



# **DARTBROOK MINE**

*20 March 2024*

## **Community Consultative Committee Meeting**



## **DARTBROOK MINE CCC MEETING 9.00am – 20 March 2024**

- 1. Opening, Welcome and Introductions**
- 2. Apologies**
- 3. Declarations**
- 4. Business arising from previous minutes**
- 5. Correspondence Report**
- 6. Project Update / Company Reports**
- 7. Community Questions**
- 8. General Business**
- 9. Next Meeting**
- 10. Meeting Close**





## 1. Opening, Welcome and Introductions

CCC Representatives	Initial	Present	Apology	Absent
Lisa Andrews (Independent Chair)	LA			
Geoff McKenzie (Dartbrook Mine)	GM			
Jeff Beatty (Dartbrook Mine)	JB			
James Bailey (James Bailey & Associates)	JBA			
Dorian Walsh (James Bailey & Associates)	DW			
Annette Rahn (Community Representative)	AR			
Arthur Mitchell (Community Representative)	AM			
Jennifer Lecky (Community Representative)	JL			
Tony Lonergan (Community Representative)	TL			
De-Anne Douglas (Wanaruah LALC Representative)	DD			
Theresa Folpp (MSC Representative)	TF			
Paul Smith (UHSC Representative)	PS			
Allison McPhee (UHSC Representative)	AM			

## 2. Apologies – Refer above





### 3. Declarations

- Any declarations of pecuniary interests?

### 4. Business arising from previous meeting

- No actions arising.





### Correspondence Received

- 22/12/23 – Email to members with the draft minutes of December CCC meeting for review.
- 5/01/24 – Email to members with the finalised minutes of December CCC meeting together with Presentation, ToR and governance forms.
- 18/01/24 – Email from JB & GM with completed governance forms. Acknowledged.
- 30/01/24 – Email from TF requesting information on the Dartbrook funding package announced in the media. Emailed to JB for response.
- 8/02/24 – Email from AR wanting to speak with Dartbrook on behalf of a third party. Forwarded to JB the next day, who contacted AR in response.
- 12/03/24 – Email to members with the meeting notice and agenda for this meeting.





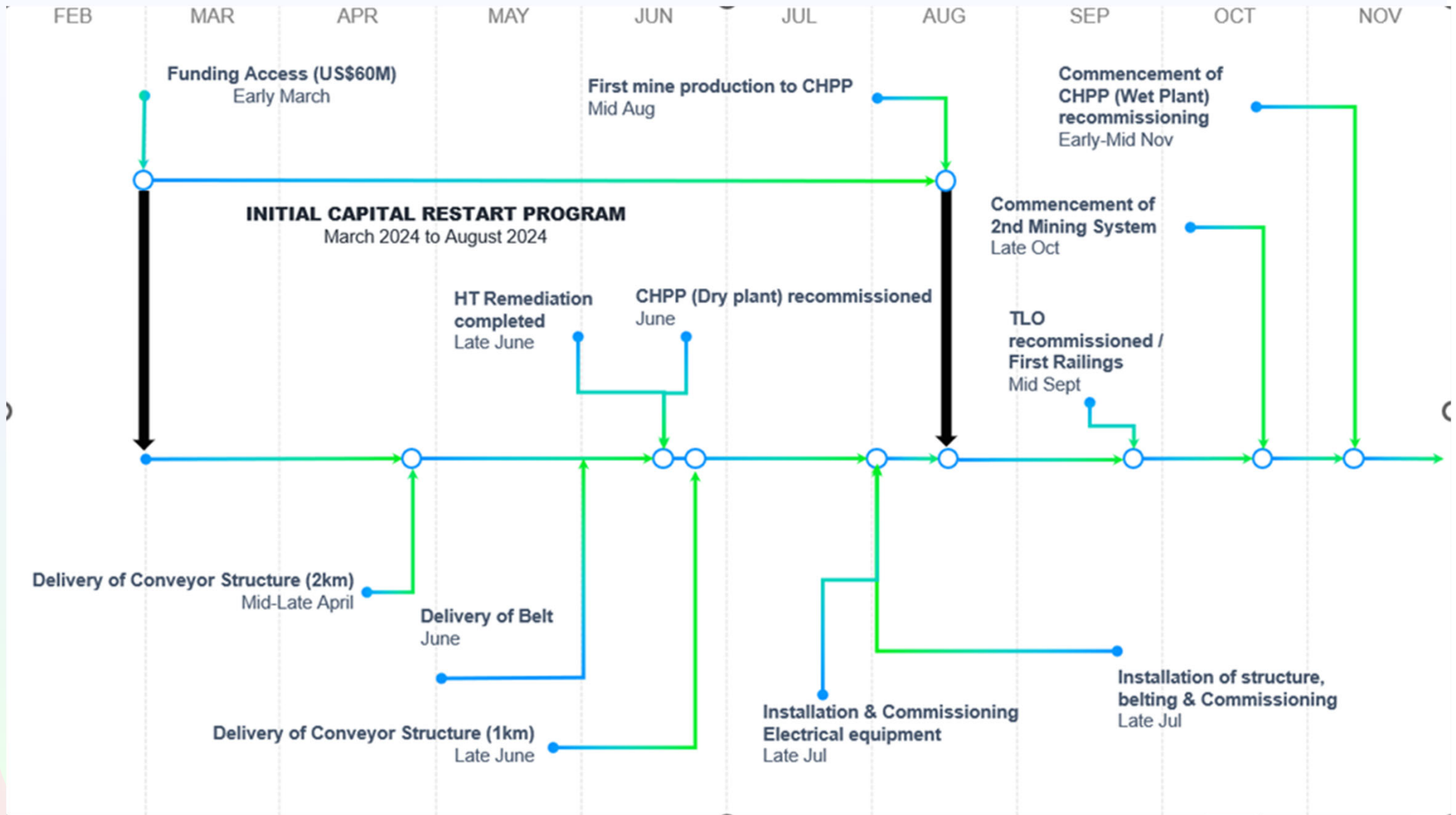
### Funding Update

- Dartbrook JV has signed off on a funding package from Vitol Asia
- Vitol Asia is a subsidiary based in Singapore and has provided a US\$60M debt facility for the re-start of the Dartbrook Mine. The funds are to be drawn down monthly once key milestones have been delivered. These key milestones have been developed in consultation with the Mine Operator Tetra Resources.
- In addition to the funding agreement, Vitol will be the sole coal sales and marketing agent for the Dartbrook Coal.
- Dartbrook Mine will be an unincorporated Joint Venture operation, a “strategic partnership” between:
  - Tetra Resources (Tetra Dartbrook) 20%
  - Australian Pacific Coal (AQC) 80%
- Tetra will form Dartbrook Operations Pty Ltd and will be appointed as the Mine Operator of Dartbrook Mine.





## Project Timeline





### **Inaugural Dartbrook Community Funding Investment Meeting Muswellbrook Shire Council**

- Dartbrook through our Voluntary Planning Agreement (VPA) invests \$500k per year
- The investment is allocated to community projects
- The VPA was signed March 2022 and the invest total to date is ~\$1.5M

#### **Projects for 2023/24**

- |   |        |
|---|--------|
| • Muscle Creek Emergency Stabilisation          | \$250k |
| • Flying Fox habitat at Denman                  | \$80k  |
| • Art Centre Renewals & Off-site storage design | \$305k |

#### **Projects for 2024/25**

- |  |        |
|--|--------|
| • Shared pathway – construction of Hunter Beach to CBD | \$400k |
| • Arts Centre off site storage                         | \$516k |

### **Upper Hunter Shire Council**

- Dartbrook's VPA investment is \$105k per year

**Dartbrook web page operating: [www.dartbrook.com.au](http://www.dartbrook.com.au)**







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INTERNATIONAL WOMEN'S DAY • 8TH MARCH



Siena Linforth pictured at Dartbrook Mine with Ruf McLean, Mark Scott and Bobby Drew (photo supplied)

## Siena, an Engineering Force

Siena Linforth describes her attendance at an International Women's Day event as the lightbulb moment that pushed her towards her chemical engineering path.

"I was from Gladstone which is a huge industrial town where everyone's dad and uncles work in industry but few mums or auntsies so listening to women speak about their incredible careers in industry was very empowering," Siena said.

Siena always did well at school and loved her science and maths subjects, but was always encouraged towards a career in health.

However exposure to programs through the Queensland Mining and Energy Academy opened her interest in engineering.

Now a second year

chemical engineering student at Queensland University of Technology in Brisbane, Siena seized an opportunity to spend her summer uni break to work at Dartbrook Underground Mine.

"It has been amazing. I am having opportunities here that I would never get fresh out of uni, some of the roles I am doing I would typically be lucky to get five years in to my career, let alone during my studies" Siena said.

So impressed with her opportunities at Dartbrook, Siena has postponed her uni degree for six months so she can take in every hands-on learning opportunity she has been.

"I have been working in

lots of different departments, from engineering, maintenance and production and helping to streamline a lot of different systems. Dartbrook has been in a care and maintenance for some time and it is nice to work with teams of colleagues with all sorts of backgrounds and experiences to improve the processes," Siena said.

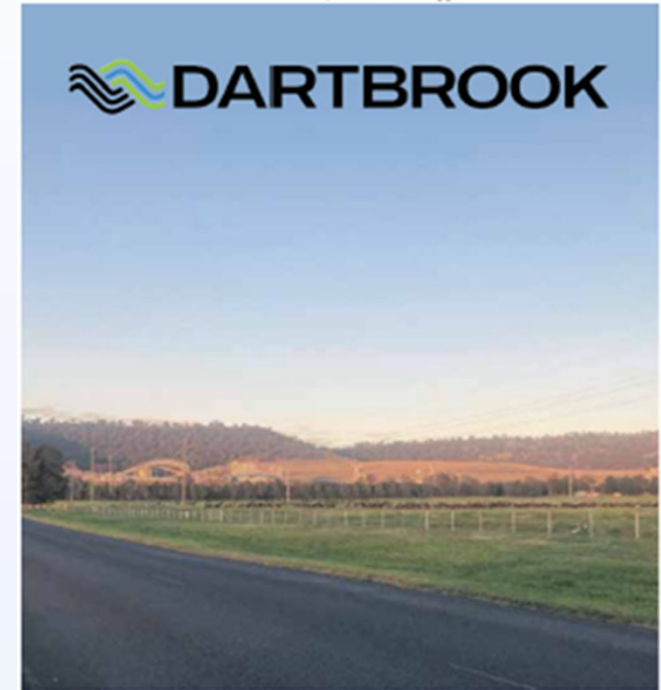
Tetra Resources Jeff Reaty said Siena has fitted in extremely well in a very matured (old coal mines) predominantly male environment.

"She is designing work systems, running morning meetings, designing and updating spreadsheets, communications developments and going underground with the teams on a daily basis," Jeff said.

Siena says she is so privileged to work in an industry she loves and cannot wait to see what the future holds.



# DARTBROOK



Proudly Supporting International Women's Day

[www.dartbrook.com.au](http://www.dartbrook.com.au)

Friday 1st March 2024

Dartbrook presented by request from the Hunter River Times, an article on our vacation student Ms. Siena Linforth for International Women's Day. Siena is a Chem Eng student from QUT and is assisting our Engineering team with a range of activities. Siena has been with us for a couple of months and to her credit has fitted in so well with our group, not only has she lowered the workforce average age but has contributed extensively with data management and systems development plus other tasks.





- Environmental Monitoring Results & Activities
- Complaints Register
- Land Management Activities





- Consultation since the previous CCC meeting has been completed with:
  - EPA, over the application to vary the Dartbrook Environment Protection Licence 4885. The updated licence was issued on 8 February
  - Dams Safety NSW, which conducted an audit of the safety documentation for the Staged Discharge Dam
  - DPHI, to notify them of elevated HVAS monitoring results in December, followed by an investigation which determined that Dartbrook was not a cause of the exceedances.





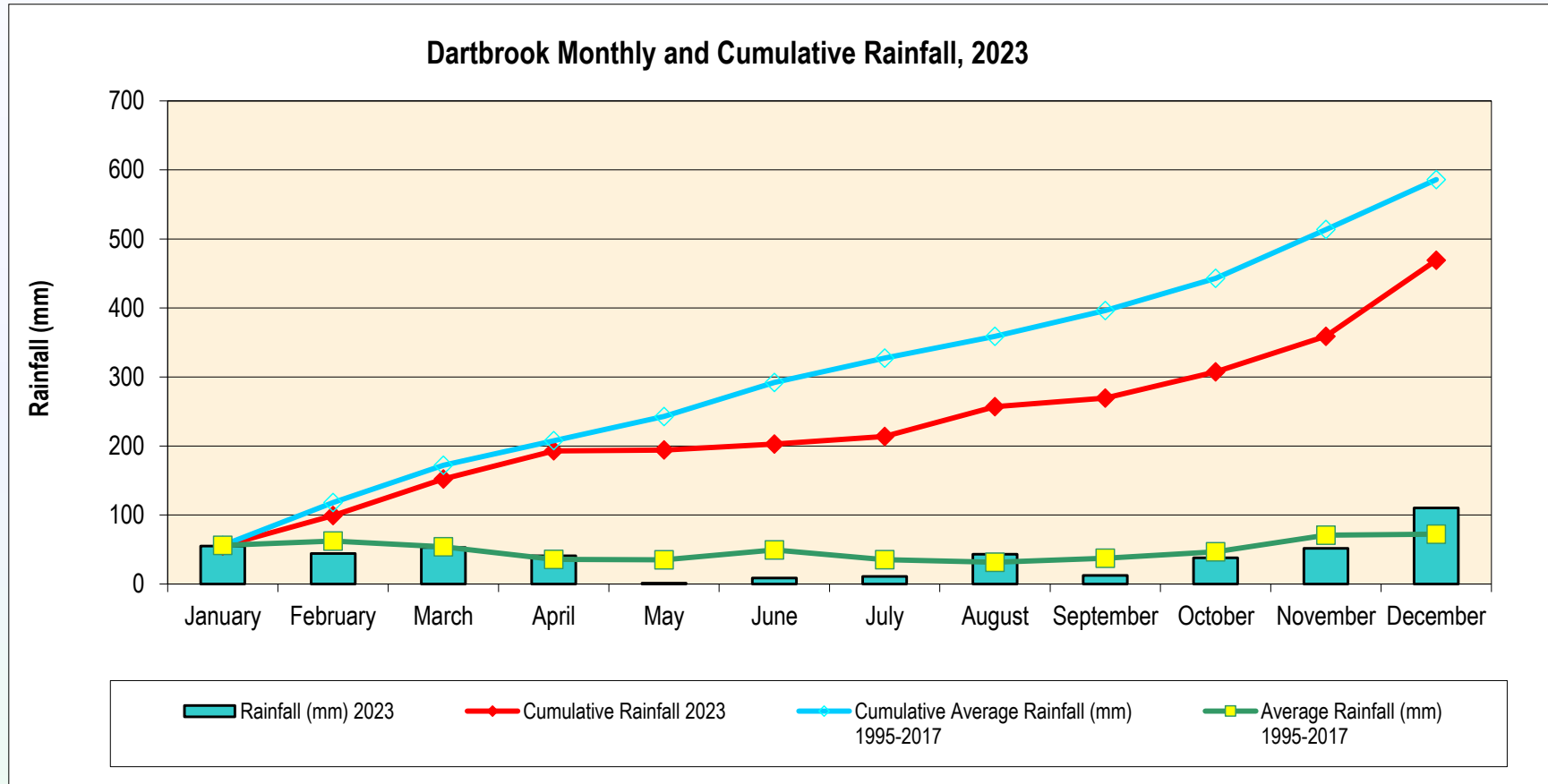
### **Environmental Monitoring Update:**

- Rainfall
- High Volume Air Sampling
- Dust Deposition
- Surface Water – Hunter River and Dart Brook





## Environmental Monitoring Update:

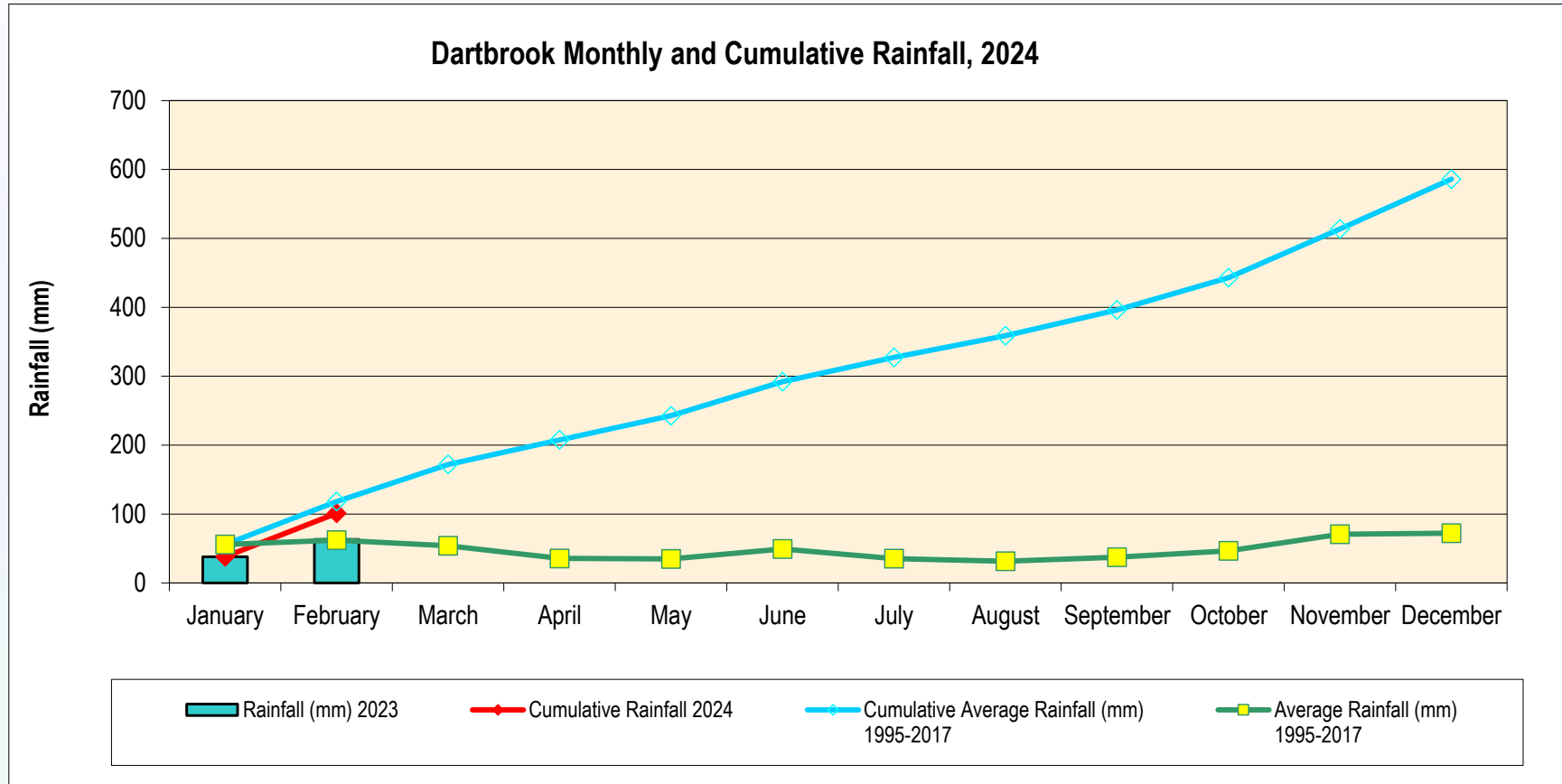


2023 rainfall: ~ 469.2 mm for calendar year  
Dartbrook average yearly rainfall 1995-2017= 586 mm





## Environmental Monitoring Update:

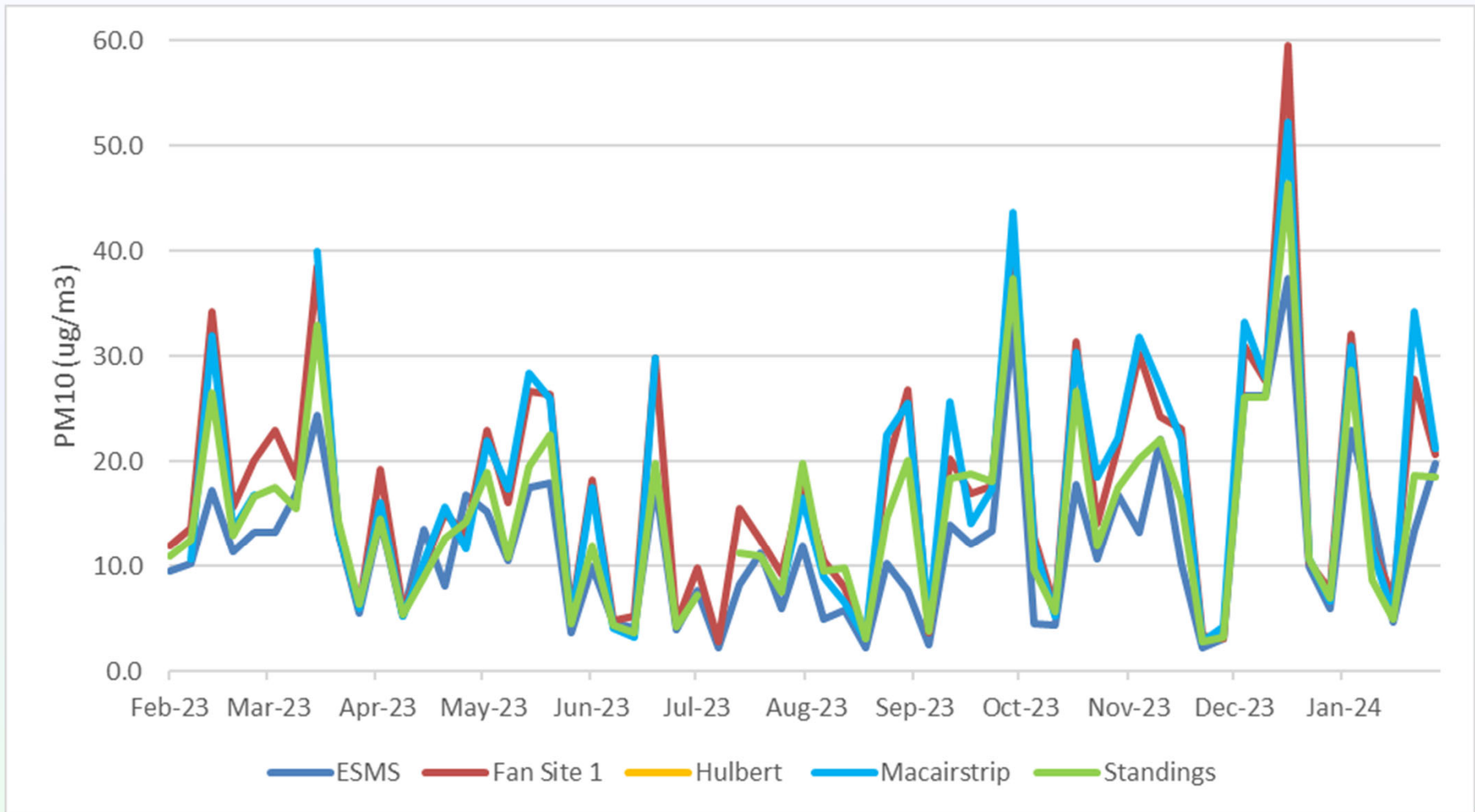


Dartbrook average yearly rainfall 1995-2017= 586 mm

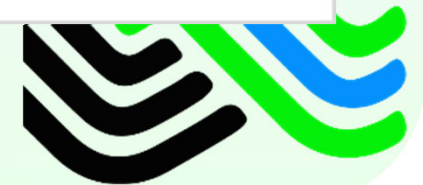




## Environmental Monitoring Update:

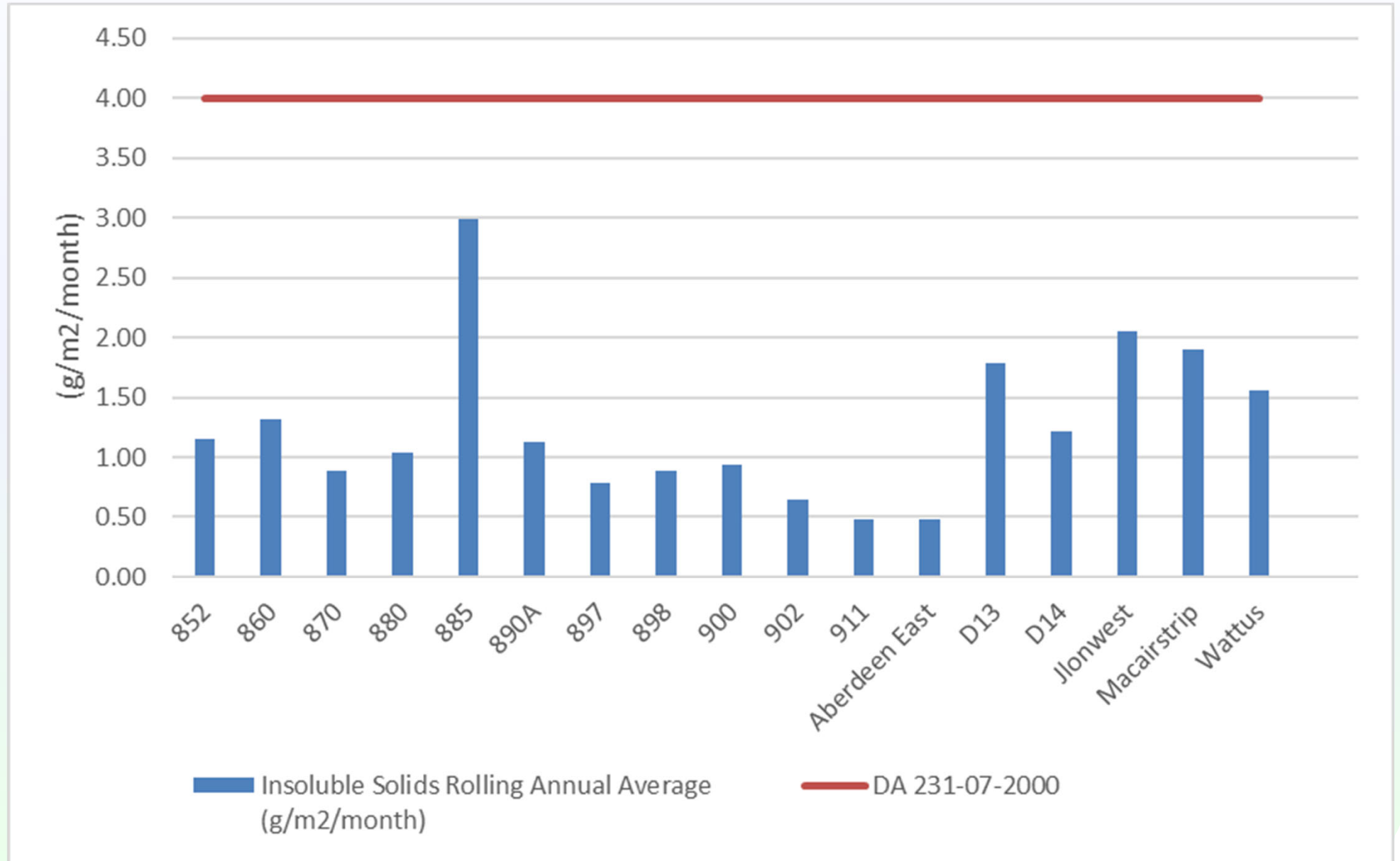


PM<sub>10</sub> (Particulate Matter <10 $\mu\text{m}$ ) NEPC guideline limit is 50 $\mu\text{g}/\text{m}^3$





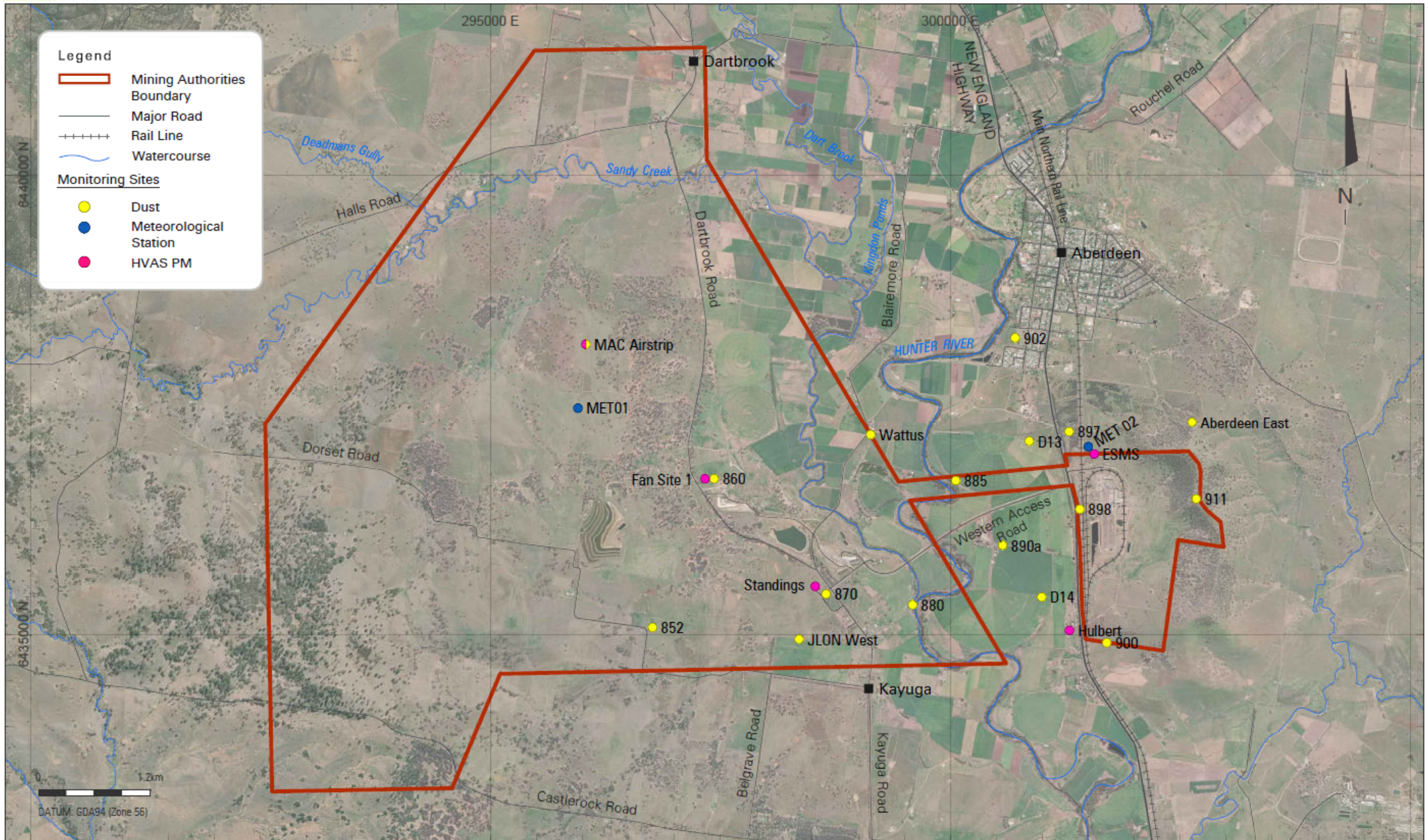
## Environmental Monitoring Update:





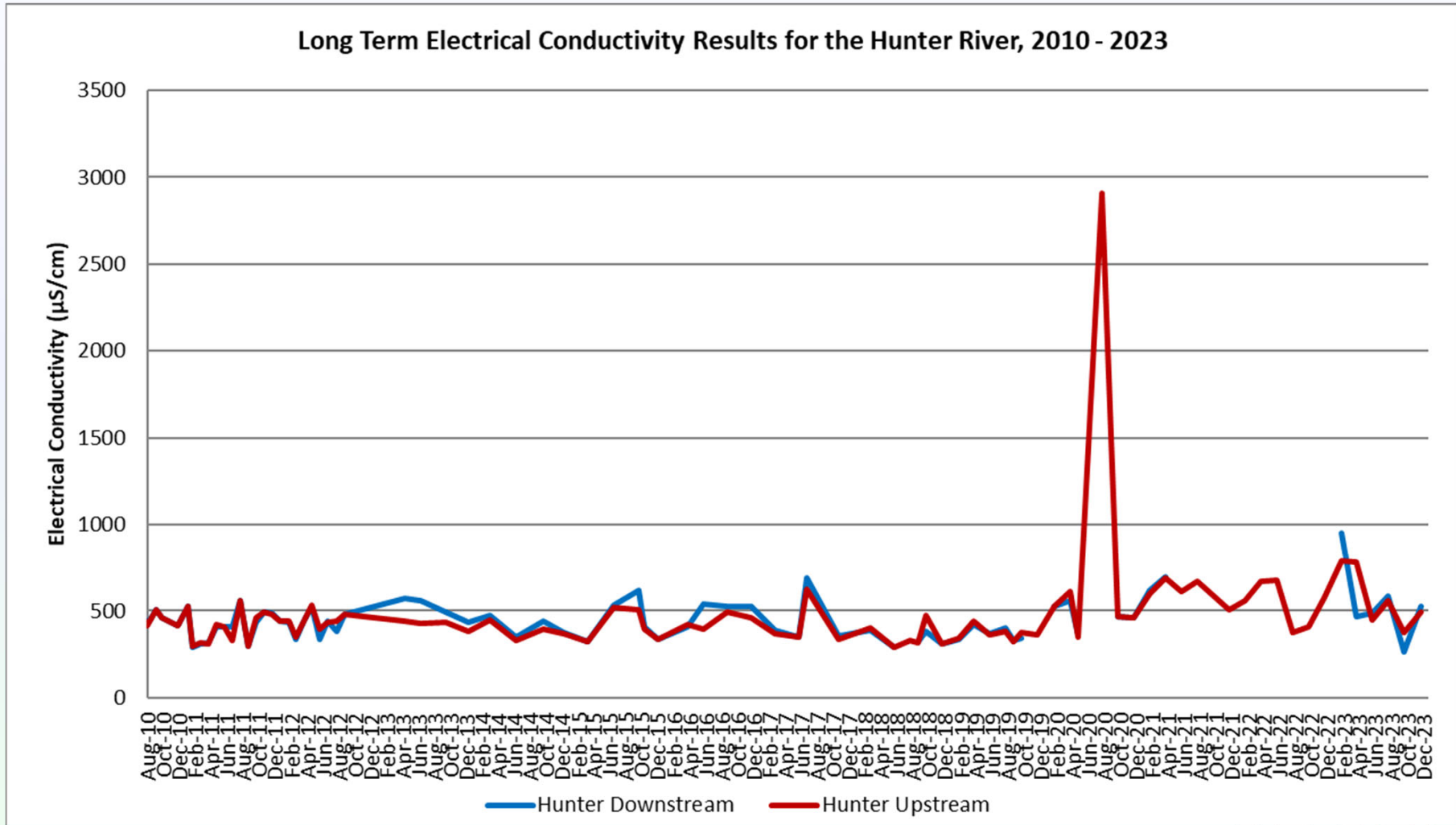


# 6. PROJECT UPDATE / COMPANY REPORTS



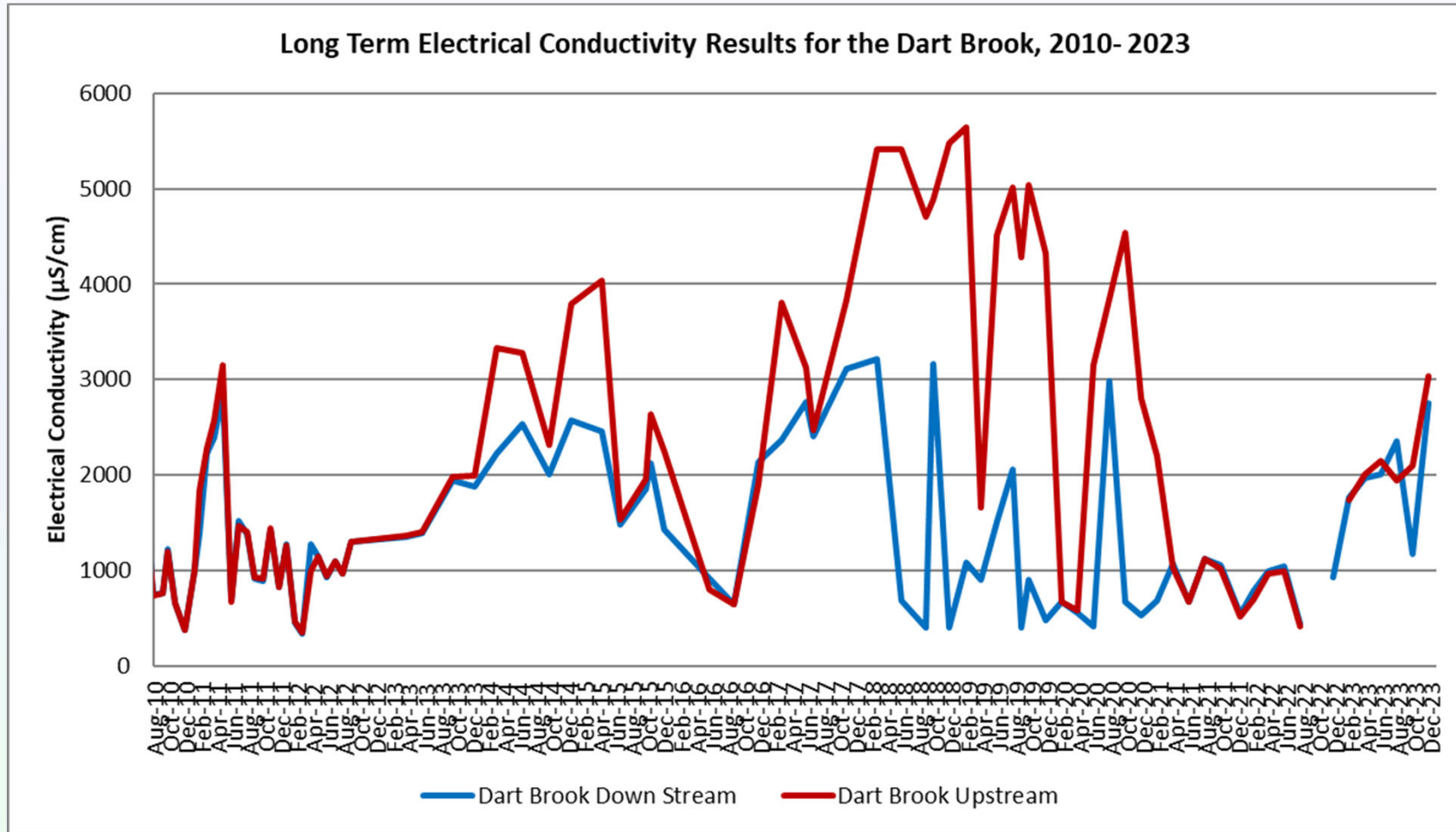


## Environmental Monitoring Update:





## Environmental Monitoring Update:





### Environmental Monitoring Summary:

- Elevated HVAS results above PM10 24-hour criteria of 50  $\mu\text{g}/\text{m}^3$  were recorded on 19/12/23 at two sites:
  - Fan Site 1: 59.5  $\mu\text{g}/\text{m}^3$ ; and
  - Macairstrip: 52.3  $\mu\text{g}/\text{m}^3$ .
- DPHI were notified of the results and a review was completed by an air quality specialist.
- The review found that Dartbrook activities did not contribute 50  $\mu\text{g}/\text{m}^3$  (or greater) of the measured results and noted that the results were influenced by a regional event.

### Environmental Incidents and Complaints

- No environmental incidents or complaints since the previous CCC meeting.





## 7. COMMUNITY QUESTIONS

- Discussion of questions from CCC representatives





## 8. GENERAL BUSINESS

- Discussion of any other general business or questions
- Business for the next CCC meeting?





# 10. NEXT MEETING DATE

### January

Su	M	Tu	W	Th	F	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			

### February

Su	M	Tu	W	Th	F	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		

### March

Su	M	Tu	W	Th	F	Sa
					1	2
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17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

### April

Su	M	Tu	W	Th	F	Sa
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14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

### May

Su	M	Tu	W	Th	F	Sa
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12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

### June

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

### July

Su	M	Tu	W	Th	F	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			

### August

Su	M	Tu	W	Th	F	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

### September

Su	M	Tu	W	Th	F	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					

### October

Su	M	Tu	W	Th	F	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		

### November

Su	M	Tu	W	Th	F	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

### December

Su	M	Tu	W	Th	F	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				

