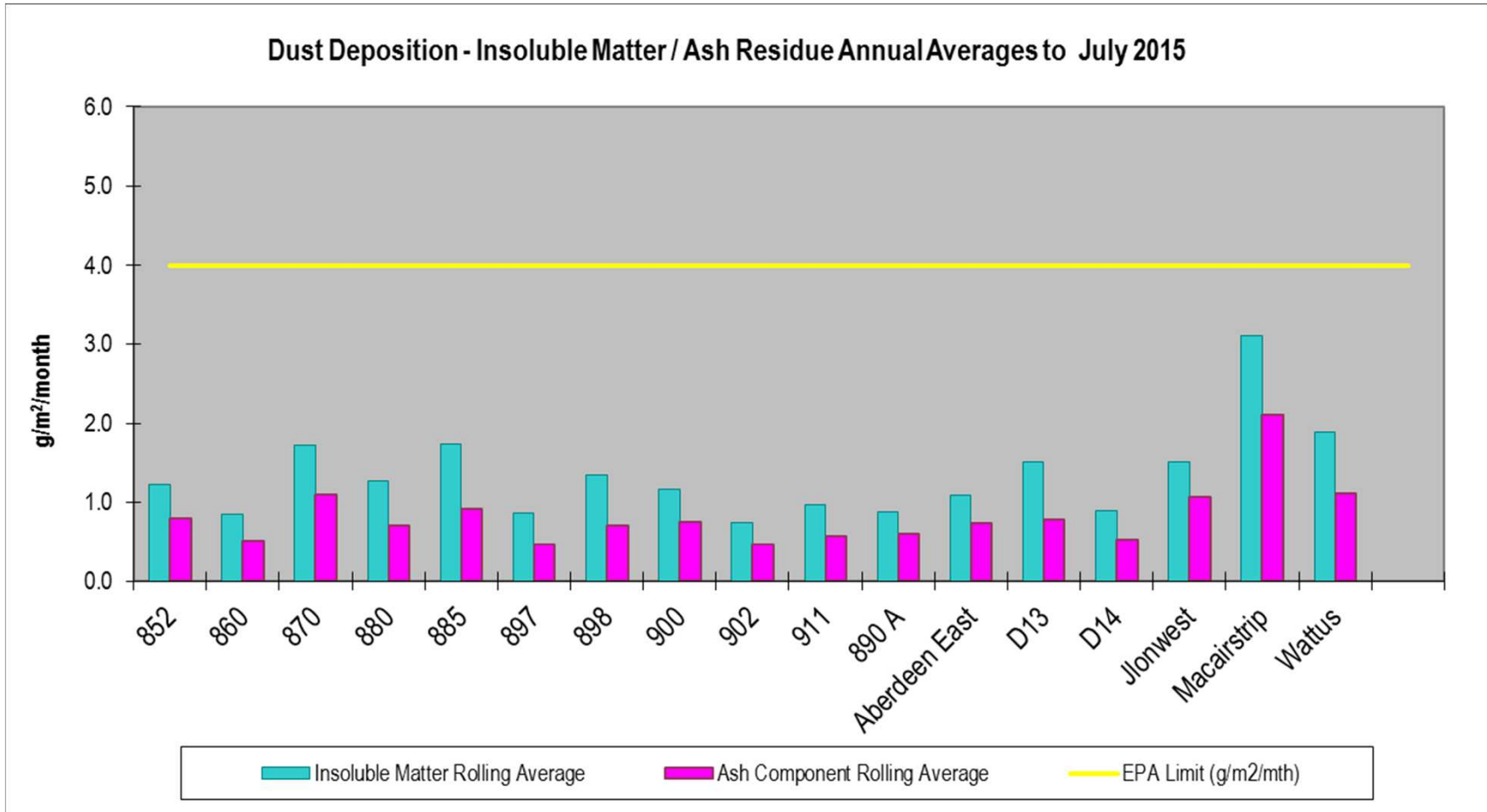
- **Rehabilitation & Biodiversity – completed**
- **High Volume Air Sampling**
- **Dust Deposition**
- **Dust Isopleth**
- **Surface Water – Hunter River Salinity**
- **Surface Water – Dart Brook Salinity**
- **Rainfall**

2015 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 JULY 2015

60343417 10/08/15 LJ www.aecom.com

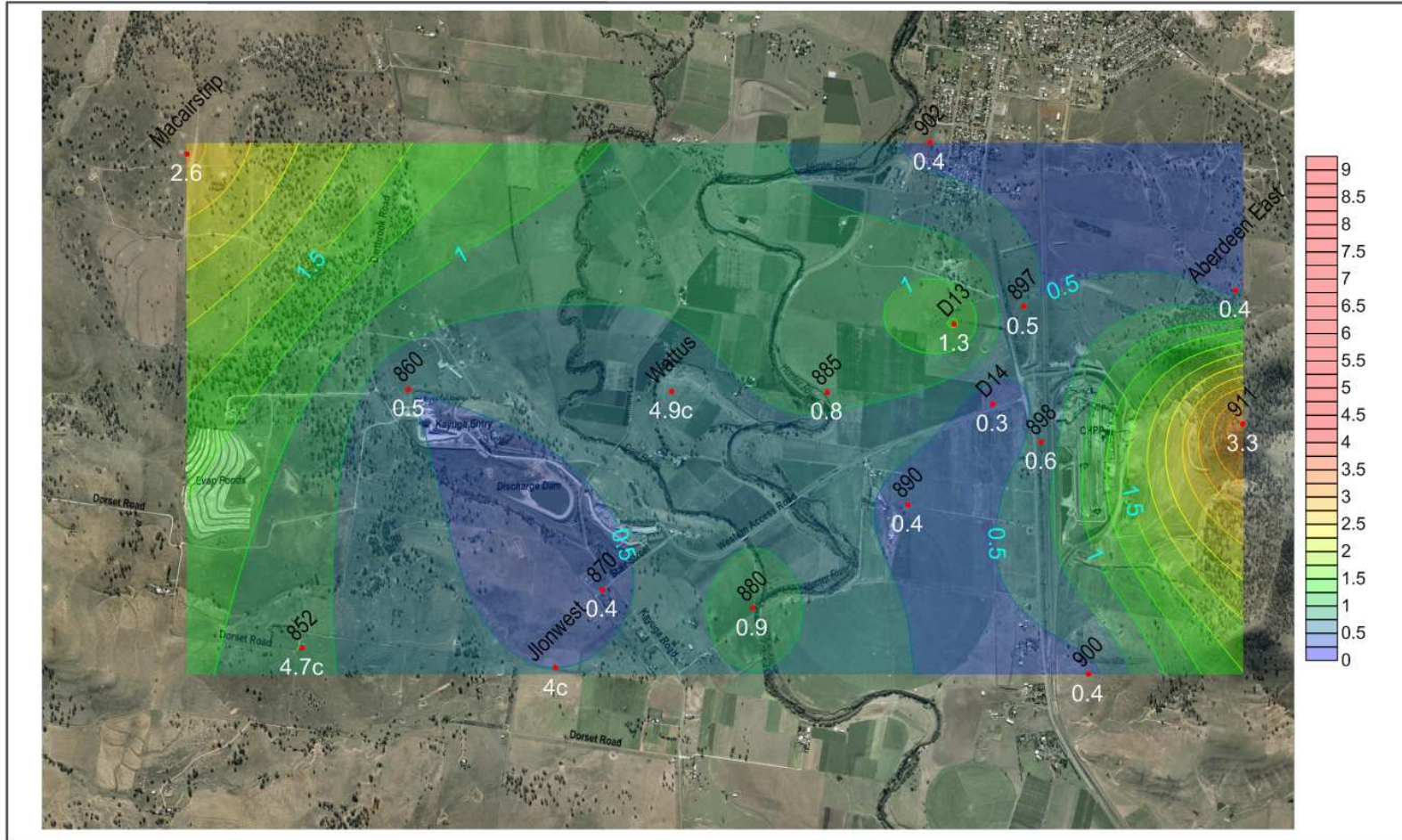


Figure 1 Depositional Dust Contours - July 2015

DUST ISOPLETH FOR ANNUAL AVERAGE JULY 2015

60343417 10/08/15 LI www.aecom.com

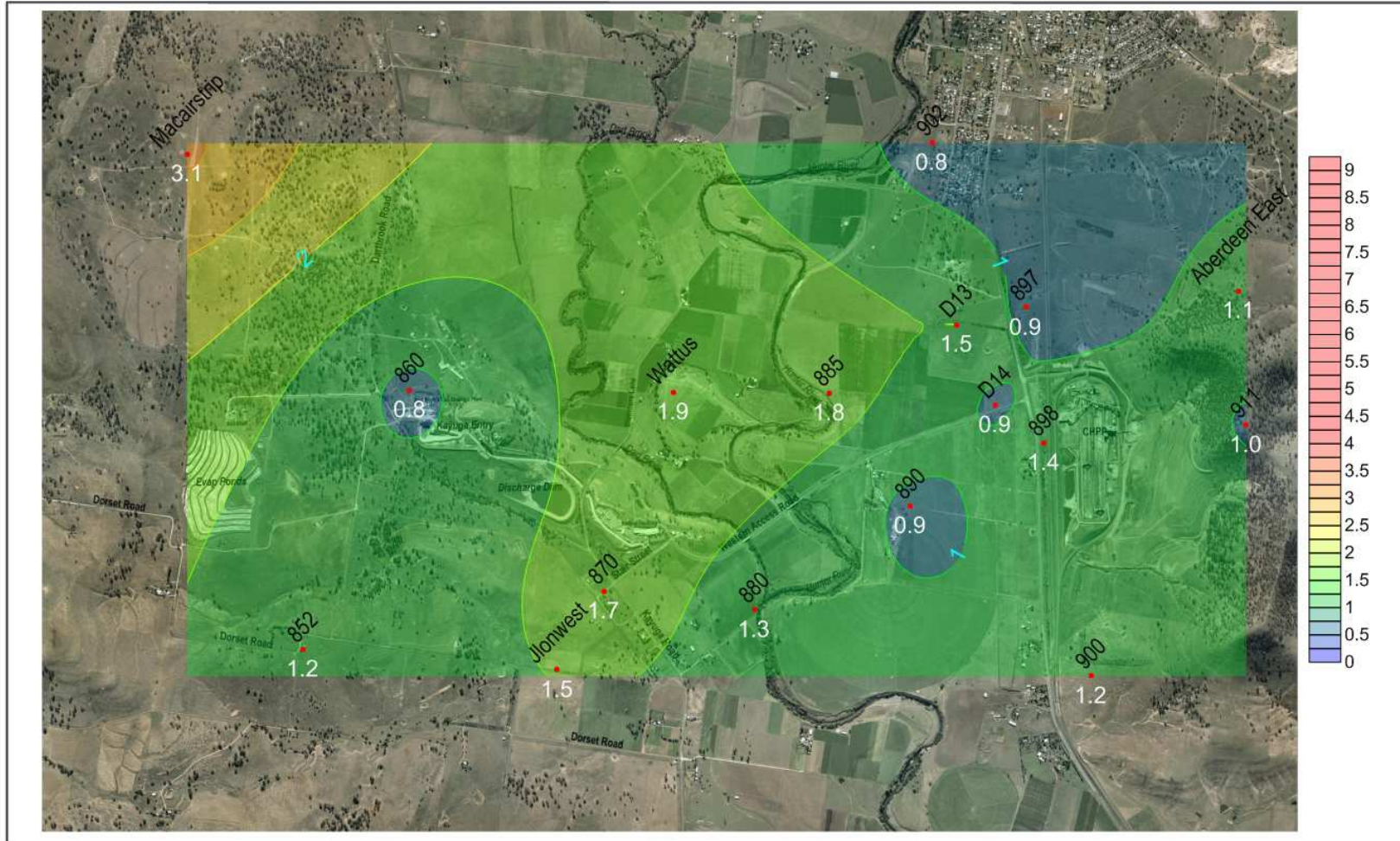
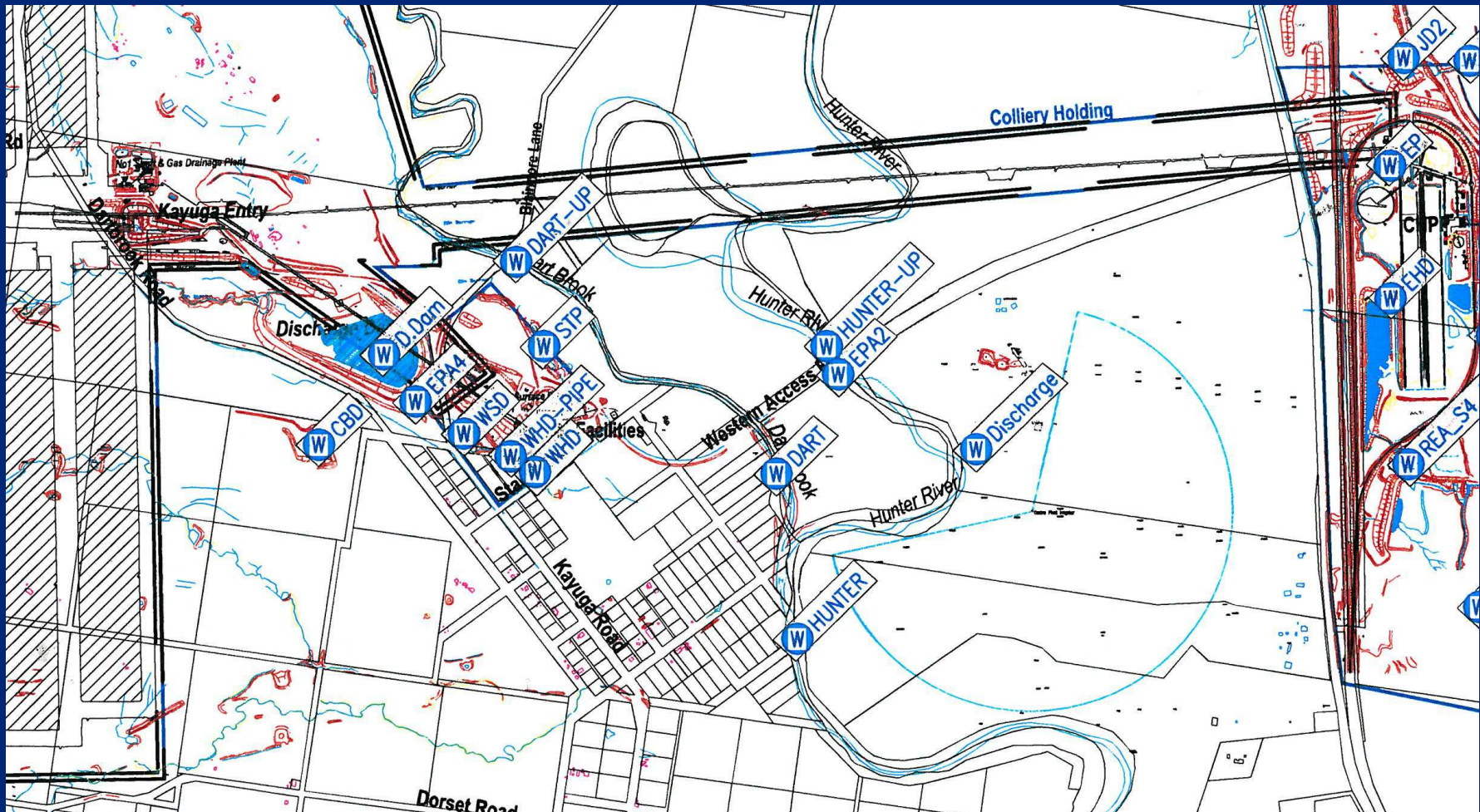
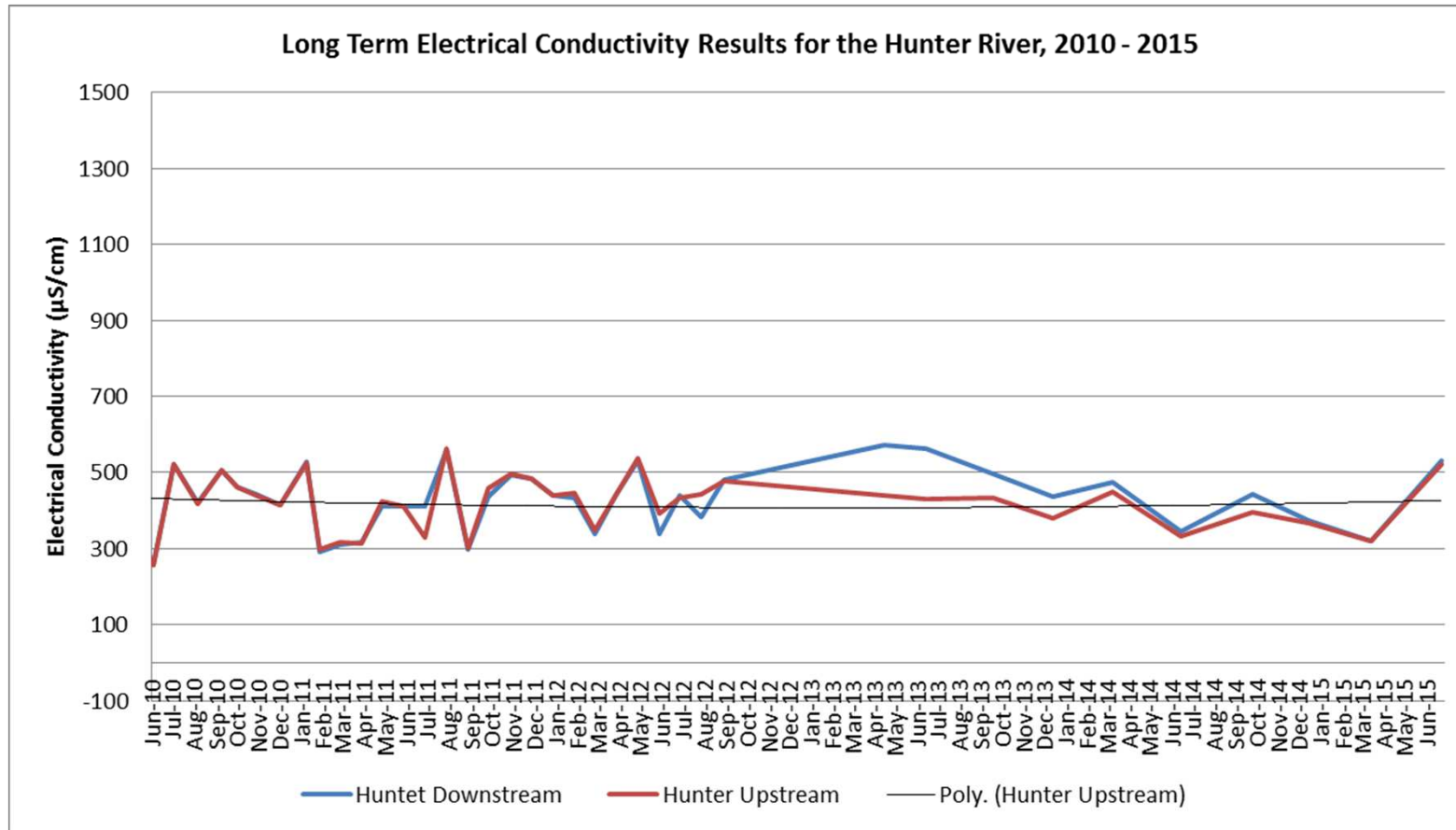


Figure 2 Depositional Dust Contours - Rolling Annual Average, July 2015

Surface water monitoring locations extract

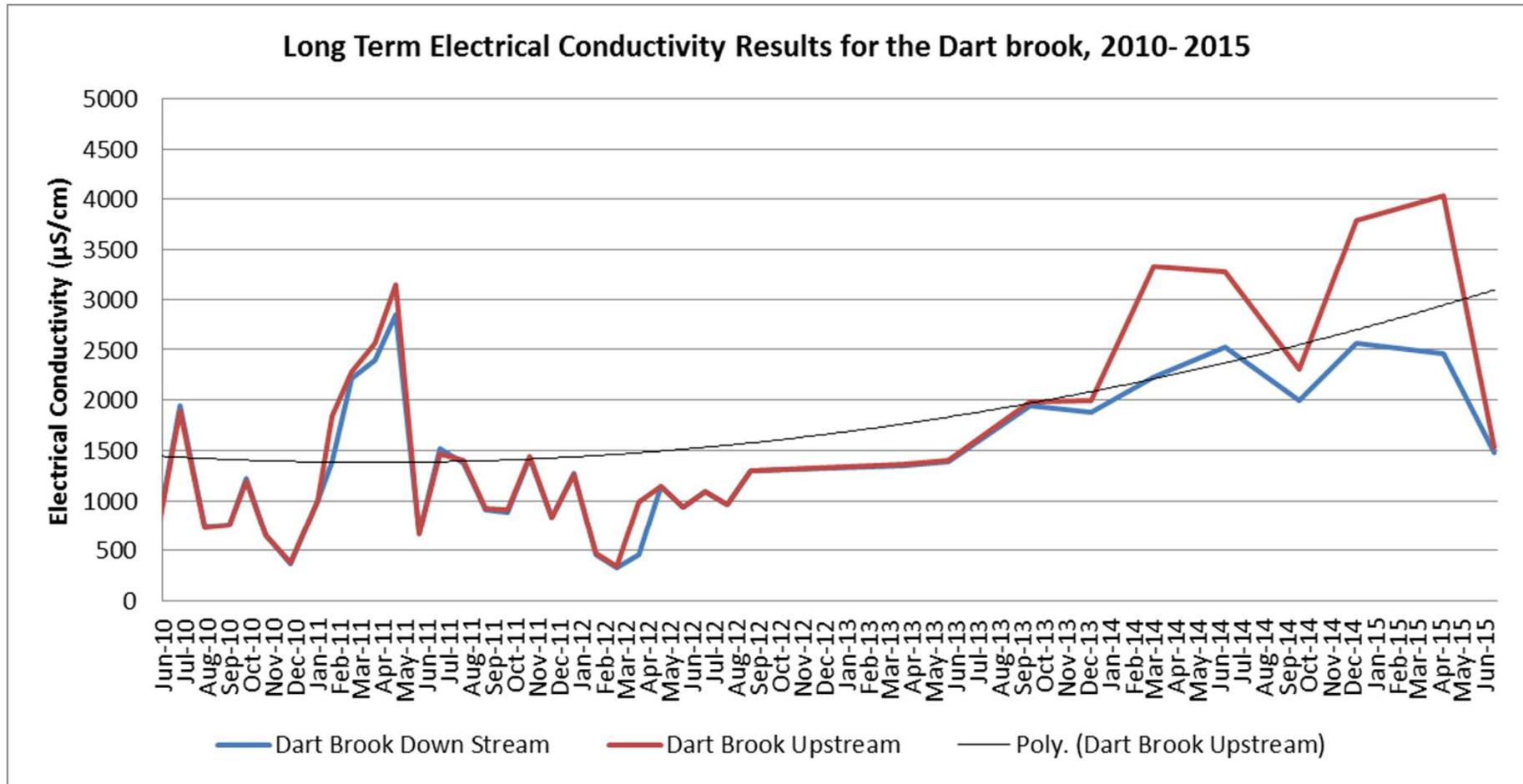


SURFACE WATER SALINITY – HUNTER RIVER



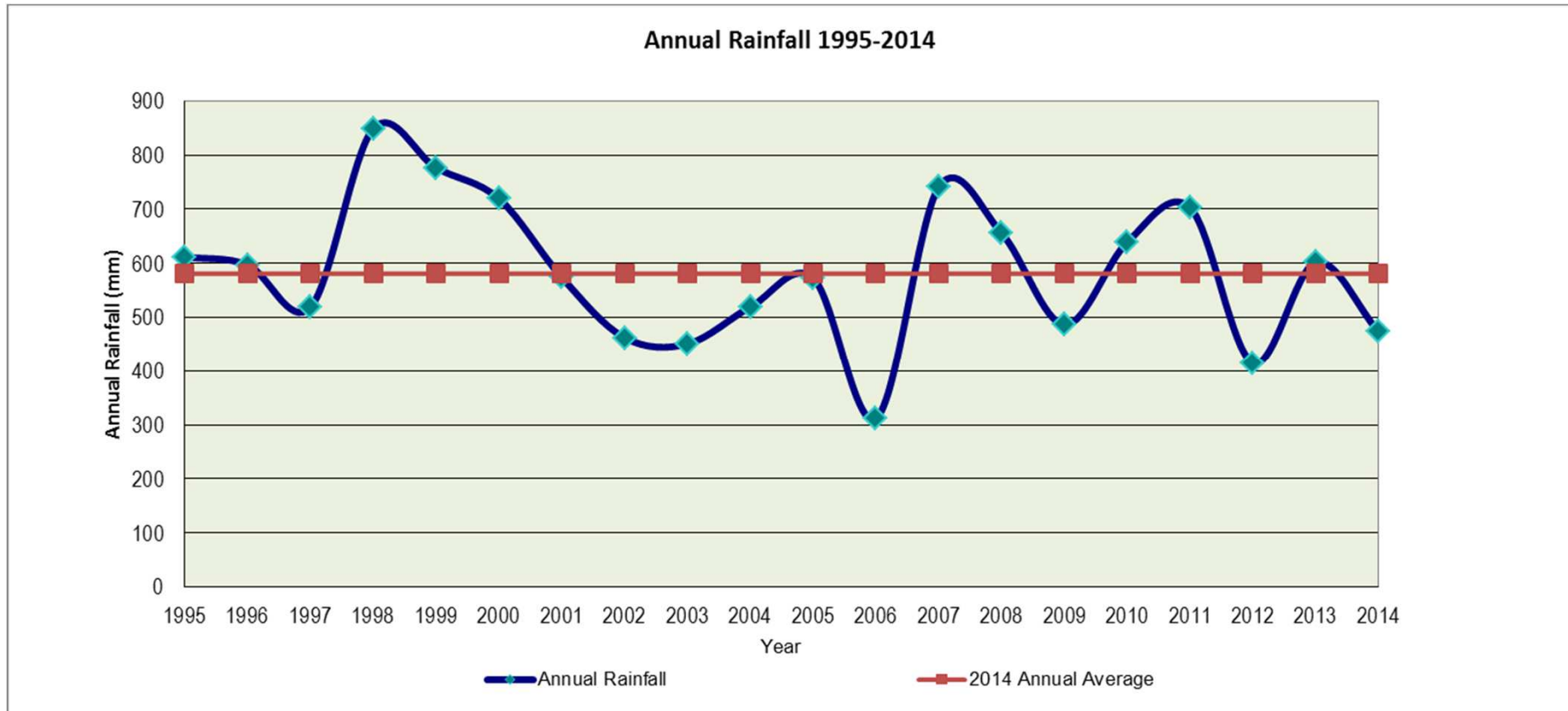
- Electrical Conductivity – reducing marginal difference between Hunter River sites upstream and downstream of the Mine
- Rationalised to three monthly sampling and analysis

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.

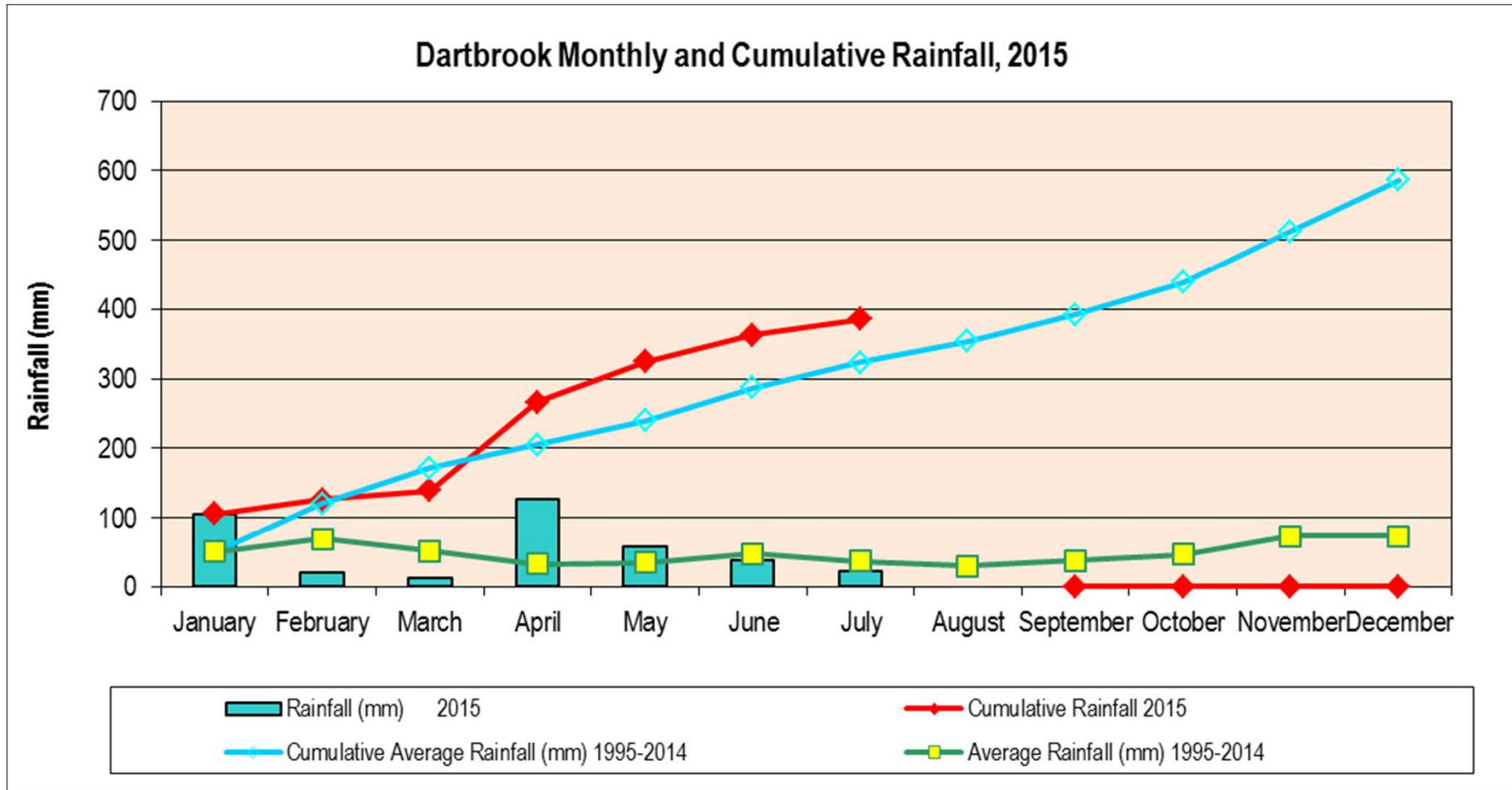
METEOROLOGICAL DATA – life of mine annual average rainfall



1995 – 2013 average = 584mm

2014 = 473mm which was 112mm below annual average

METEOROLOGICAL DATA



GENERAL BUSINESS - DARTBROOK ACTIVITIES

- **Exploration – Nil since last meeting. Lodge EL 4574 Environmental Management Report in June. Working on A 256 EMR for lodgement August**

- **Projects - Prefeasibility still suspended indefinitely.**

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

DARTBROOK CARE & MAINTENANCE – Rural Lands

- Hwy tree maintenance
- Weed control – African box thorn, Green Cestrum, Tiger pear, St Johns Wort and Prickly Acacia
- Upper Dorset house demolition.
- Boundary fencing



2011



DARTBROOK CARE & MAINTENANCE – Rural

- **Pig & Roo control program continues. 2015 YTD 51 Roos. (NPWS licensed 300) & 29 pigs**
- **Combined Local Land Services coordinated Dog baiting programme.**

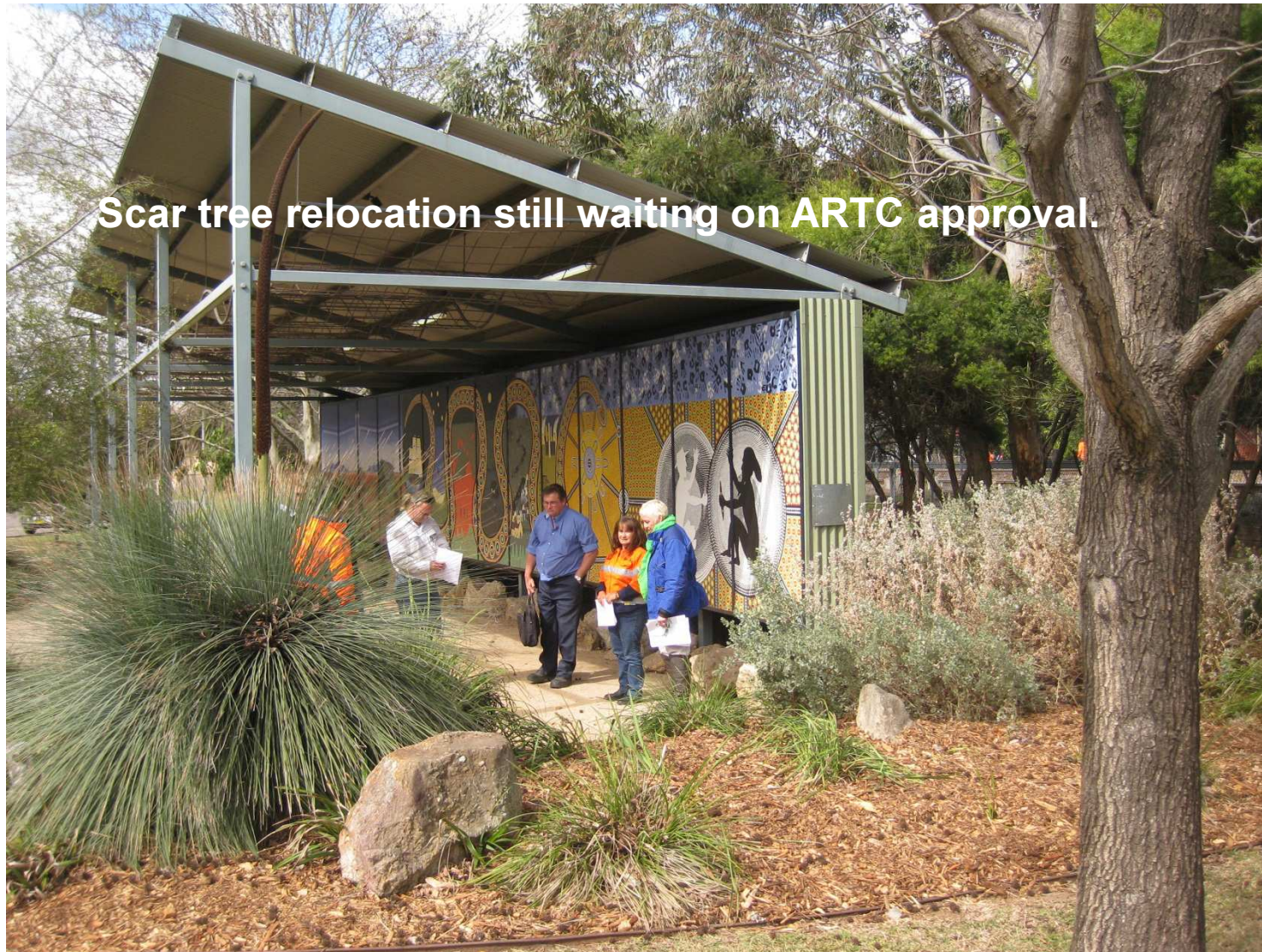


DARTBROOK CARE & MAINTENANCE – Regulatory

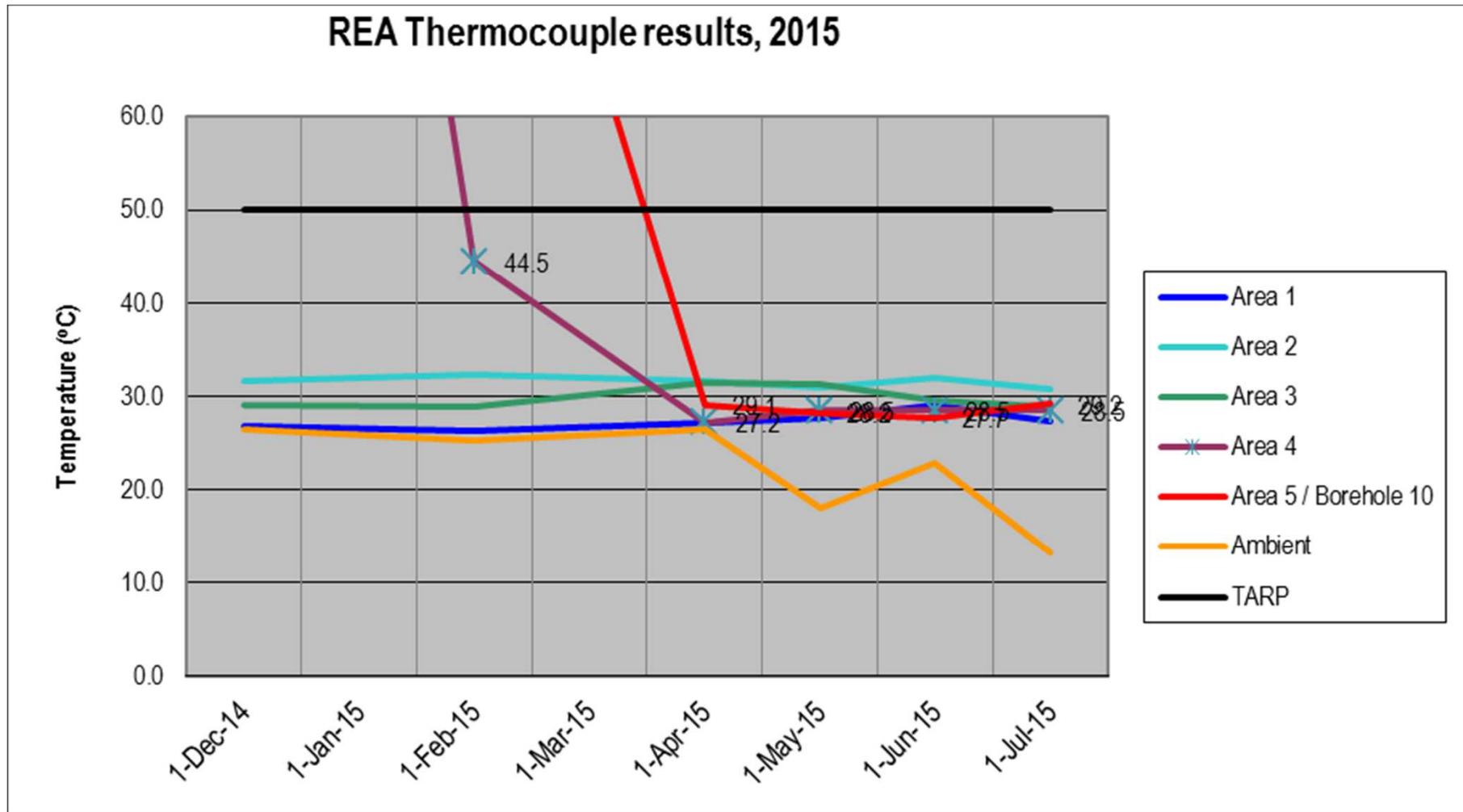
- **HRSTS Annual Return lodged.**
- **Sustainable grazing demonstration ongoing with regular weigh ins.**
- **BCO and UGM Internal Compliance Audits – in compliance.**
- **LLS visits re flood mitigation.**
- **EPA visit re Licence variations.**
- **DRE Annual visit next month.**
- **DPE letter advising AEMR is satisfactory**
- **On going C&M**



DARTBROOK CARE & MAINTENANCE – Simpson Park relocation



DARTBROOK CARE & MAINTENANCE – REA monitoring issue



DARTBROOK CARE & MAINTENANCE – Heritage Week Celebration



Robert Tickle's book "Kayuga Cemetery"



"Kayuga Cottage" in Heritage Week at Dartbrook



Honour Boards from Kayuga School"



Lonergan Family previously lived at Riverview Cottage

DARTBROOK CARE & MAINTENANCE - Community ACTIVITIES

- Open Day at Riverview Homestead – 18/19 April 2015
- Sponsor Aberdeen Highland games.



ACTIONS FROM THE PREVIOUS MINUTES

1. To organise the 2015 meetings.

OTHER GENERAL BUSINESS

- **Next Meeting & Communication.**



Calendar for year 2015 (Australia)

Suggested 2015 Meeting dates

January	February	March
Su Mo Tu We Th Fr Sa 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 5: C 13: D 21: ● 27: ●	Su Mo Tu We Th Fr Sa 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 4: C 12: D 19: ● 28: ●	Su Mo Tu We Th Fr Sa 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 6: C 14: D 20: ● 27: ●
April	May	June
Su Mo Tu We Th Fr Sa 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 4: C 12: D 19: ● 28: ●	Su Mo Tu We Th Fr Sa 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 4: C 11: D 18: ● 28: ●	Su Mo Tu We Th Fr Sa 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 3: C 10: D 17: ● 24: ●
July	August	September
Su Mo Tu We Th Fr Sa 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 2: C 9: D 16: ● 24: ● 31: C	Su Mo Tu We Th Fr Sa 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 7: D 15: ● 23: ● 30: C	Su Mo Tu We Th Fr Sa 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 5: D 13: ● 21: ● 28: C
October	November	December
Su Mo Tu We Th Fr Sa 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 5: D 13: ● 21: ● 27: C	Su Mo Tu We Th Fr Sa 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 3: D 12: ● 19: ● 28: C	Su Mo Tu We Th Fr Sa 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 3: D 11: ● 19: ● 26: C

Holidays and Observances:

1 Jan New Year's Day	4 Apr Holy Saturday (Many regions)
26 Jan Australia Day	5 Apr Easter Day (All)
2 Mar Labour Day (Western Australia)	6 Apr Easter Monday
9 Mar Labour Day (Victoria)	25 Apr Anzac Day
9 Mar Eight Hours Day (Tasmania)	4 May May Day (Northern Territory)
21 Mar Harmony Day	8 Jun Queen's Birthday (Most regions)
3 Apr Good Friday	28 Sep Queen's Birthday (Western Australia)

Add more holidays/observances: [Local holidays](#) | [Major Jewish](#) | [Major Muslim](#)

5 Oct Labour Day (Many regions)
11 Nov Remembrance Day
24 Dec Christmas Eve
25 Dec Christmas Day
26 Dec Boxing Day
28 Dec Christmas/Boxing Day Holiday
31 Dec New Year's Eve

Common observances

THANK YOU

5 Oct Labour Day (Many regions)
11 Nov Remembrance Day
24 Dec Christmas Eve
25 Dec Christmas Day
26 Dec Boxing Day
28 Dec Christmas/Boxing Day Holiday
31 Dec New Year's Eve
Common observances