

CONFIDENTIAL

Dartbrook Community Consultative Committee Meeting

8th November 2017



Australian Pacific Coal

ABN : 49 089 206 986 ASX CODE: AQC

AGENDA



Australian Pacific Coal

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- 1. Opening, Safety Share, Apologies and CCC member changes**
- 2. Declaration of Pecuniary Interest**
- 3. Correspondence**
- 4. Confirmation of previous minutes**
- 5. Business Arising – MOP Progress, independant monitoring consultant**
- 6. Complaints & Incidents Summary**
- 7. General Business:**
 - Environmental Monitoring
 - Exploration Programme
 - Current and ongoing
 - Actions from previous minutes
- 8. Other Business**
- 9. Next Meeting**
- 10. Meeting Close**

1. Mining Operations Plan

- Lodged with DRG on 20 October 2017
- DRG now reviewing this to meet December 31 commitment
- Once approved will be uploaded onto AQC Website

2. NGERs Reporting

- Lodged on 30 October

Motion “That the CCC engage an appropriately qualified expert to conduct an ecological assessment of the Hunter River.....”

Preliminary PFS work has identified further ecological and water quality studies required in Hunter River and beyond

HB has been commissioned to scope this work

It is proposed that the scope of these studies be
⁴ presented to the next CCC

BUSINESS ARISING continued

3. Feasibility Study progress –

see the latest Newsletter



Dartbrook Newsletter

Issue 2 September 2017



Mine Operations Plan (MOP)

Australian Pacific Coal is continuing preparation of an updated MOP for Dartbrook, a requirement of the Mining Lease and Development Consent conditions. The objective of this updated MOP is to document the long-term care and maintenance, environmental compliance and mine closure principles and outcomes whilst outlining proposed rehabilitation activities during the three-year MOP period. As Dartbrook is currently in a care and maintenance phase, the scheduled rehabilitation activities are mainly limited to inspections and maintenance.

Australian Pacific Coal is consulting with the Department of Resources and Geoscience (DRG) and the Dartbrook Community Consultative Committee in relation to the MOP including discussion on post mining land use, rehabilitation objectives and completion criteria. The MOP is due for submission in late 2017. Once approved by the DRG, the MOP will be made available on the company website.

In parallel to the update of the MOP, Australian Pacific Coal will continue with plans for future mining at Dartbrook Mine.

DAIRY UPGRADE Muswellbrook Shire Council grants DA for expansion

Australian Pacific Coal is committed to co-existence with other local industries.

With this commitment in mind, the Dartbrook Mine has partnered with Garoka Dairy to upgrade the existing dairy at Dartbrook.

Muswellbrook Shire Council has recently granted Development Approval for this expansion.

Dartbrook Mine and Garoka Dairy will modify the existing dairy which currently caters for a 15 cow a-side herringbone design to a 50 cow rotary platform that will allow a greater efficiency in milking, improved wellbeing of cows and better DH&S standards for operators. The upgrade to the Dairy will improve the longer-term sustainability of the Farm.



Dairy farmer, Mr 'Butch' Smith said "this upgrade has been a long time coming and working with Australian Pacific Coal has secured the future viability of our farm". Mr Butch Smith and CEO of Australian Pacific Coal, Mr John Robinson are pictured at the proposed Dairy Expansion Project site.

GRAZING TRIAL

Previous owners of the Dartbrook Mine commenced a grazing trial in 2015 to demonstrate that rehabilitated land, can sustain grazing by livestock and be productive and blend with the adjacent lands.

Twenty-seven Angus and Angus/Hereford Cross steers were introduced in April 2015 and all steers remained healthy with rapid weight gain.

Farming publications indicate that with gains of 0.5kg /day for grass feed cattle to 2.5kg/day for feedlot cattle can be expected and the Dartbrook Steers on rehabilitated land have gained an average weight of 0.8kg/day over an approximate 18 month period with the highest weight gain of 2.1kg/day by late spring. Performance of these cattle is therefore comparable to good on-farm levels of production.



Subsequently 50 cows with calves were satisfactorily maintained on the rehabilitated pasture in winter-spring of 2016. There will be continued observation of grazing performance of the rehabilitated land.

Sponsorships and Donations

Australian Pacific Coal's Sponsorship and Donations Policy and Application Form are now available on the Company website for community groups in the local area to access.

Australian Pacific Coal is committed to the local community and is keen to hear from any local community groups who would like to partner with the Dartbrook Mine to support their organisation for upcoming events or fund-raising activities.

For further information, contact the community information line on 1300 131 058 or visit www.aqcitd.com

If you have any questions or would like to arrange a meeting with one of our Project Team, please contact us at either our corporate office in Brisbane or at our Mine Site Office at Dartbrook as follows:

Greg Kukla
General Manager - Project Development

P.O. Box 16330
City East QLD 4002
P: 07 3221 0679
E: info@aqcitr.com
www.aqcitd.com

Ron Connolly
Land Manager

Dartbrook Mine
Star Street, Kayuga NSW 2333
P: 02 6540 8864

Doug Stewart
Safety, Health, Environment and Community Coordinator



¹ Australian Pacific Coal
² The Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves
³ Mining Operations Plan
⁴ Environmental Impact Statement
Note - The scheduled dates are for planning purposes and as such can be subject to change



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

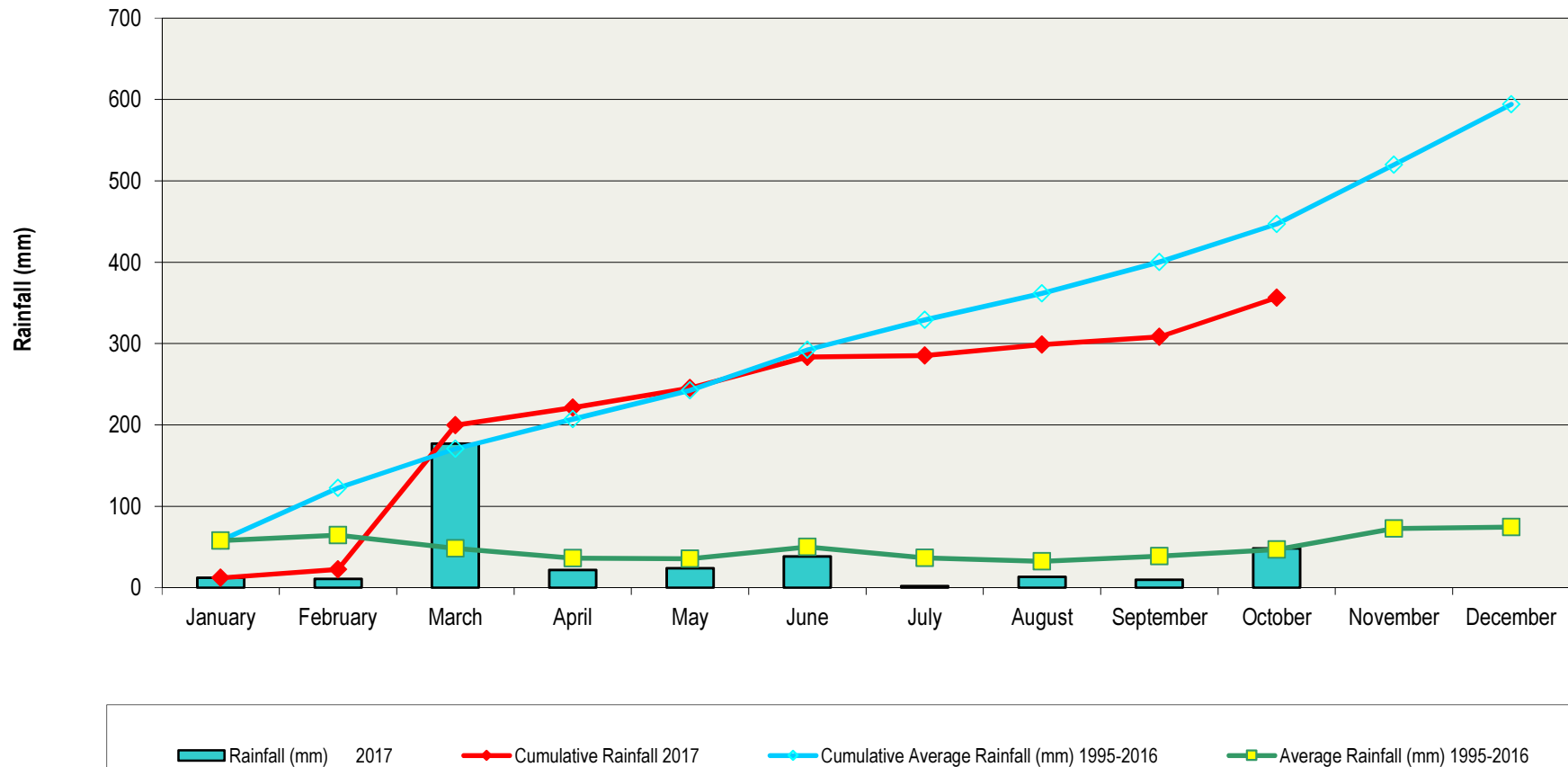
METEOROLOGICAL DATA



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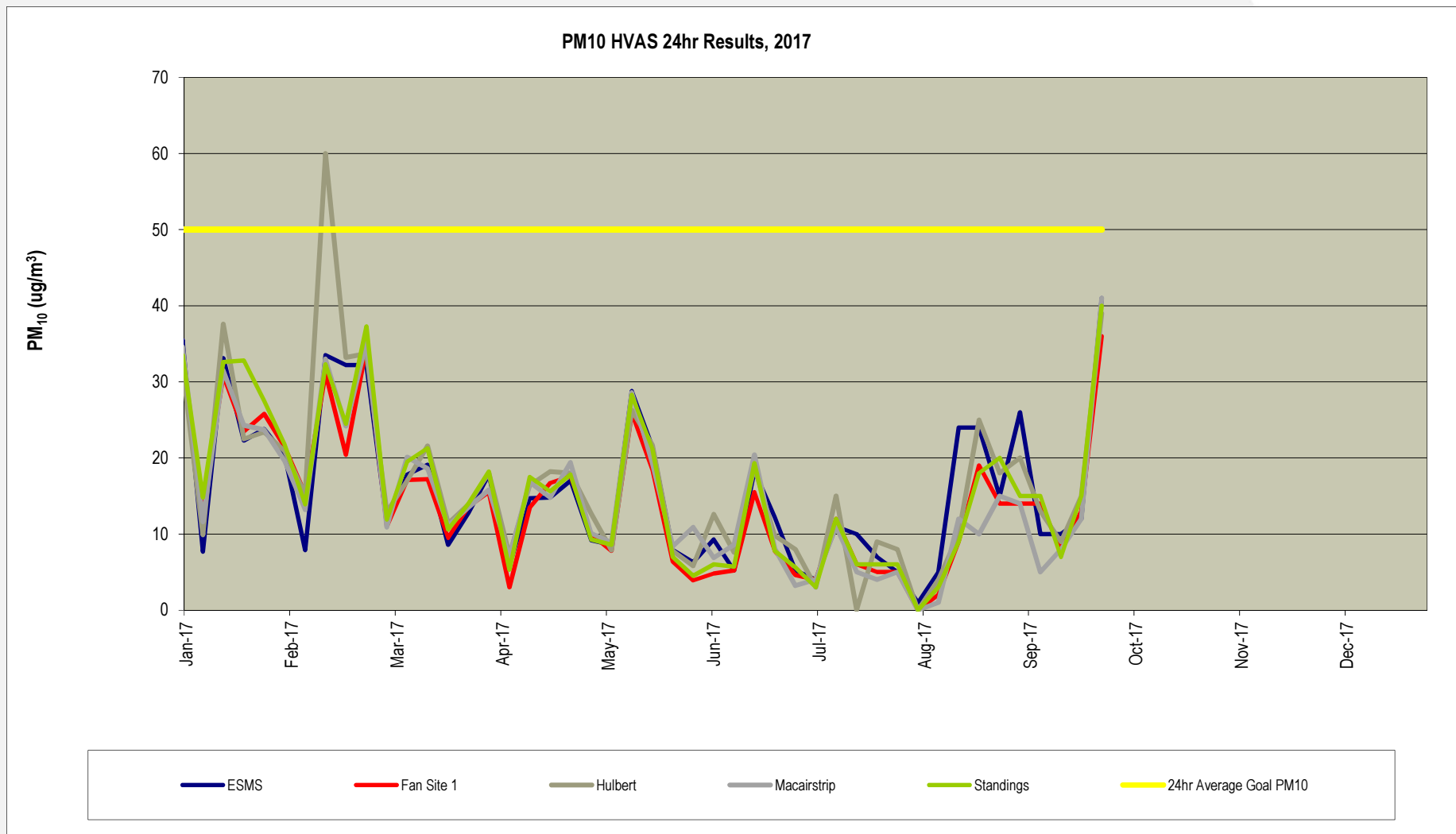
Dartbrook Monthly and Cumulative Rainfall, 2017



2016 = 690.6 mm

Dartbrook average yearly = 594 mm ie. 90.5mm above Dartbrook YTD

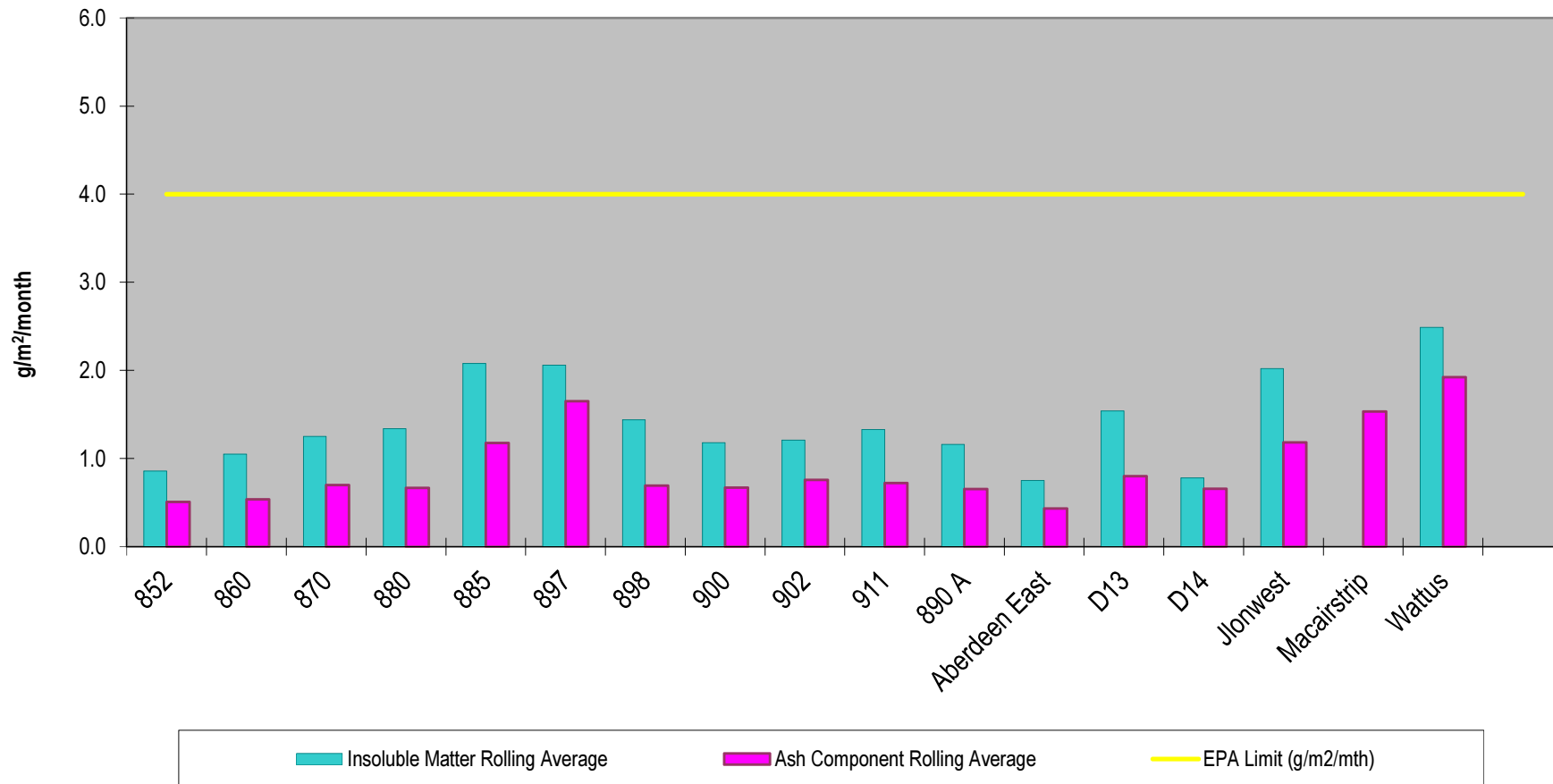
2016-17 HIGH VOLUME AIR SAMPLER DUST MONITORING



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

DEPOSITIONAL DUST MONITORING

Dust Deposition - Insoluble Matter / Ash Residue Annual Averages to September 2017



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

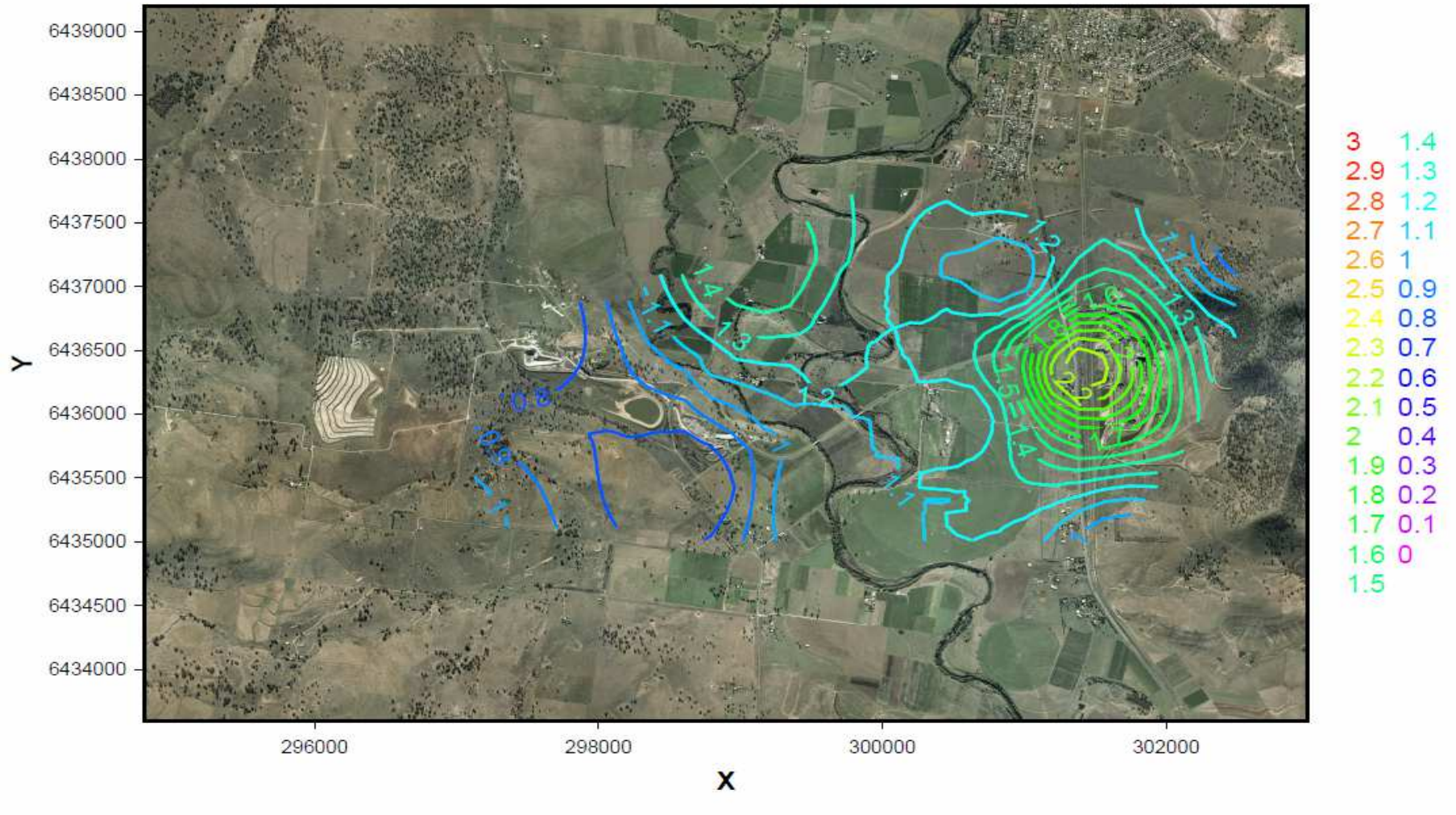
DUST ISOPLETH FOR THE ANNUAL AVERAGE INCLUDING JUNE 2017



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Depositional Dust Contours September 2017

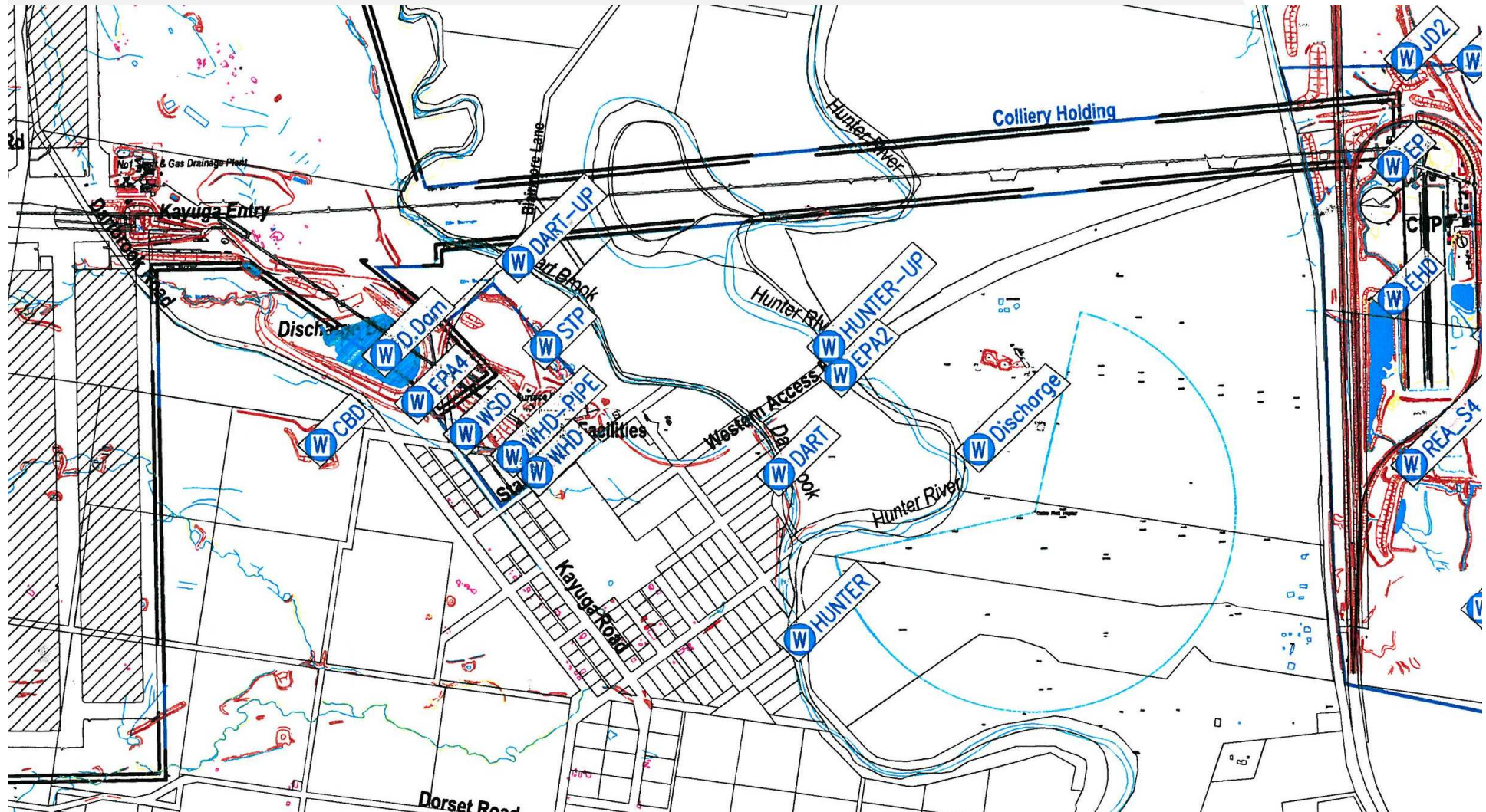


SURFACE WATER MONITORING LOCATIONS

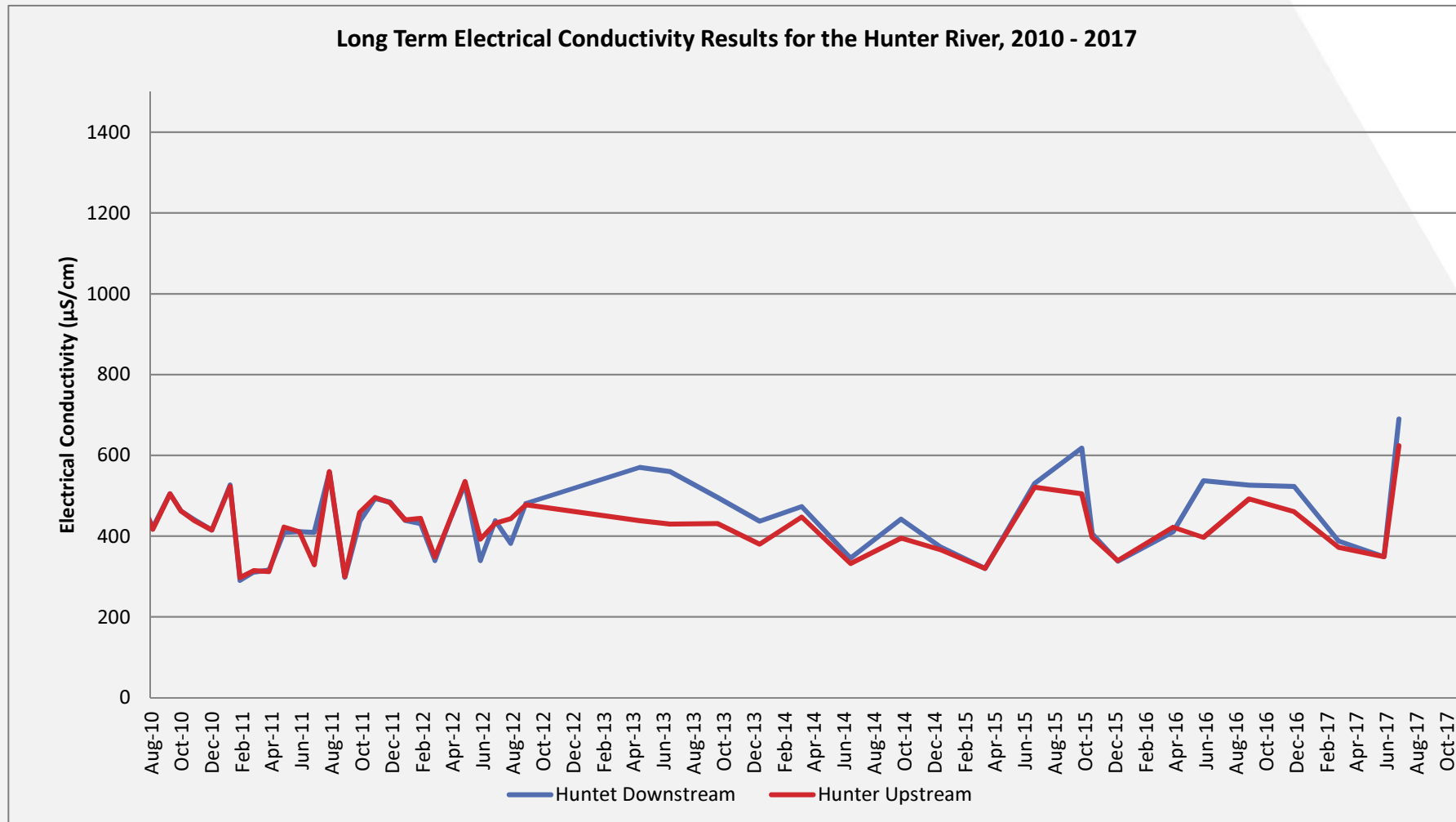


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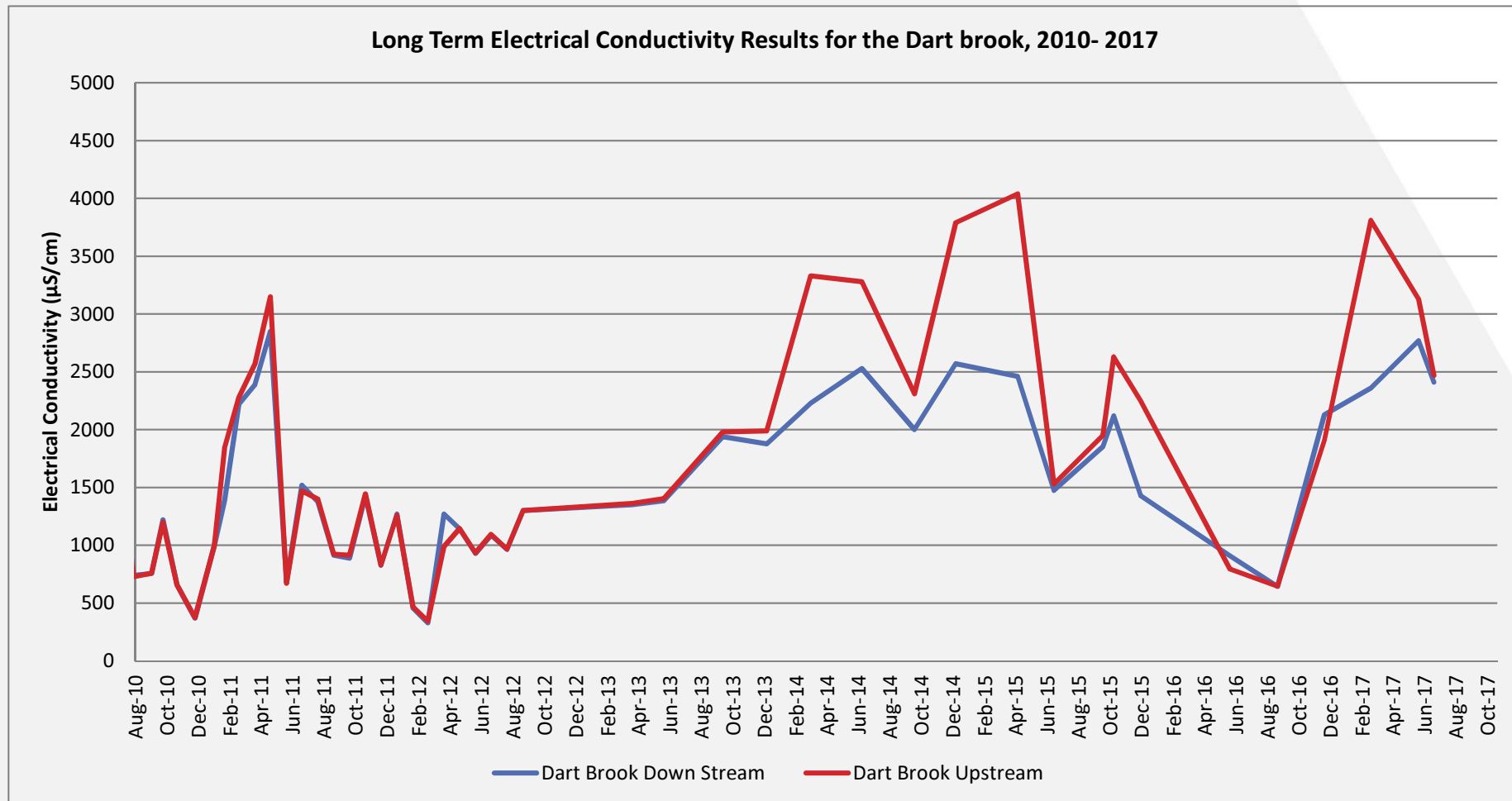


SURFACE WATER SALINITY – Hunter River



Electrical Conductivity – note negligible difference between Hunter River monitoring sites upstream and downstream of the Mine with low rainfall.

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.

- **Exploration – Pending**
- **Projects – Pre feasibility studies as discussed**
- **Care and Maintenance**
 - Rural Lands – Ongoing
 - Regulatory – Ongoing
 - Community - Ongoing

DARTBROOK CARE & MAINTENANCE – Rural Lands



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- Pig & Roo control program continues. 2017 YTD 91 Roos (NPWS licensed 200)
- Dog baiting at Kayuga (October)
- Slash / mow surrounds



November 2017

DARTBROOK CARE & MAINTENANCE – Rural lands



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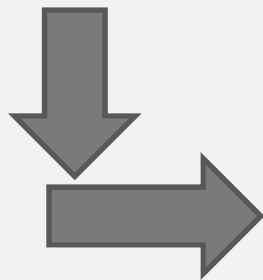
- **Housekeeping**
- **Weed control – limited to pastures as too dry**
- **Ongoing property maintenance including front gardens**
- **REA cattle grazing recommenced**
- **Kayuga Homestead upgrade commenced**



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■ Garoka Dairy/works commenced



DARTBROOK CARE & MAINTENANCE – Regulatory

- **Dartbrook's 2016-17 NGERs Report lodged on time.**
- **2017-20 MOP lodged on time.**
- **Ground water management**
 - **Ongoing C&M including use of evaporation ponds**
 - **Wynn water level generally static**



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- **Housekeeping –**
 - **Scrap steel removal commenced**
 - **Parking area refreshed.**



Roof supports

DARTBROOK CARE & MAINTENANCE – Community

- **Ongoing consultation:**
 - **Newsletter No 3 will be out before Christmas**
 - **Dartbrook Sponsorship & Donations Initiative continues to call for Applications.** <http://www.aqcltd.com/irm/content/sponsorships.aspx?RID=463>
 - **Environmental Contact Line continues to operate on 1300 131 058**

OTHER BUSINESS



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- **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				

May

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			

September

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

Designed by Anny, annystudio.com

February

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				

June

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	

October

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				

March

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	

July

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					

November

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		

April

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						

August

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		

December

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						



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**THANK
YOU**