

# Dartbrook Community Consultative Committee Meeting

24<sup>th</sup> October 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 and actions**
- 5. Business Arising from previous minutes**
- 6. Complaints Summary**
- 7. General Business:**
  - Dartbrook Development Consent MOD 7
  - Summary of environmental monitoring results and activities
  - Care and Maintenance, Property, Exploration & Projects
  - Current & ongoing issues
- 8. Other Business**
- 9. Next Meeting**

# CONFIRMATION OF PREVIOUS MINUTES

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

Action Item	Action	Outcome
1.	AQC to meet with UHSC in July to discuss MOD7 issues.	Complete
2.	Provide an update on status of the open cut project	This meeting
3.	Hansen Bailey to consult with DoI-Water to gain formal approval of the additional surface water quality monitoring program	Ongoing

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

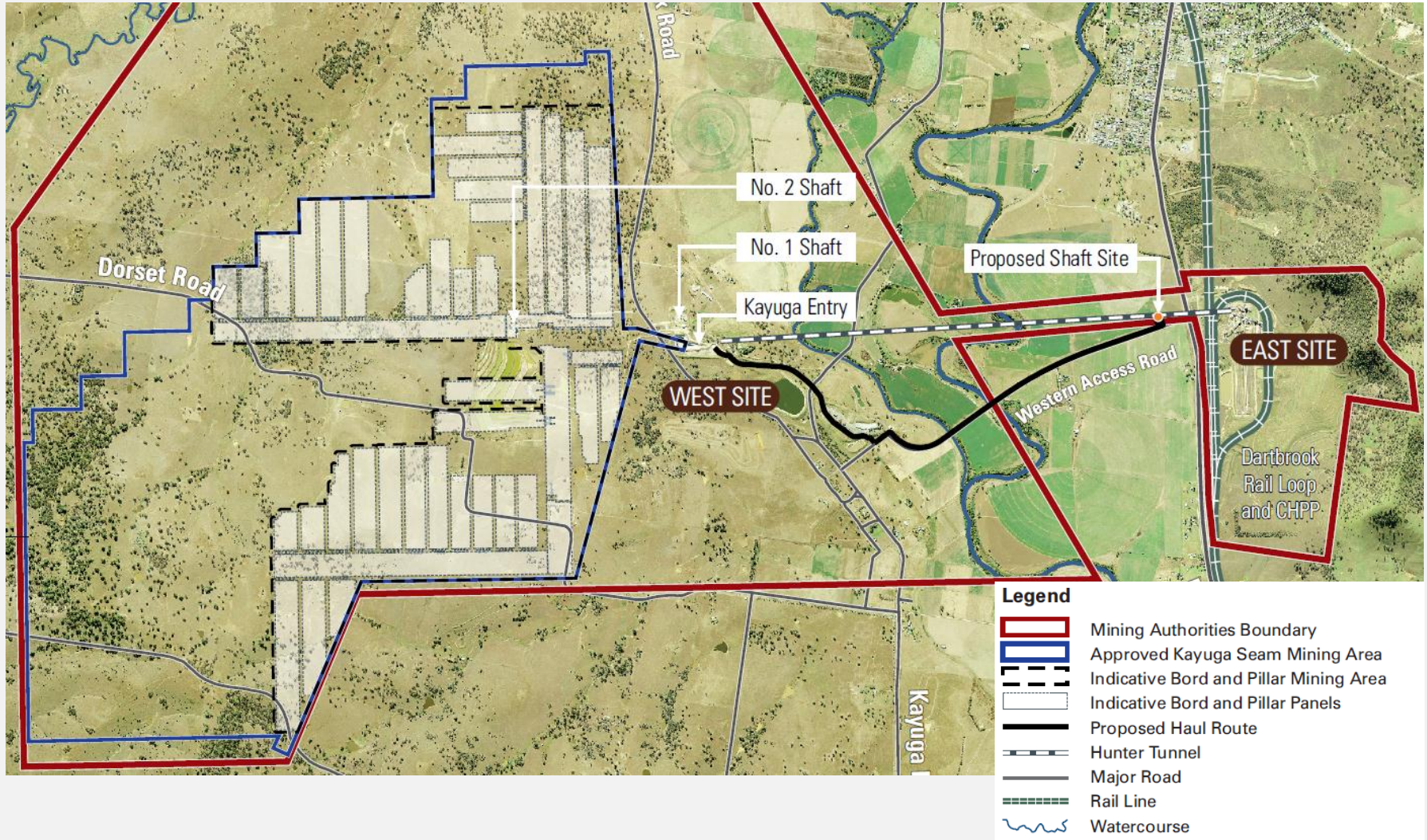
- 1. AQC signed with Strategic Partner for the development of the Dartbrook Mine**
  - AQC to form the Dartbrook Joint Venture (DJV) with a wholly owned subsidiary of Stella Natural Resources (SNR).
  - SNR is an integrated mining business with operations in the United States.
  - SNR founders and management have considerable underground coal mining experience in Australia.
  - AQC and SNR intend to recommence underground mining at Dartbrook next year, subject to completion of the transaction.

## 2. Underground Modification (MOD7)

- 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 MOD7 EA was on public exhibition from 28 June – 25 July.
- Response to submissions on the EA were provided to Department of Planning and Environment (DPE) on 31 August and 12 October 2018
- DPE are completing their assessment of the Modification, expected early November



# GENERAL BUSINESS - continued



## 3. Open Cut Project Studies

- No active progression of open cut study since last CCC meeting
- AQC (and SNR) focus is on recommissioning Dartbrook as an underground coal mine

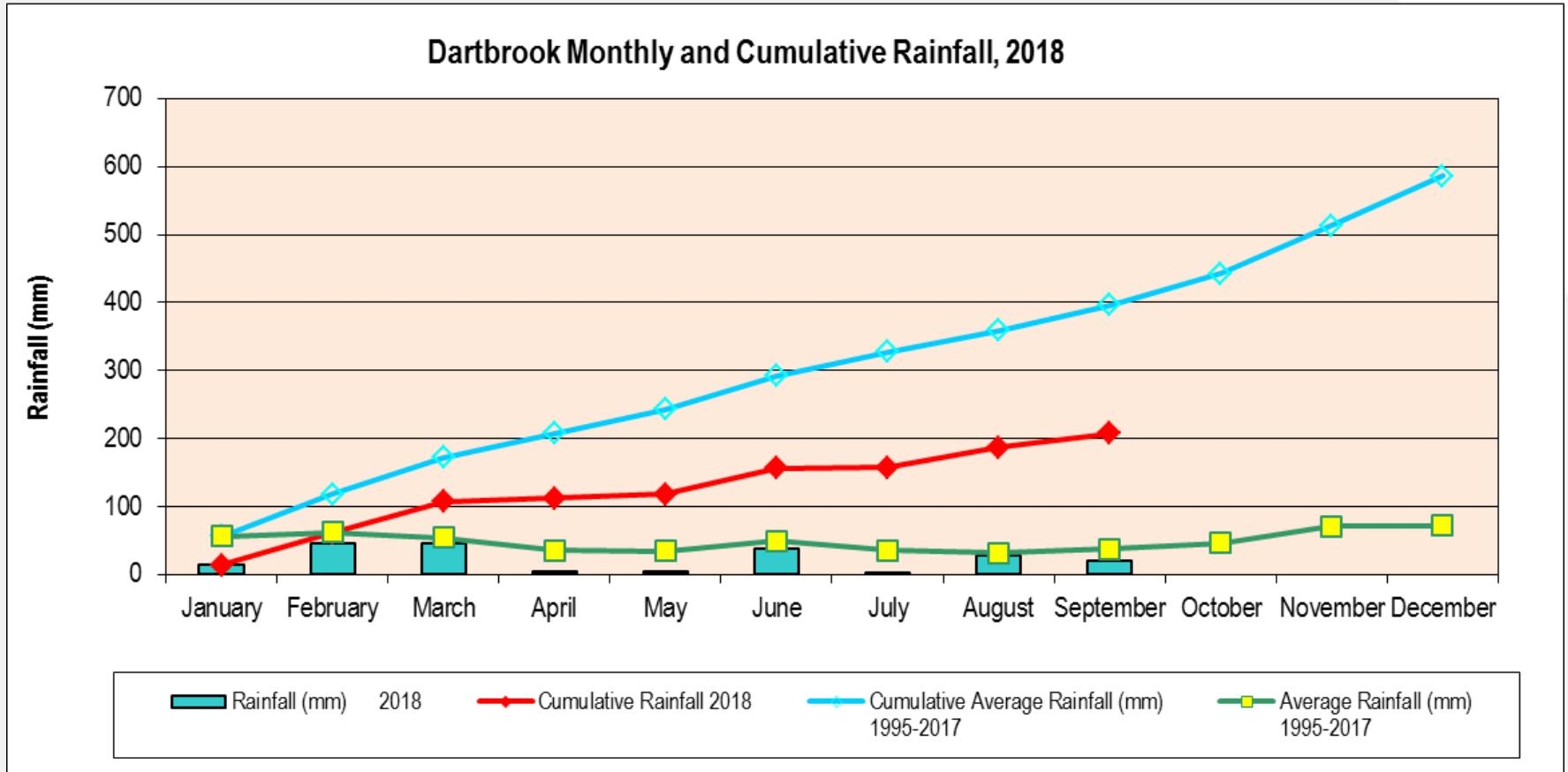
## 4. Other Activities

- The drilling program is substantially complete. This involved:
  - Drilling of 1 new exploration bore
  - Drilling of 13 new groundwater monitoring bores
  - Rehabilitation of up to 26 existing exploration boreholes
- No further exploration has been planned for the near term



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

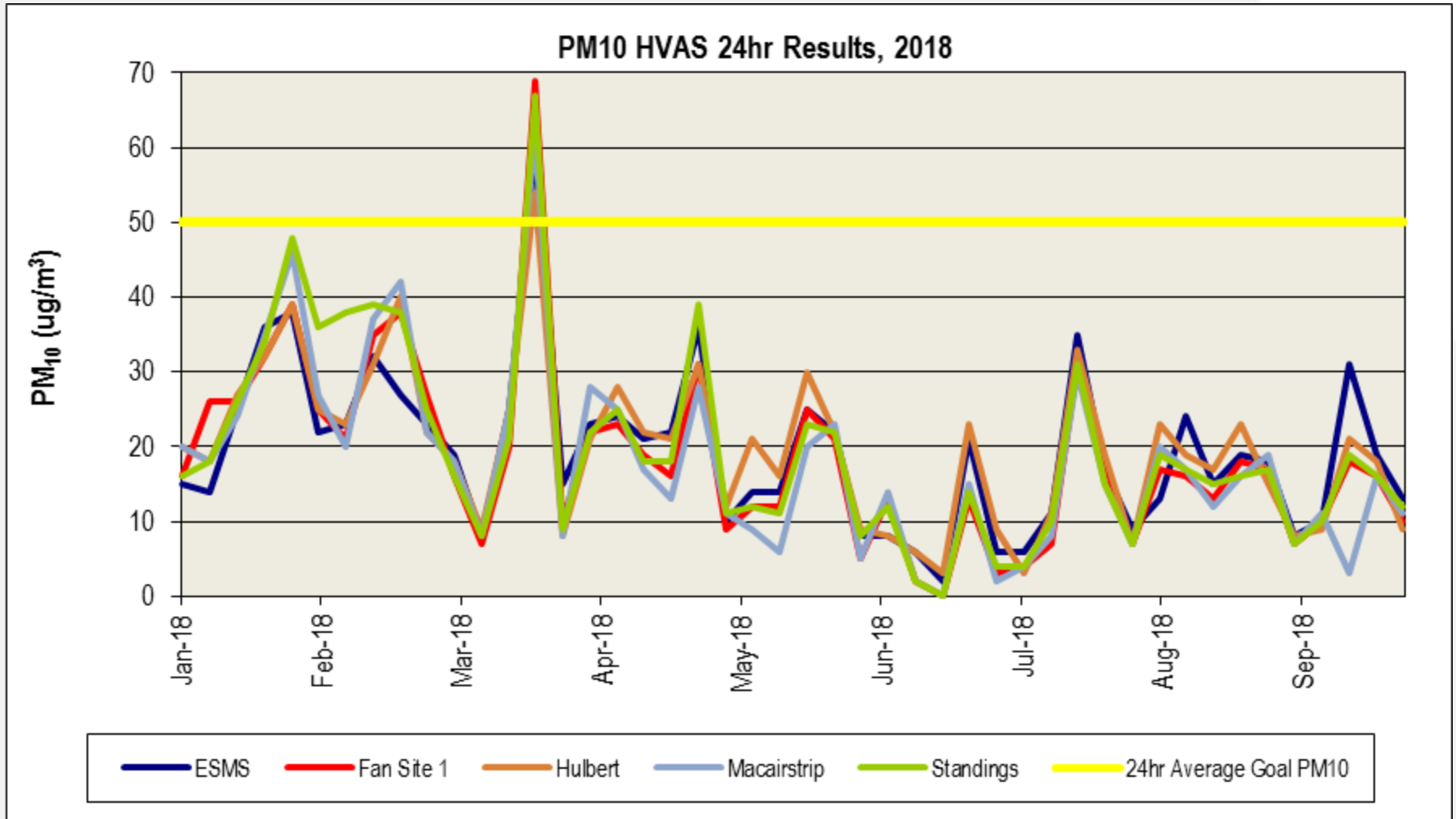
# GENERAL BUSINESS – Environmental Monitoring continued



Rainfall to end of September: 207.2 mm

Dartbrook average yearly rainfall 1995-2017= 586 mm

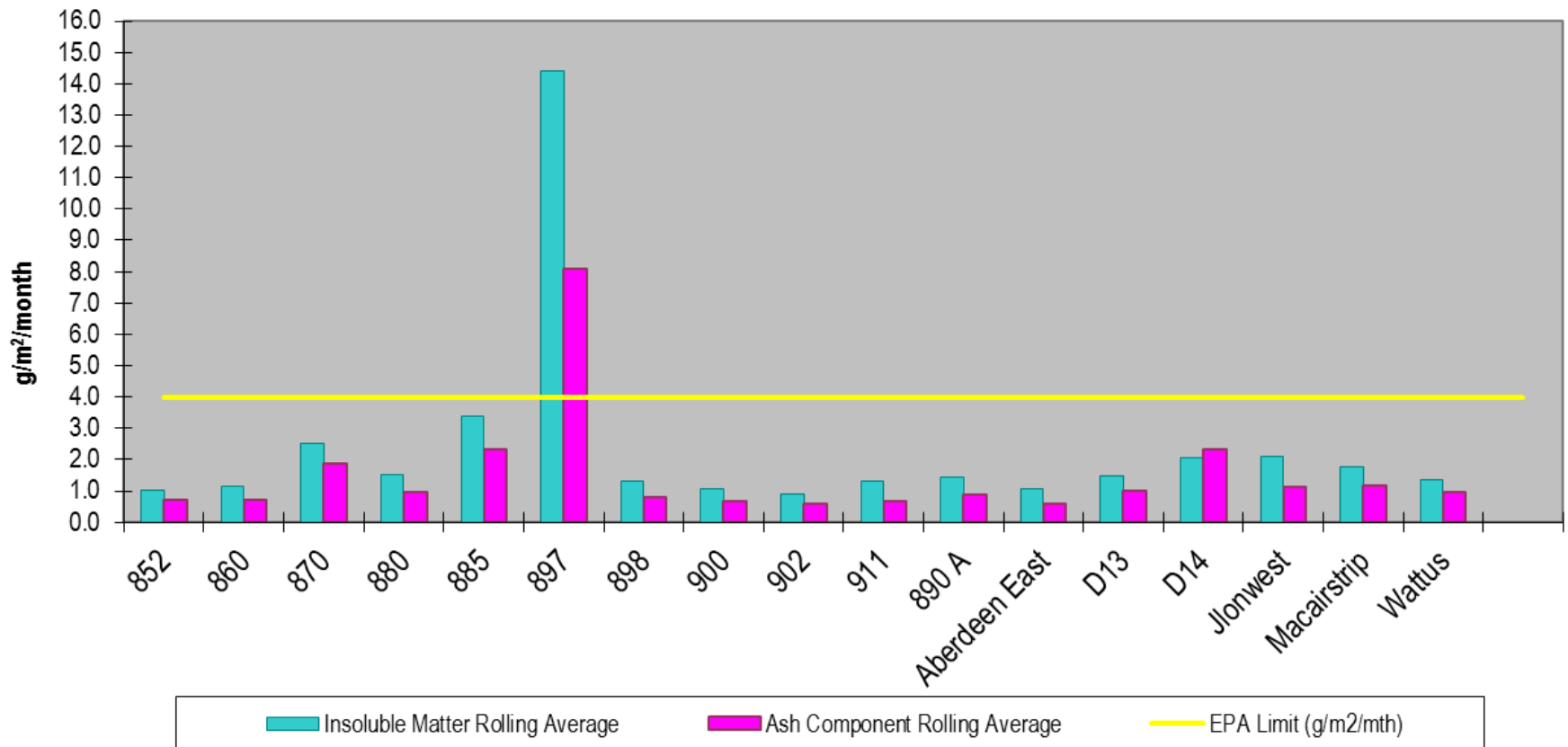
# GENERAL BUSINESS – Environmental Monitoring continued



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

# GENERAL BUSINESS – Environmental Monitoring continued

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

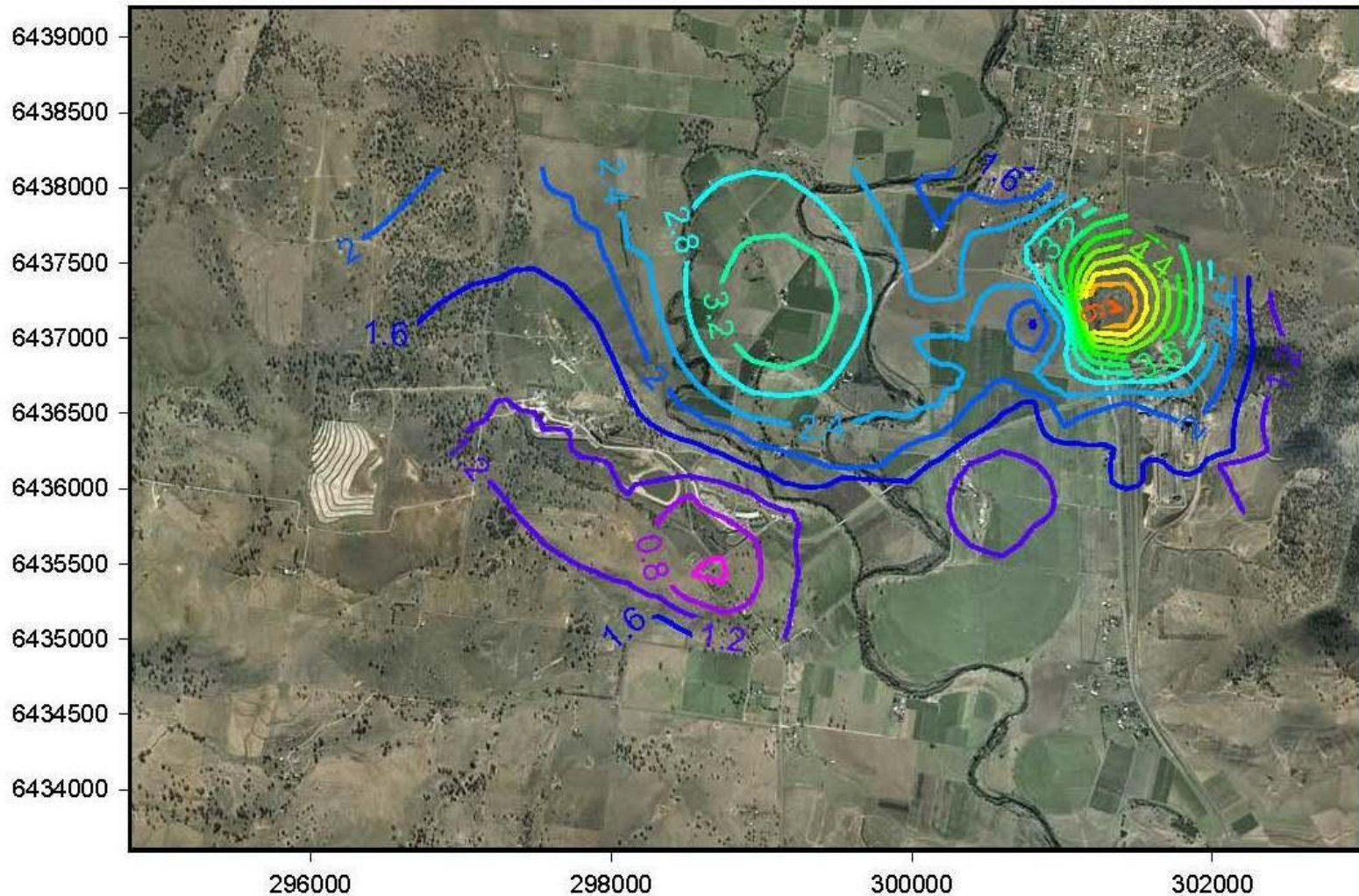


Insoluble Matter is Ash + Combustible Matter

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

## Depositional Dust Contours September 2018

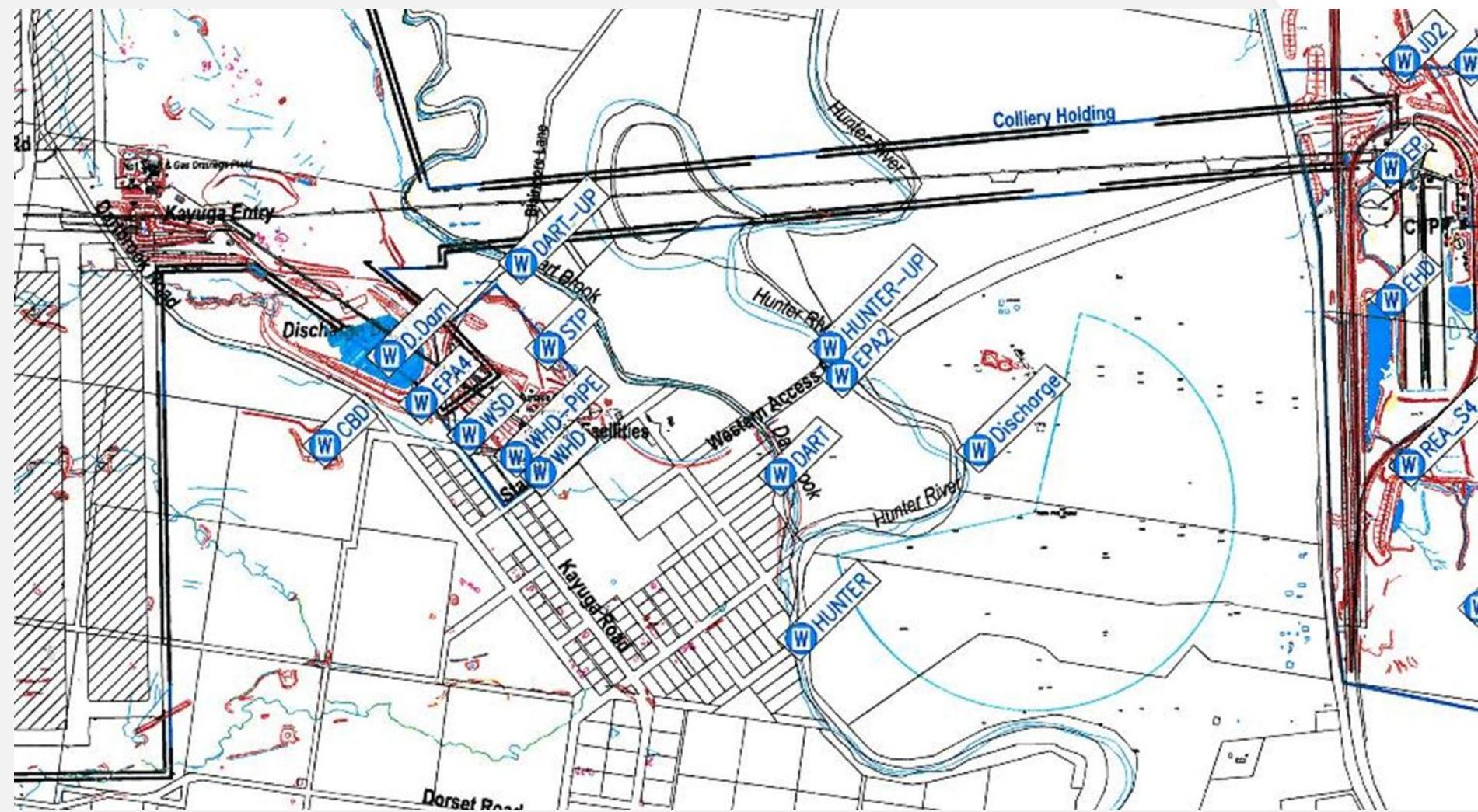




# GENERAL BUSINESS – Environmental Monitoring continued

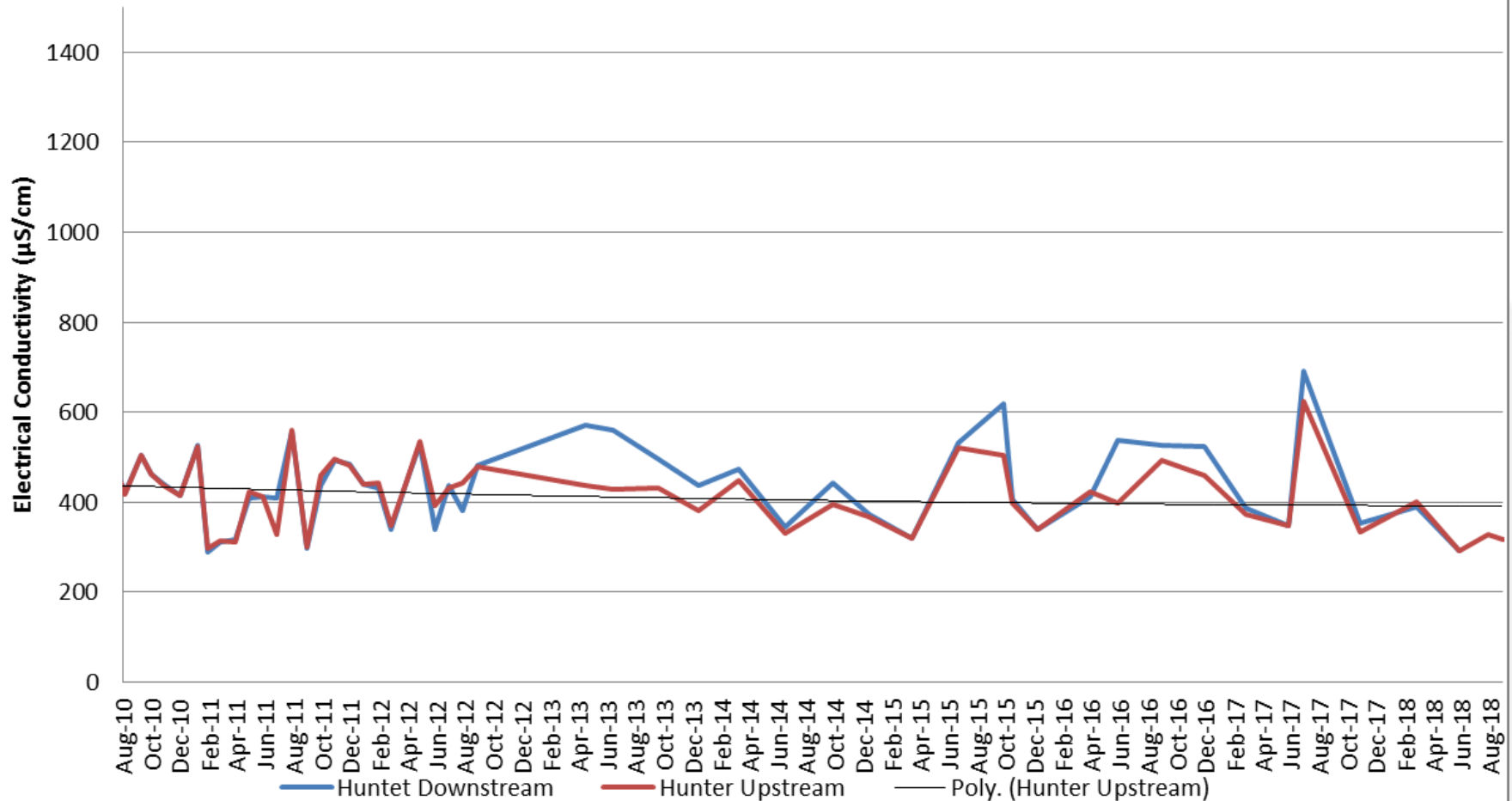


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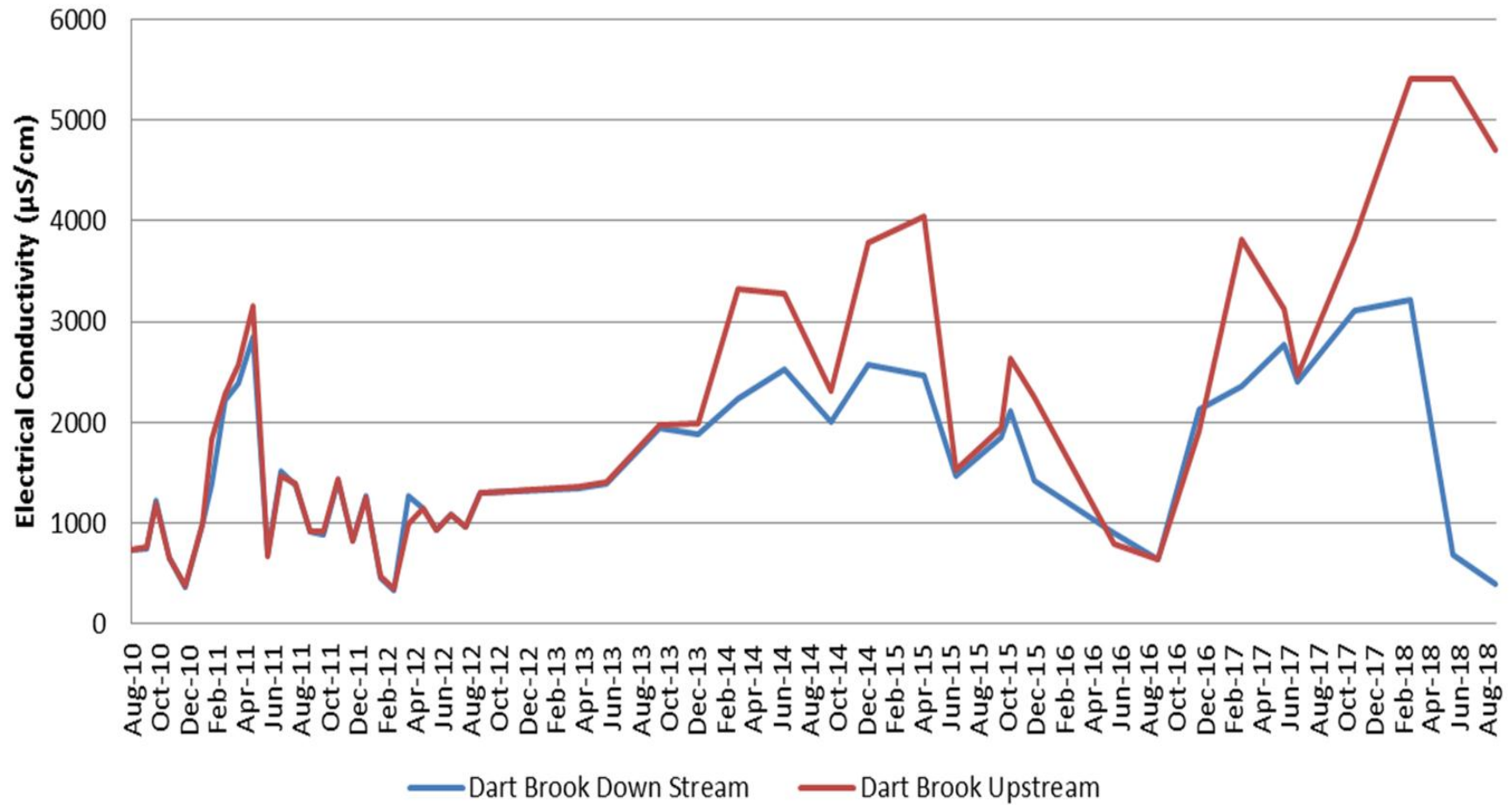
# GENERAL BUSINESS – Environmental Monitoring continued

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



# GENERAL BUSINESS – Environmental Monitoring continued

Long Term Electrical Conductivity Results for the Dart brook, 2010- 2018



## Hunter River Monitoring Program

- Ecology monitoring commenced earlier in October
- 12 locations upstream & downstream of the site were assessed for riparian vegetation & aquatic ecology
- Results from the first baseline assessment will be provided at the next CCC meeting

## Greenhouse Gas

- Total greenhouse emissions from Dartbrook in 2017/18 FY:
  - 89,452 tonnes CO<sub>2</sub>-e (Scope 1 emissions)
  - 4,891 tonnes CO<sub>2</sub>-e (Scope 2 emissions)
- NGERs reporting for 2017/18 emissions are submitted to the Clean Energy Regulator



# DARTBROOK CARE & MAINTENANCE – Land management

- Ongoing program of slashing and mowing, property maintenance
- Drilling program & installation of new groundwater monitoring bores



# DARTBROOK CARE & MAINTENANCE – Land management continued

- Weed management, including for:
  - Broadleaf weeds on paddocks sown to oats
  - Green cestrum control on river bank
  - Boxthorn treatment at the East Site
  
- Roo control program

# DARTBROOK CARE & MAINTENANCE – Community Consultation

- Ongoing consultation:
  - Next newsletter to be prepared & distributed in late October. It will include further invitation for direct one on one consult with any interested party over MOD7
  - 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 MEETING DATE (2019)

# 2019

**January**

S	M	T	W	T	F	S
		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**

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10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28		

**March**

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24	25	26	27	28	29	30
31						

**April**

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28	29	30				

**May**

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**June**

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**July**

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**August**

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31						

**September**

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29	30					

**October**

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

**November**

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

**December**

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15	16	17	18	19	20	21
22	23	24	25	26	27	28
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**THANK  
YOU**