

Dartbrook Community Consultative Committee Meeting

11th July 2018



Australian Pacific Coal

ABN : 49 089 206 986 ASX CODE: AQC

- 1. Apologies**
- 2. Declaration of Pecuniary Interest**
- 3. Correspondence**
- 4. Confirmation of previous minutes**
- 5. Business Arising from previous minutes**
- 6. Complaints Summary**
- 7. General Business:**
 - Summary of environmental monitoring results and activities
 - Care and Maintenance, Property, Exploration & Projects
 - Current & ongoing issues
- 8. Actions from previous minutes**
- 9. Other Business**
- 10. Next Meeting**

CONFIRMATION OF PREVIOUS MINUTES

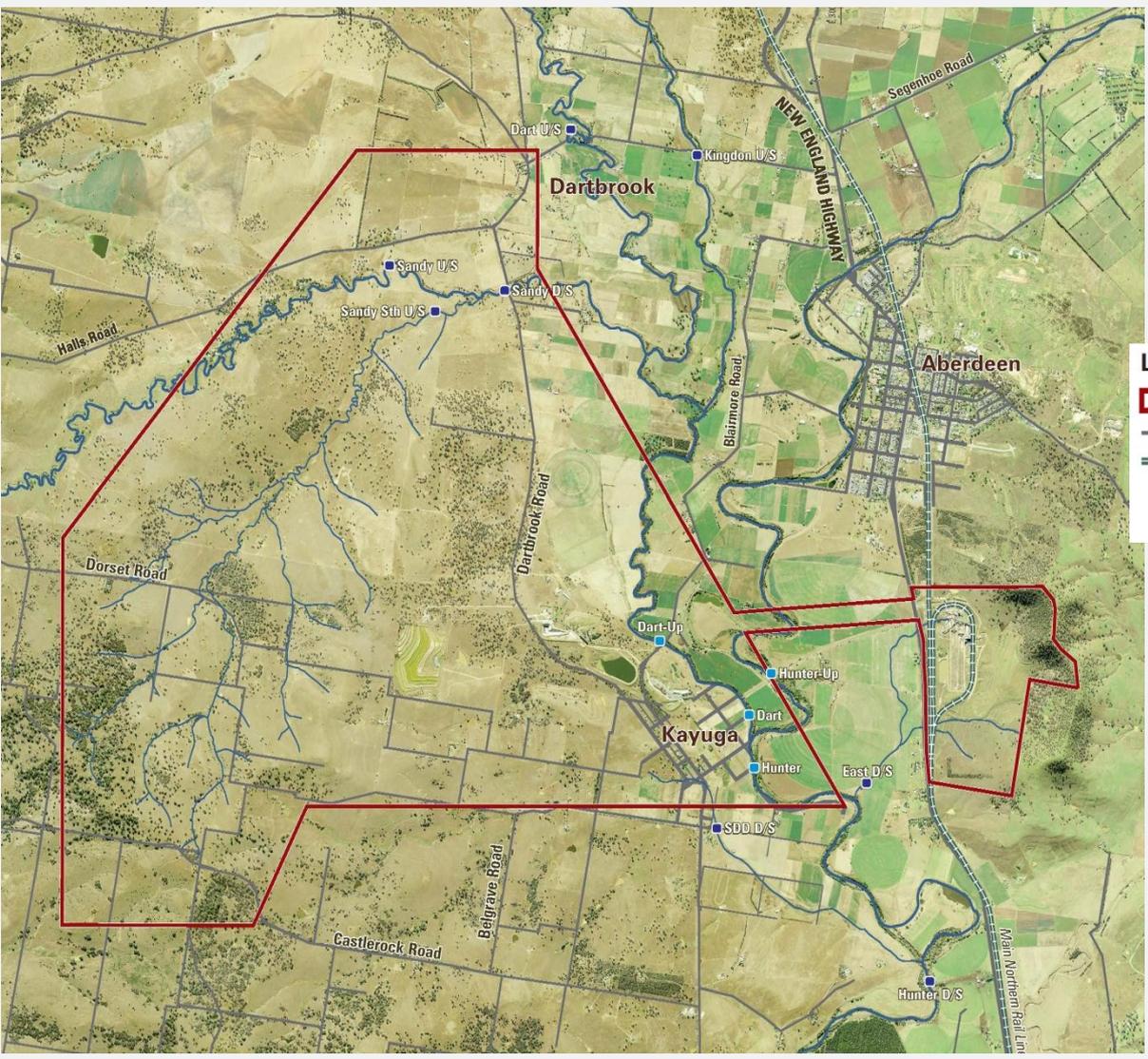
- Any issues or comments on the previous meeting minutes?
- Actions from previous minutes:

Action Item	Action	Outcome
1.	CCC to review and endorse the additional surface water monitoring program.	TBC at this meeting
2.	Send a CD copy of the 2017 Annual Review to Kiwa.	Complete
3.	Provide a copy of the Gateway Application document to G. Casey once it is published.	DW to send once published
4.	Treatment of areas on site where prickly acacia has been identified.	Ongoing monitoring

1. Hunter River Monitoring Program

- Monitoring is proposed to be undertaken at 12 sites:
 - Four existing surface water quality monitoring locations; and
 - Eight additional locations.
- Initial aquatic ecology monitoring will be undertaken twice per year in Autumn and Spring to collect baseline data
- Program results will be provided to the CCC and reported in the Annual Review

River Health Monitoring Locations



Legend

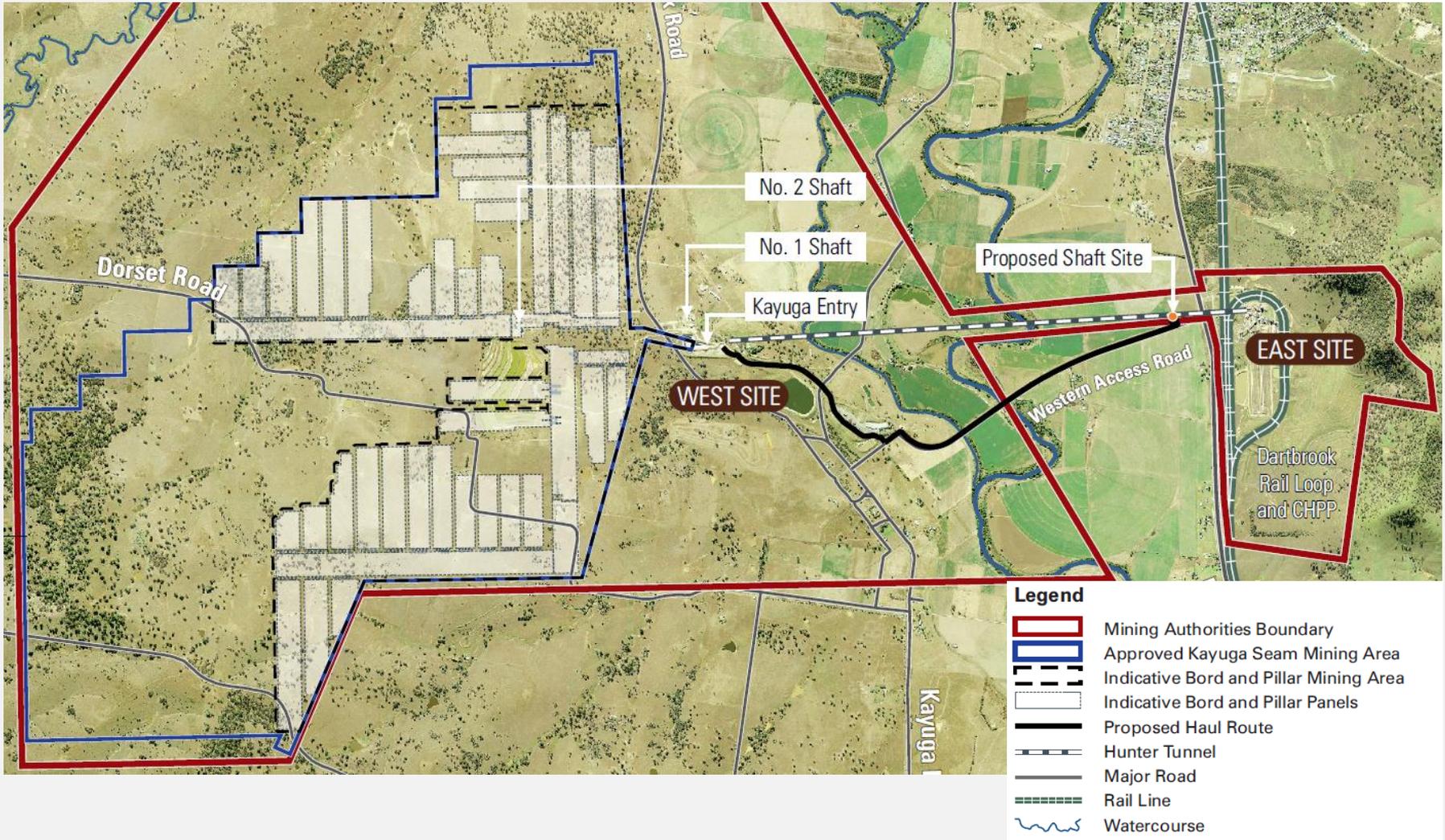
-  Mining Authorisation
-  Road
-  Rail Line
-  Existing Surface Water Sample Location
-  Proposed Surface Water Sample Location

- No environmental complaints or incidents have been recorded since the previous CCC meeting

1. Underground Modification (MOD7)

- The Environmental Assessment (EA) prepared for MOD7 was deemed adequate for public exhibition by the NSW Department of Planning and Environment.
- The following activities are proposed for MOD7:
 - Bord and pillar mining of the Kayuga Seam as an alternative to the approved longwall mining;
 - Extraction of up to 1.5 million tonnes per annum of ROM coal using bord and pillar methods;
 - Truck haulage of ROM coal via private roads to a new shaft located west of the Western Access Road. The new shaft will connect to the Hunter Tunnel, which will deliver coal to the East Site; and
 - Extending the life of the development consent by five years (to 5 December 2027)
- The EA will be on public exhibition until 25 July 2018

GENERAL BUSINESS - continued



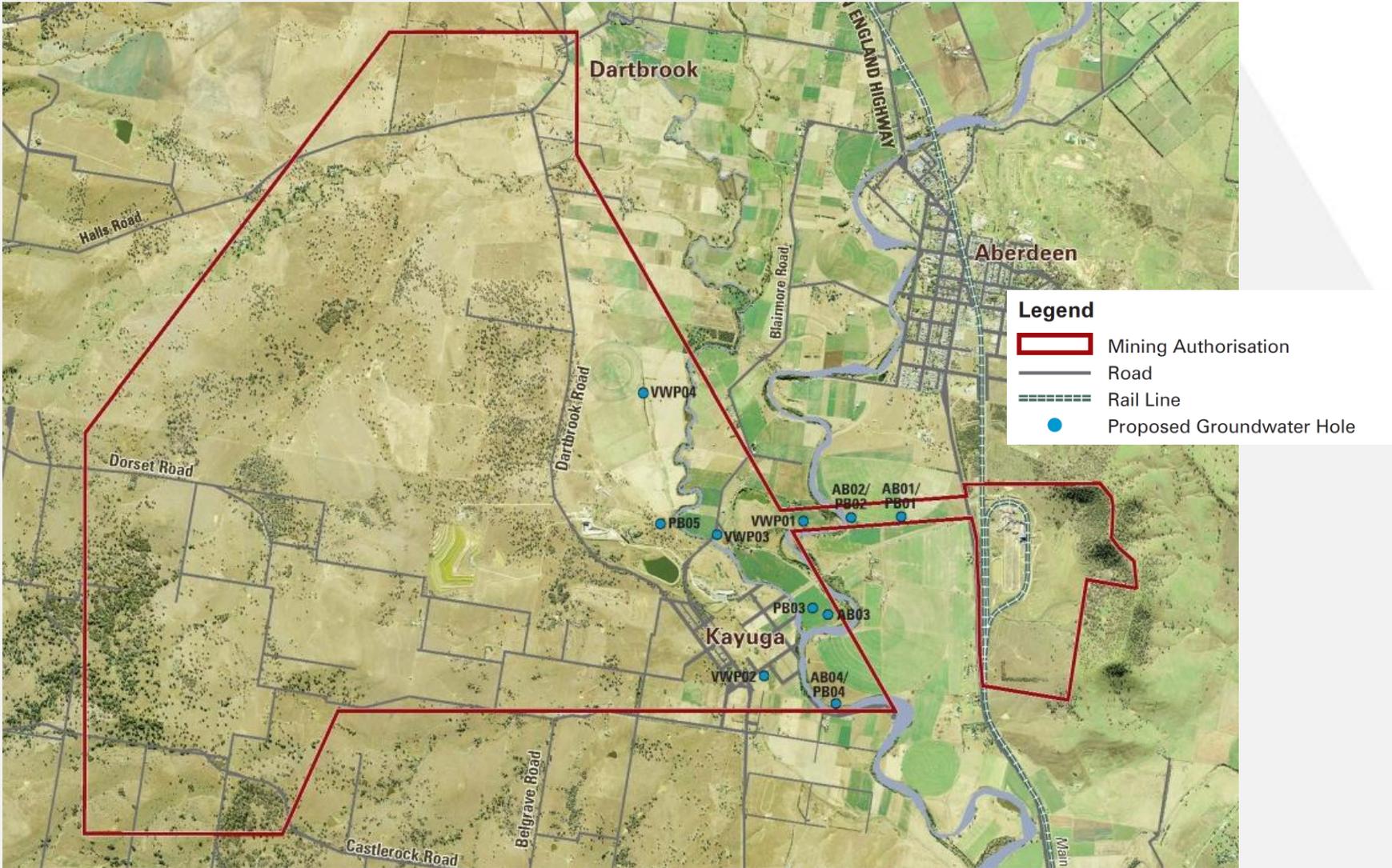
2. Open Cut Project Studies

- PFS for a surface mining project has been completed
- Background environmental studies are continuing
- AQC currently focussing on recommissioning Dartbrook as a bord and pillar underground coal mine

3. Exploration Drilling Program

- The drilling has commenced. This involves:
 - Drilling of 13 new groundwater monitoring bores
 - Drilling of up to a maximum of 10 new exploration test holes to gather coal quality geochemical data
 - Rehabilitation of 26 existing exploration boreholes

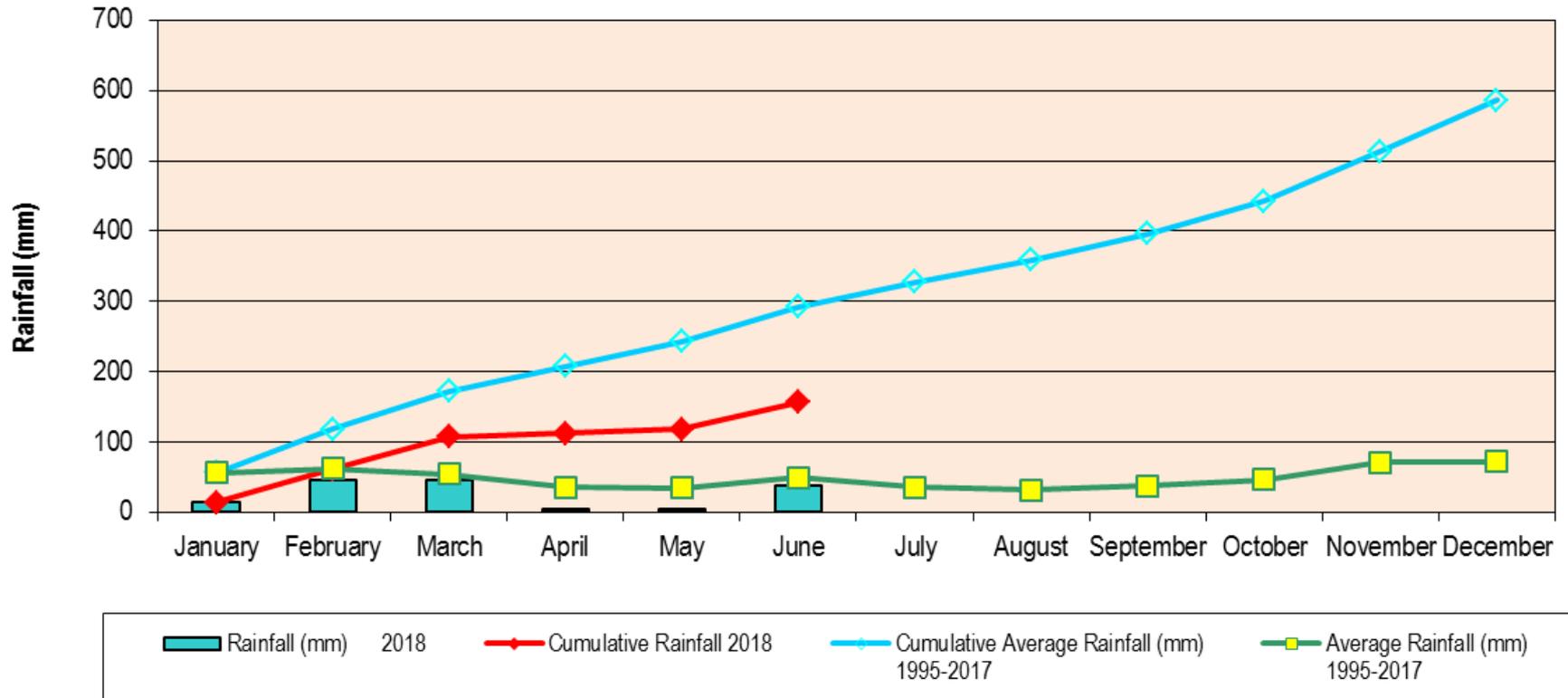
Groundwater Monitoring Bore Locations



- **Rainfall**
- **High Volume Air Sampling**
- **Dust Deposition**
- **Dust Isopleth**
- **Surface Water – Hunter River Salinity**
- **Surface Water – Dart Brook Salinity**
- **Greenhouse gas**

GENERAL BUSINESS – Environmental Monitoring continued

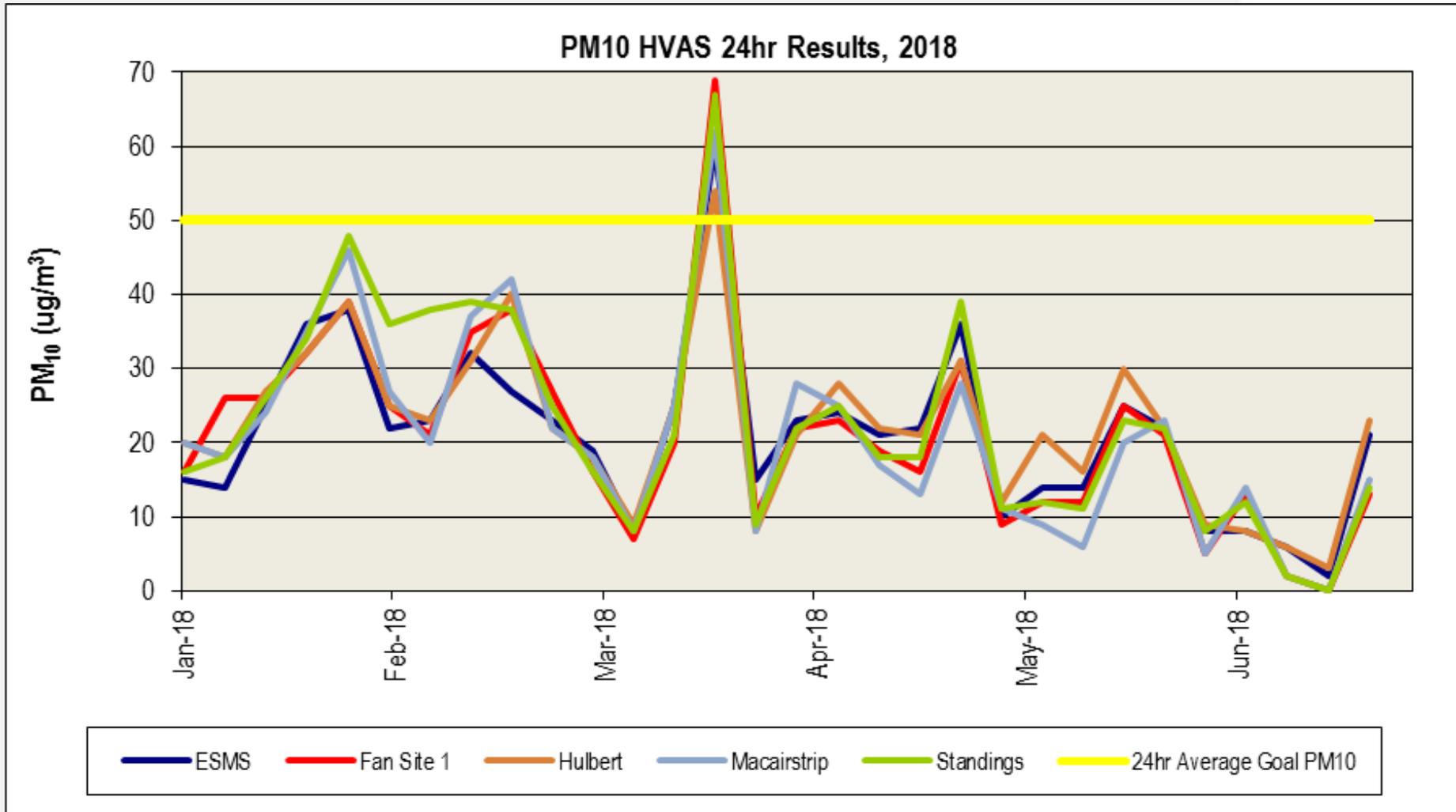
Dartbrook Monthly and Cumulative Rainfall, 2018



Rainfall year to date: 156 mm

Dartbrook average yearly rainfall 1995-2017= 586 mm

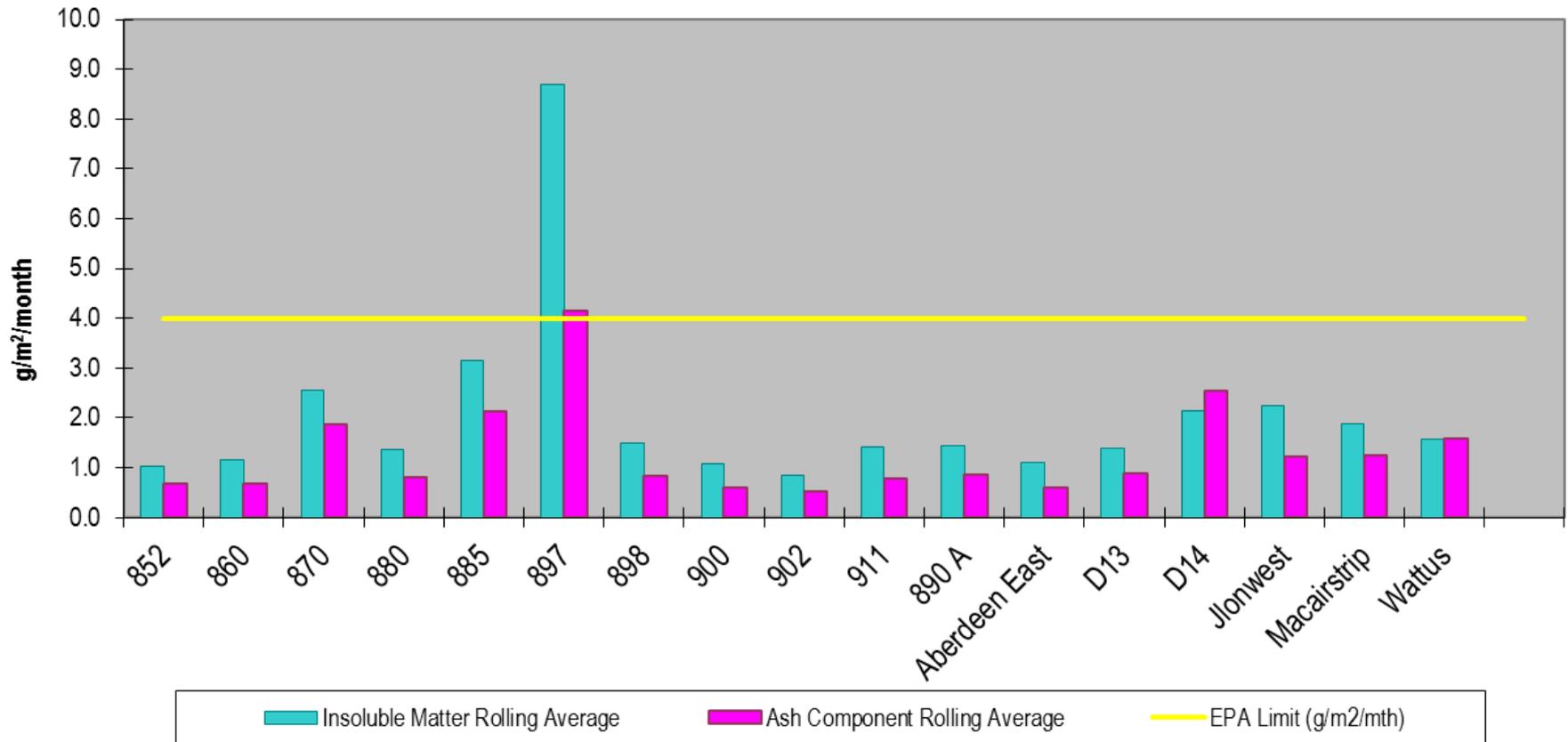
GENERAL BUSINESS – Environmental Monitoring continued



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

GENERAL BUSINESS – Environmental Monitoring continued

Dust Deposition - Insoluble Matter / Ash Residue Annual Averages to June 2018



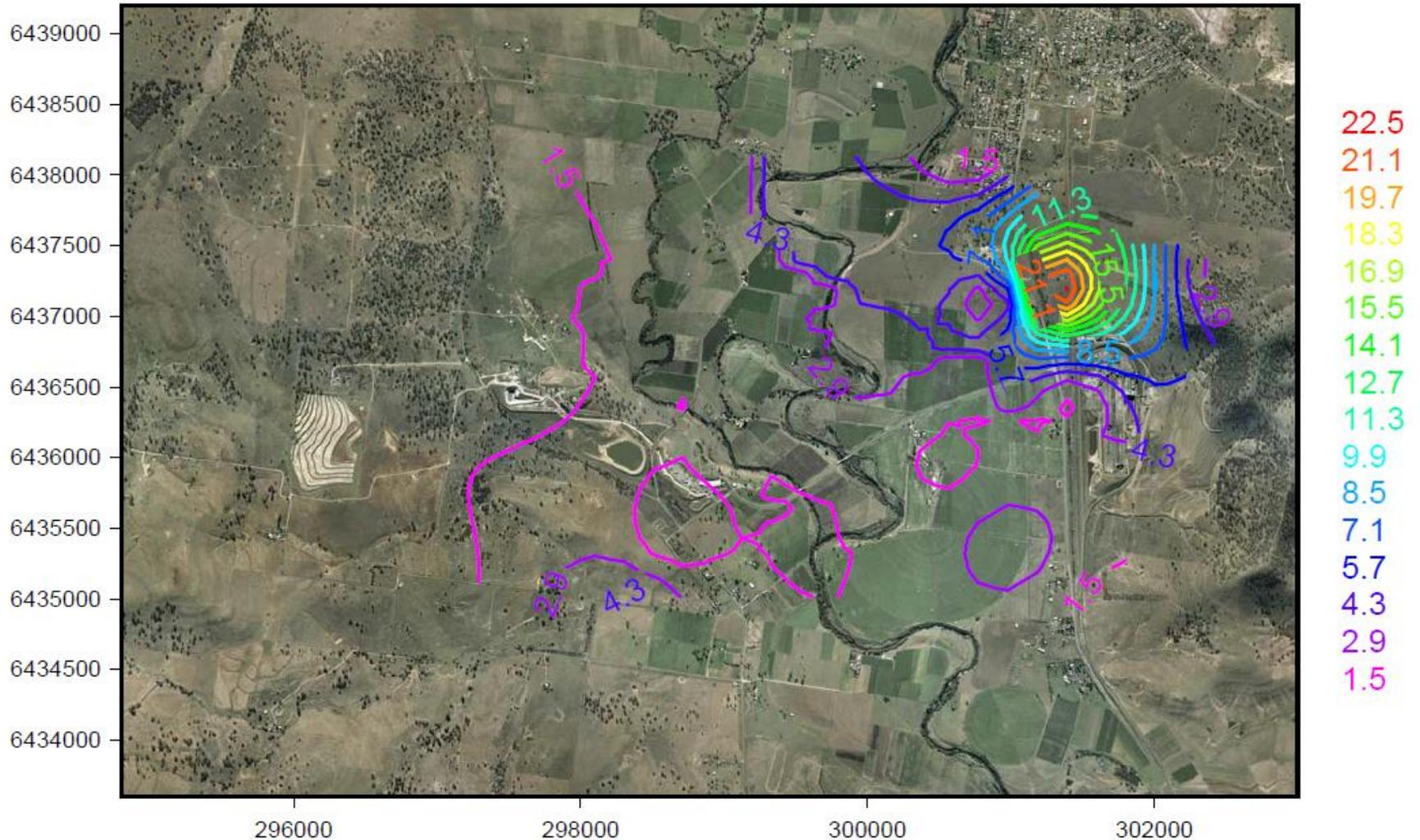
Insoluble Matter is Ash + Combustible Matter

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

GENERAL BUSINESS – Environmental Monitoring continued

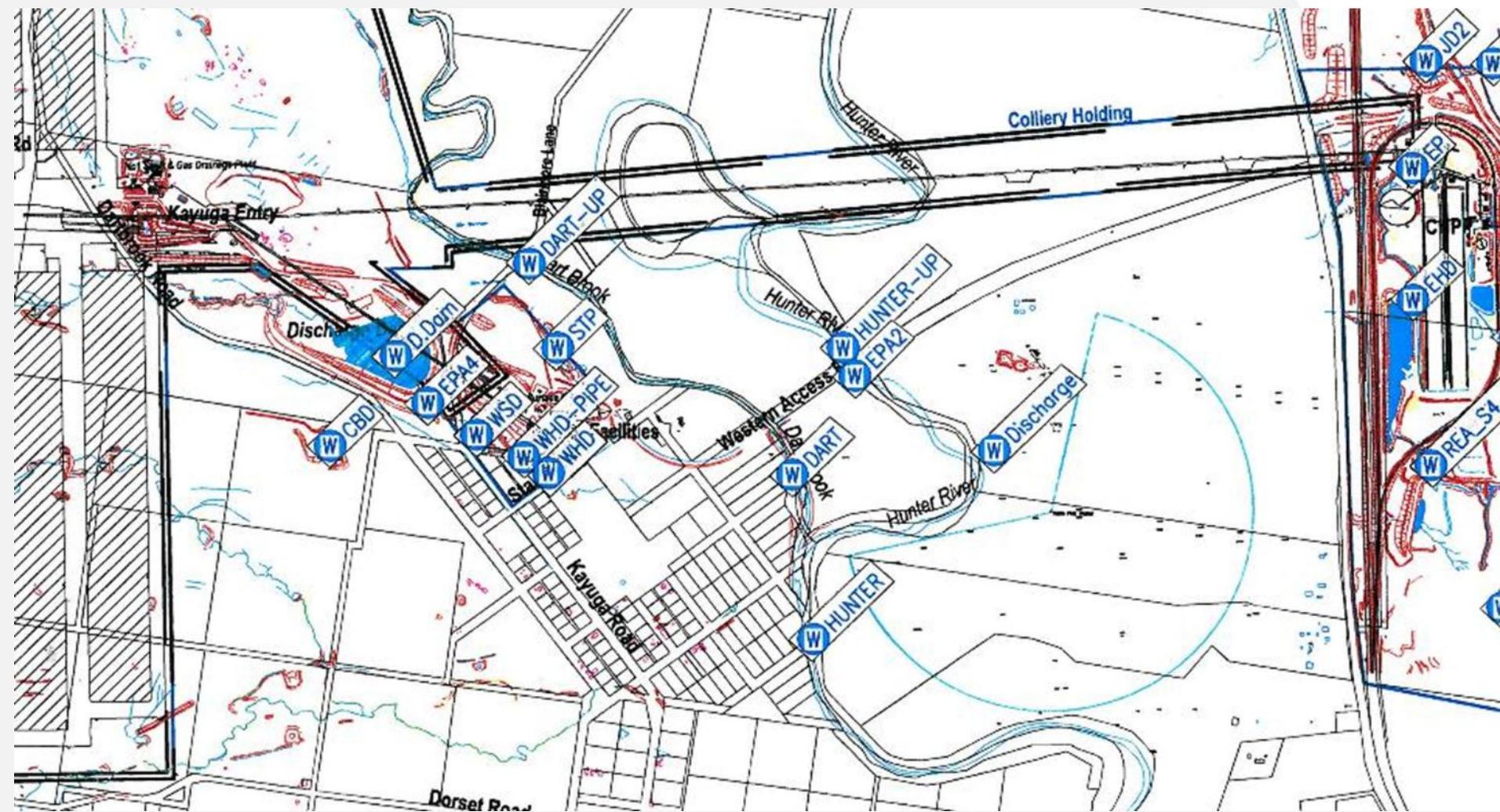
Depositional Dust Contours June 2018



GENERAL BUSINESS – Environmental Monitoring continued

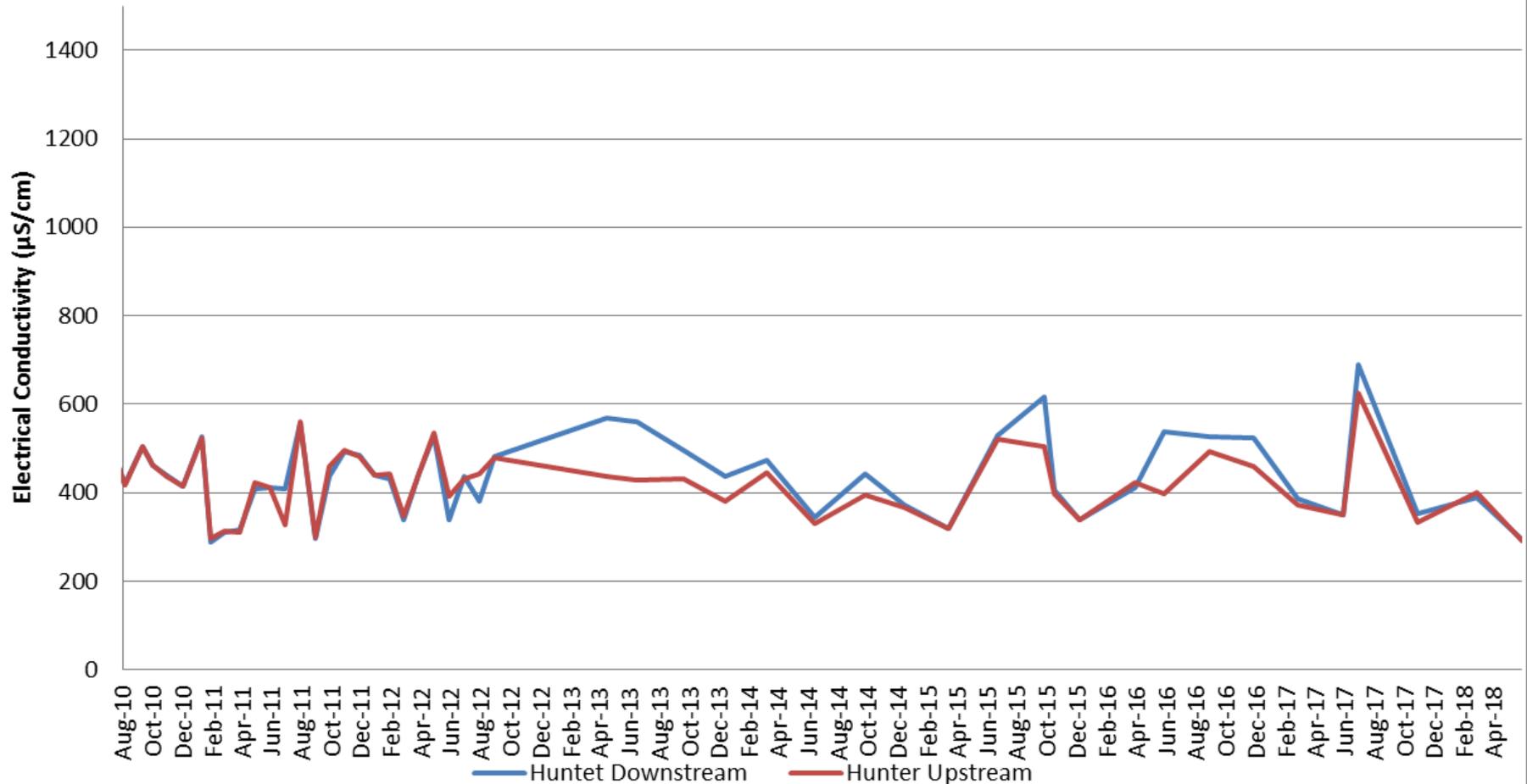


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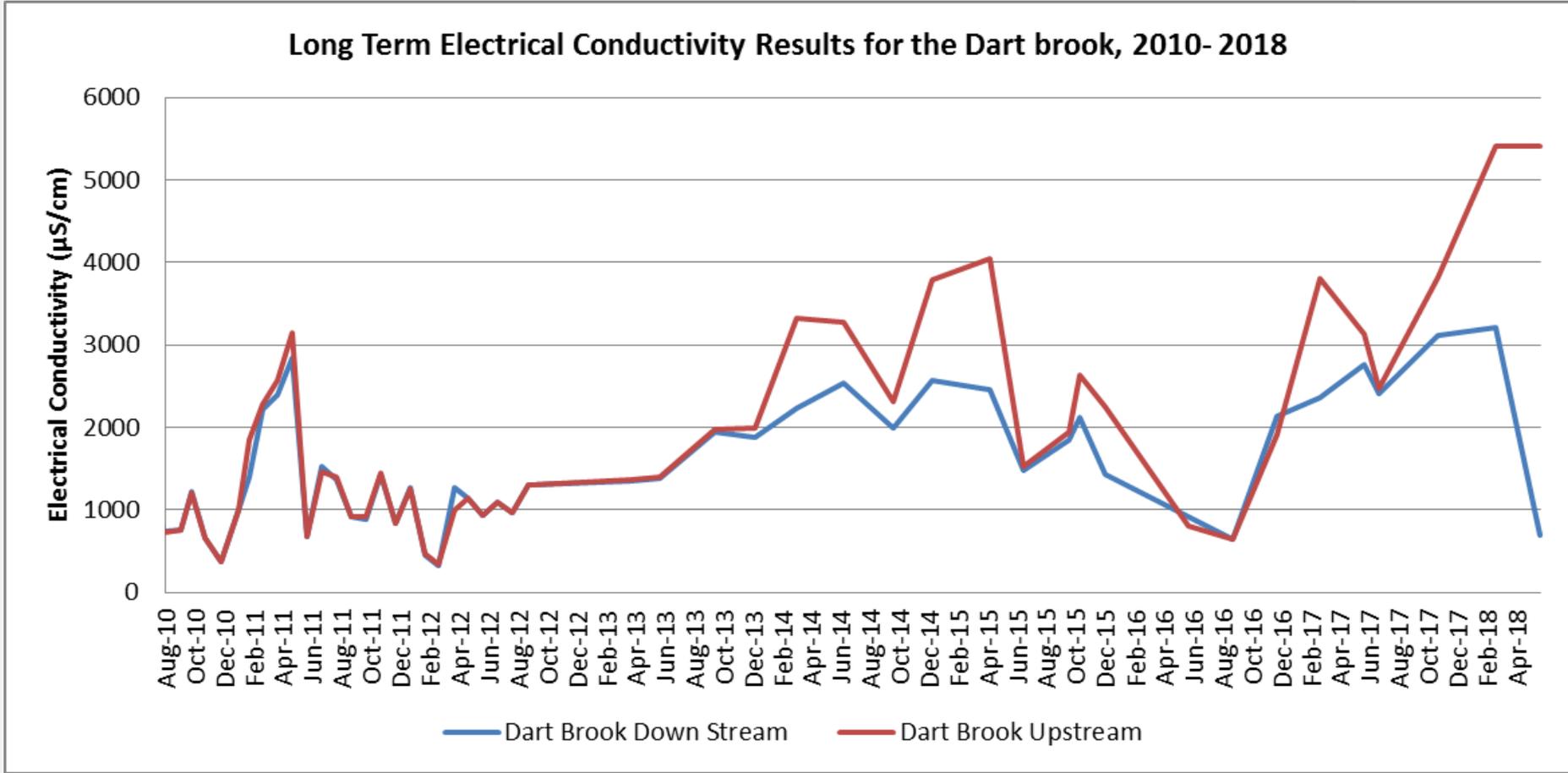


GENERAL BUSINESS – Environmental Monitoring continued

Long Term Electrical Conductivity Results for the Hunter River, 2010 - 2018



GENERAL BUSINESS – Environmental Monitoring continued



DARTBROOK CARE & MAINTENANCE – Land management

- Ongoing program of slashing and mowing, property maintenance
- Drilling program underway
- Removal of additional scrap waste products from the workshop & storage areas



DARTBROOK CARE & MAINTENANCE – Land management continued

- Weed treatment, including for:
 - Broadleaf weeds and liverseed grass on paddocks sown to oats
 - Green cestrum control on river bank
 - Boxthorn and prickly pear on the East Site
- Stock grazing on the REA
- Baiting program during May
- Roo control program

DARTBROOK CARE & MAINTENANCE – Community Consultation

- Ongoing consultation:
 - Newsletter No 7 was sent out in the week starting 3 July 2018
 - Dartbrook Sponsorship & Donations Initiative continues to call for Applications <http://www.aqcltd.com/irm/content/sponsorships.aspx?RID=463>
 - The Environmental Contact Line continues to operate on:
1300 131 058



- **Business for the next meeting**

NEXT 2018 MEETING DATE



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2018

January

Mo	Tu	We	Th	Fr	Sa	Su
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				

February

Mo	Tu	We	Th	Fr	Sa	Su
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12	13	14	15	16	17	18
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26	27	28				

March

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April

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30						

May

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June

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July

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30	31					

August

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27	28	29	30	31		

September

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24	25	26	27	28	29	30

October

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15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

November

Mo	Tu	We	Th	Fr	Sa	Su
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26	27	28	29	30		

December

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17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						



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**THANK
YOU**