

## Austar Coal Mine

### Community Consultative Committee Meeting Minutes

Location: LTCC Meeting Room, Austar CHPP  
 Time: 9:24am – 10:20am  
 Date: 28 November 2018

Name	Representative
Margaret MacDonald-Hill (MMH)	Independent Chairperson
Ashlee Baker (AB)	Community Representative
Alan Smith (AS)	Community Representative
Carly McCormack (CM)	Austar Coal Mine
Josh Chadwick (JC)	Austar Coal Mine
<b>Apologies</b>	
John Rayner (JR)	Community Representative
Peter Sturrock (PS)	Community Representative
Councillor Mark Lyons (ML)	Cessnock City Council Representative
Brian Wesley (BW)	Austar Coal Mine
<b>Copy of minutes</b>	
Councillor Bob Pynsent	Mayor of Cessnock City Council
Mr Joel Fitzgibbon MP	Federal Member for Hunter
Mr Clayton Barr	State Member for Cessnock
Mr Howard Reed	NSW Department of Planning & Environment
Ms Valerie Phillips	Librarian, Cessnock City Council

Item	Issue	Action	Date
<b>1</b>	<b>Welcome</b>		
	MMH – Opened the meeting 9:24am Apologies noted MMH to confirm ML still Austar’s designated committee member.	MMH confirmed	Completed 29/11/2018
<b>2</b>	<b>Declaration of Interests</b>		
	MMH asked for changes to previous declarations of interest <ul style="list-style-type: none"> <li>• MMH – no change</li> <li>• No changes to declarations of interests for other members</li> </ul>		
<b>3</b>	<b>Confirmation of Previous Minutes</b>		
	The minutes of the previous meeting were considered representative of that meeting. AB moved, CM seconded.		
<b>4</b>	<b>Business Arising from Previous Minutes</b>		
	Site underground visit for Council and CCC members rescheduled to February due to site constraints (moving from longwall panel B4 to B5).		
<b>5</b>	<b>Correspondence</b>		
	In 28/9/2018 – CM sent Annual Review to CCC members. Some members stated that they had not received this (MMH, AB). Follow-up actions assigned to ensure members received a copy.	CM to check email address and resend to MMH  JC to print copy for AB	Completed 28/11/2018  To do

<b>6</b>	<b>Current Operations, Environmental Monitoring Update, Complaints</b>		
	CM – provided update on environmental performance, environmental monitoring, community complaints and community sponsorships.		
<b>7</b>	<b>General Business</b>		
	<p>AB asked if the November 2016 CCC Guidelines were the most up-to-date and what was in use by the Austar CCC. MMH confirmed that they were and that she would provide any updated version when one becomes available.</p> <p>The Annual Review was submitted 28 September 2019. MMH stated it would be timely to coordinate the Chairperson’s Annual statement to DPE around this time also, if possible.</p> <p>CM confirmed that longwall panels B5 and B6 in the Bellbird South mining area are still scheduled for extraction next year and that a decision on continuation of mining in the Stage 3 area is yet to be made.</p> <p>AS enquired as to the Yancoals company structure and how it relates to the ‘Sharing the Benefits’ scheme.</p>	CM to provide information	
<b>8</b>	<b>Meeting Dates</b>		
	<ul style="list-style-type: none"> <li>▪ <b>2019 meeting dates:</b> <ul style="list-style-type: none"> <li>○ 20 February 2019</li> <li>○ 29 May 2019 (AB unable to attend)</li> <li>○ 28 August 2019</li> <li>○ 27 November 2019</li> </ul> </li> </ul>		
<b>10</b>	<b>Meeting Closed</b>		
	<p>MMH – Wished everyone a Merry Christmas and a safe, healthy and happy New Year.</p> <p>Declared the meeting closed at 10:20am.</p>		

Recorded: Josh Chadwick 28/11/2018

Minutes Confirmed: To be confirmed at next meeting

Chairperson – Margaret MacDonald-Hill



# Agenda

1. Welcome / Apologies
2. Declaration of interests
3. Confirmation of previous minutes
4. Business arising from previous minutes
5. Correspondence
6. Current operations / Environmental monitoring update / Complaints
7. General business / Community Sponsorship
8. Next meeting / Meeting close



# Current Operations



## UNDERGROUND

- Mining is continuing in the Bellbird South mining area. Longwall B4 is nearing completion of the reduced total panel length of 849m.
- The total length of LWB4 was 1,125m but has now been shortened to 849m due to potentially elevated coal burst risk for the abandoned portion of the panel.
- Destress drilling was carried out in LWB4 to enable the continued forward movement of the longwall until it reached the next roadway allowing removal from the panel.
- Following the completion of LWB4, the longwall equipment will be relocated to panel LWB5 where extraction is expected to commence in January 2019.
- The Stage 3 project continues to be assessed.

# Current Operations

## CHPP

- Mining limitations since May have meant that there has been very limited coal conveyed from the mine to the wash plant.
- Two train loads of coal were railed to the Port in October with three more planned before the end of the year.
- CHPP staff are continuing with maintenance around the plant.



# Environmental Incidents

## Environmental Incidents (28 August 2018 - 27 November 2018)

### Air Quality Criteria Exceedance

- Austar Coal Mine recorded monitored results that exceeded the 24-hour average Particulate Matter <10µm (PM<sub>10</sub>) criterion of 50 µg/m<sup>3</sup> on:
  - Wednesday 21 November - 50.8 µg/m<sup>3</sup>
  - Thursday 22 November - 131.9 µg/m<sup>3</sup>
  - Friday 23 November - 81.9 µg/m<sup>3</sup>
- The monitored results were reported to DPE Compliance on 23 and 26 November.
- It is believed the exceedances were due to the State-wide dust storms and not Austar's operations
- DustWatch (NSW OEH) issued dust alerts for 21, 22 & 23 November
- Limited operations were occurring at Austar during the period with a site wide power outage during the day on Thursday for maintenance purposes. Coal was transported from the mine to CHPP, however the CHPP did not operate
- The graphs in the Air Quality section of this presentation do not contain the above information, however will be updated to include November data for the next CCC meeting

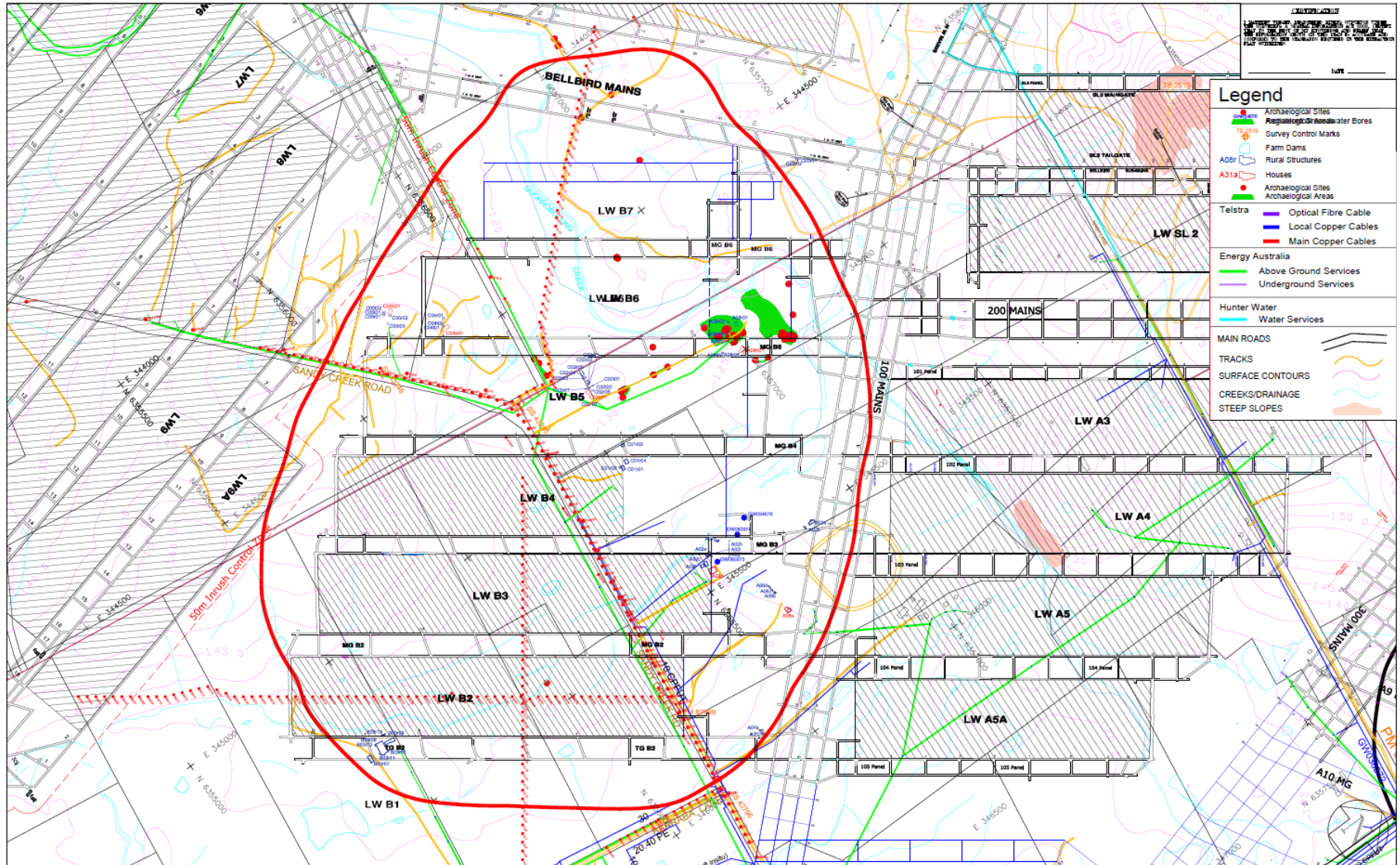
# Environmental Monitoring Update

# Subsidence

- Subsidence surveys are ongoing along the Sandy Creek Road monitoring line
- Maximum recorded surface level movement on Sandy Creek Road is approximately 489 mm as surveyed 31 October 2018



# Subsidence



- ### Legend
- Archaeological Sites
  - Archaeological Areas
  - Survey Control Marks
  - Farm Dams
  - Rural Structures
  - Houses
  - Archaeological Sites
  - Archaeological Areas
  - Telstra
    - Optical Fibre Cable
    - Local Copper Cables
    - Main Copper Cables
  - Energy Australia
    - Above Ground Services
    - Underground Services
  - Hunter Water
    - Water Services
  - MAIN ROADS
  - TRACKS
  - SURFACE CONTOURS
  - CREEKS/DRAINAGE
  - STEEP SLOPES

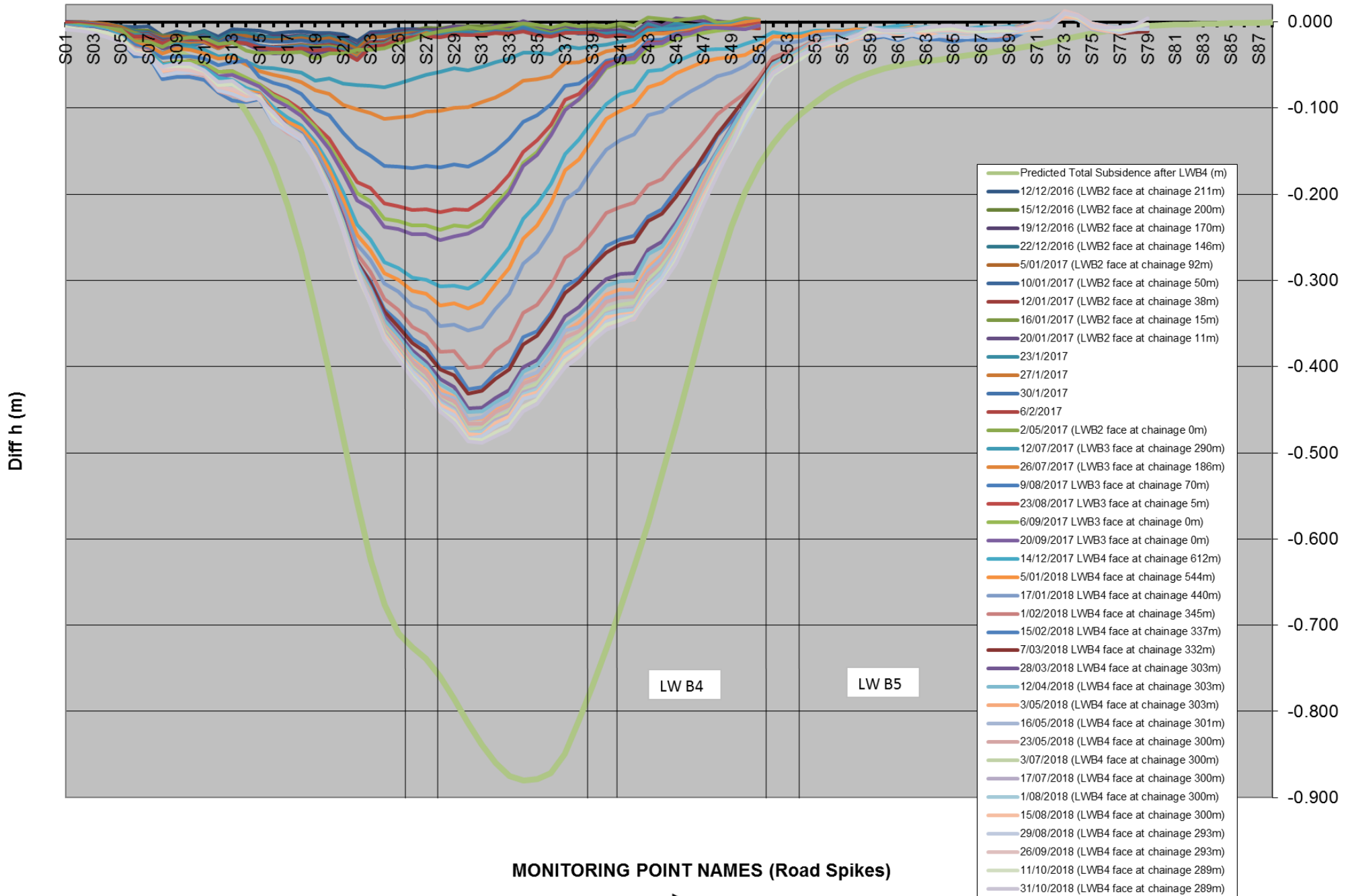


- PROPOSED WORKINGS SHOWING ROADWAY CENTRE DIMENSIONS
- EXISTING WORKINGS
- EXISTING SUBSIDENCE MARK
- PROPOSED SUBSIDENCE LINES

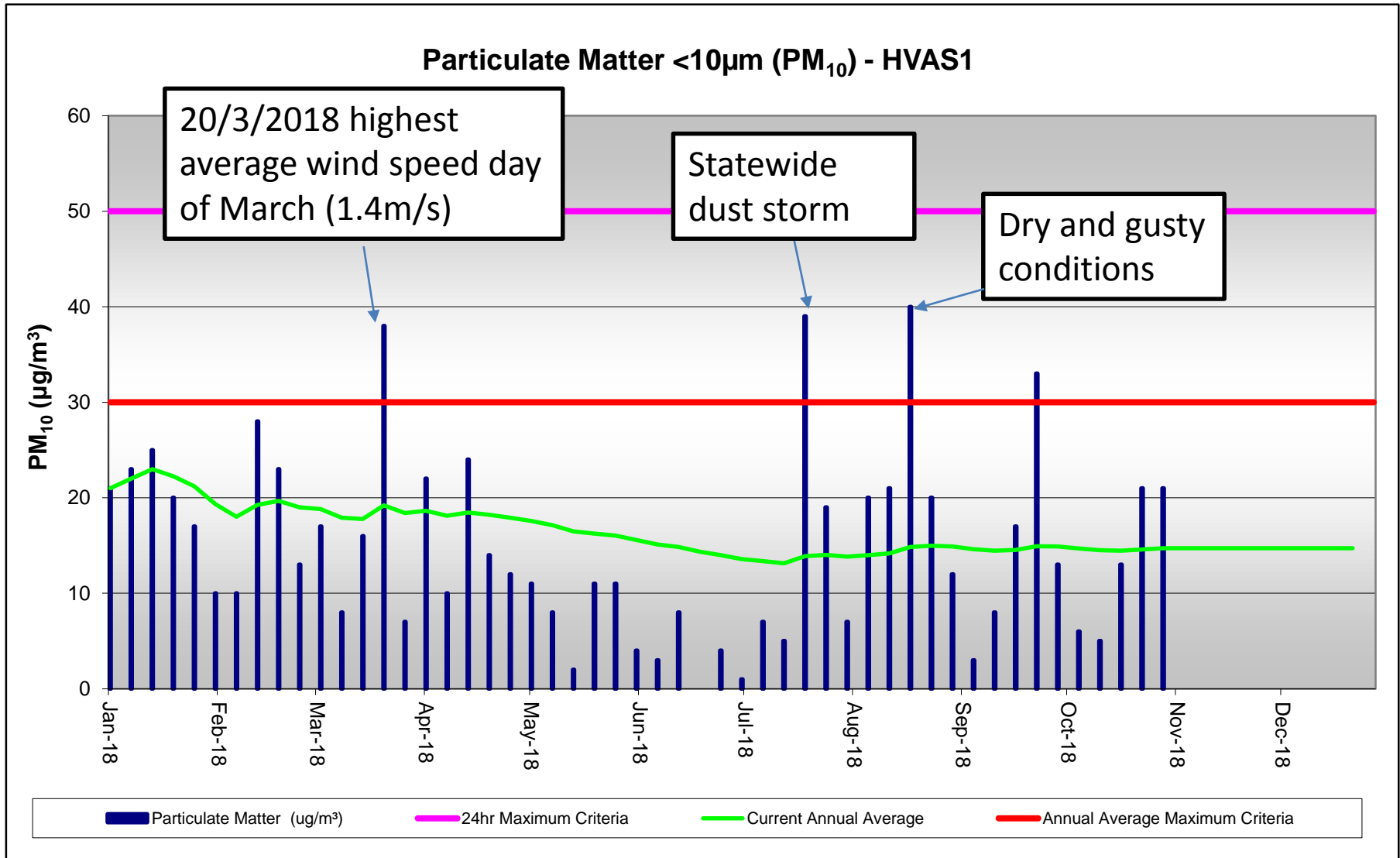
- ### LEGEND
- LWB4 - B7 EXTRACTION PLAN AREA
  - LONGWALL EXTRACTED AREA
  - SURFACE CONTOURS

DRAWN M. WRIGHT REVISION DATE 27/08/2018 MINING ENGINEERING MANAGER DATE	<b>AUSTAR COAL MINE</b> YANCOAL MINING SERVICES PTY LTD
<b>SUBSIDENCE MONITORING SURVEY PLAN</b>	
SCALE 1:5000	DRAWING NO. GEN18029 REV 0 AUSTAR COALMINE

### Subsidence- LINE "SCR1"

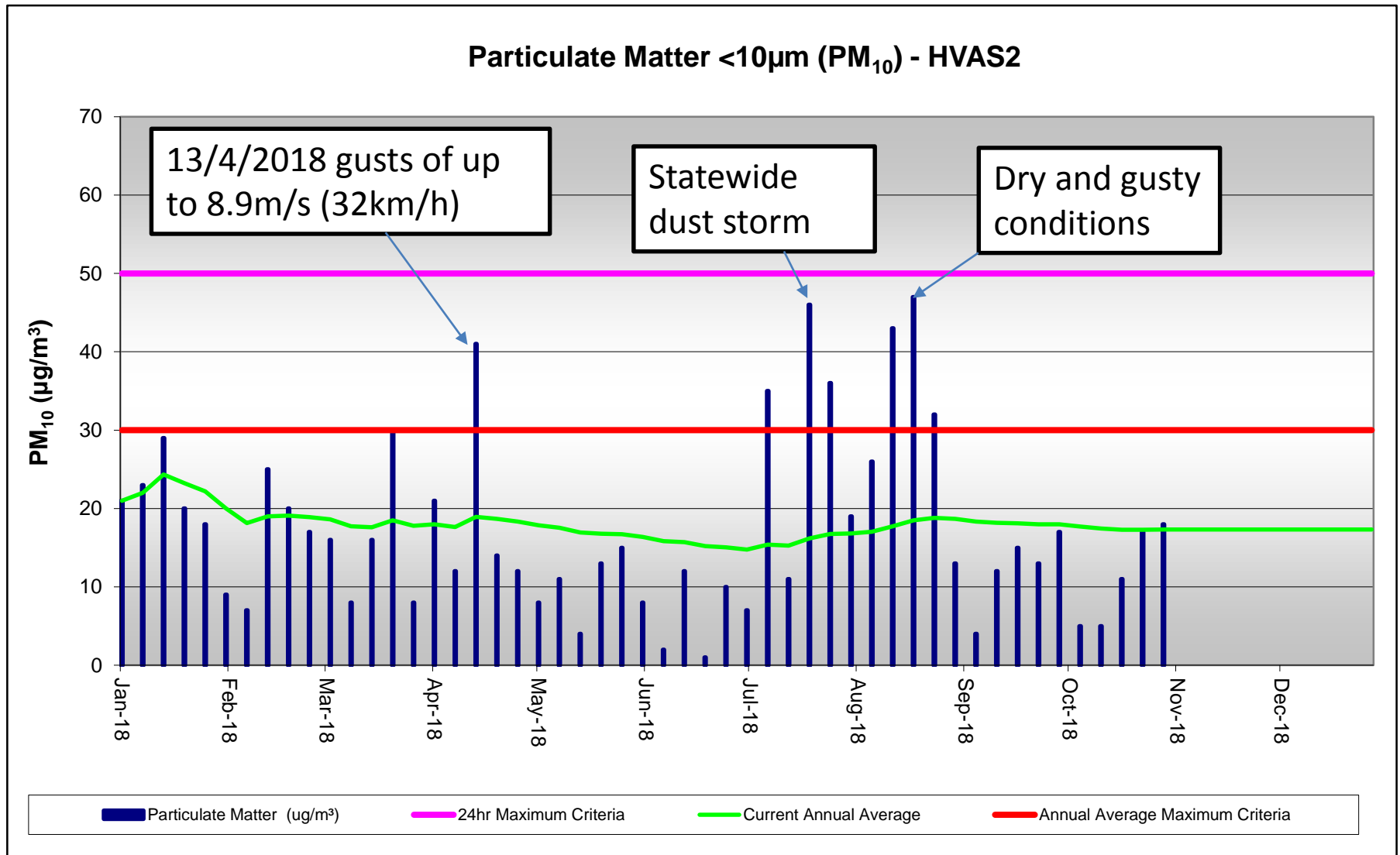


# Air Quality

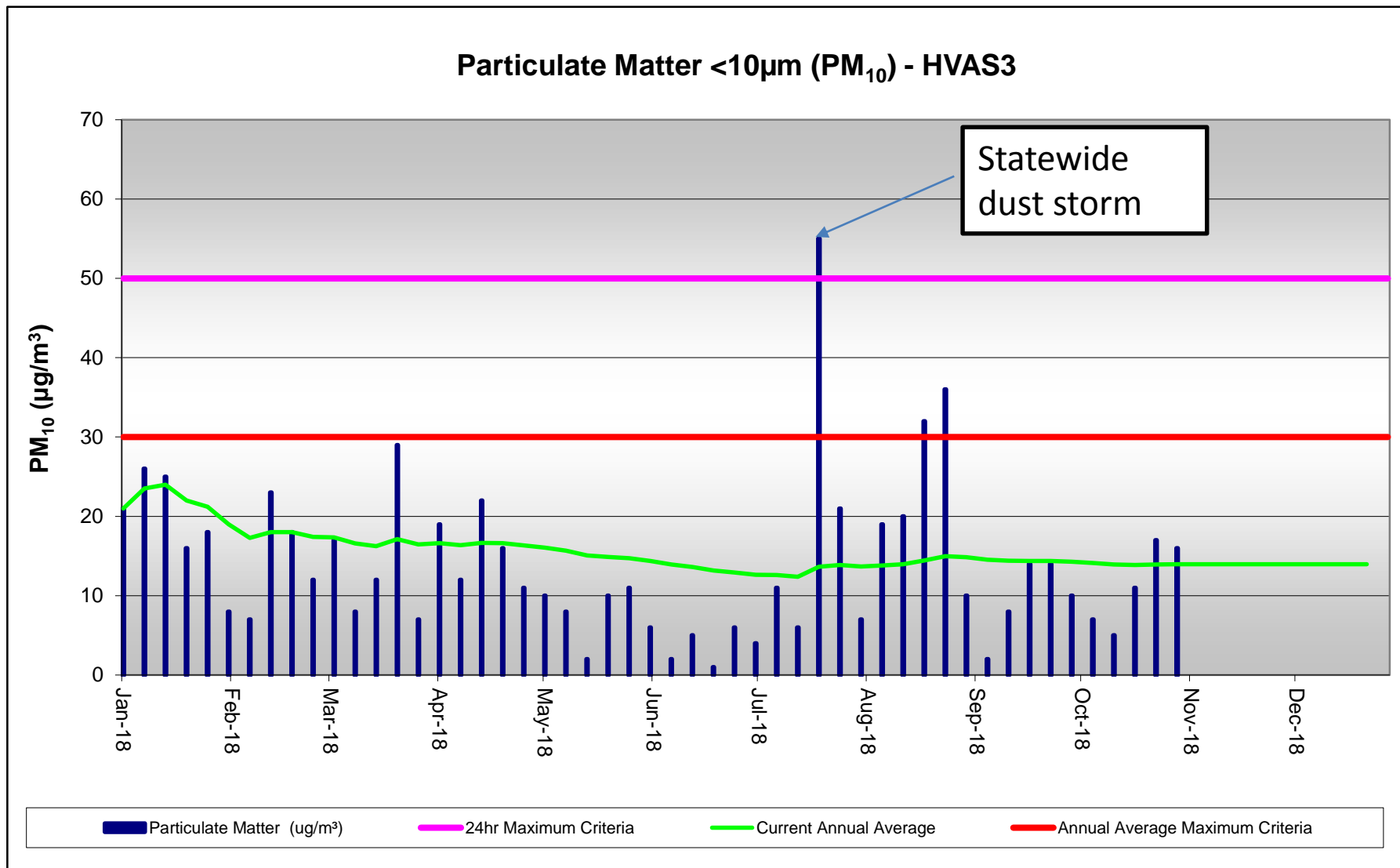




# Air Quality

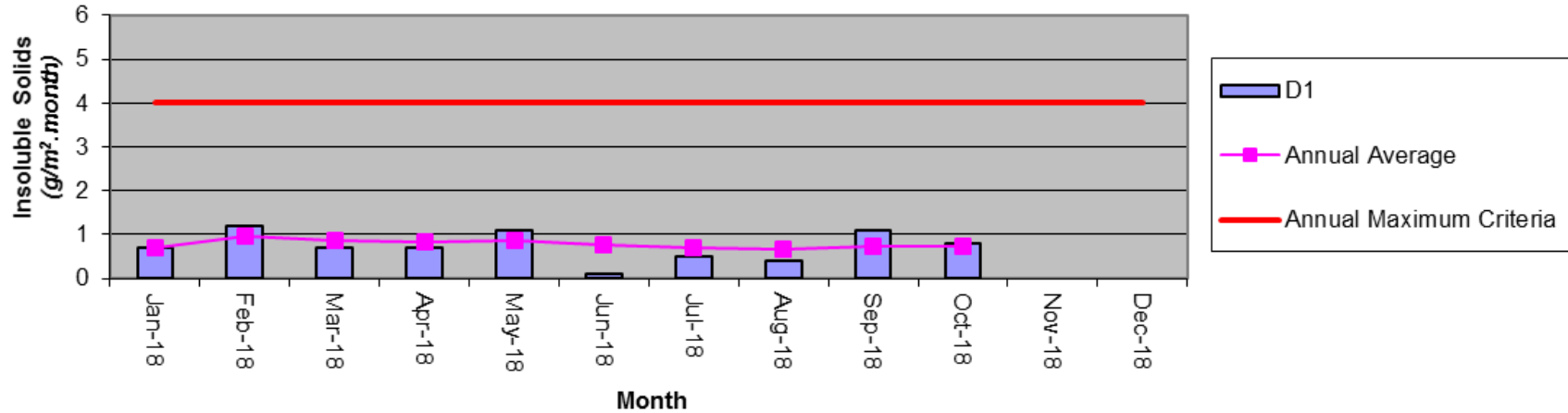


# Air Quality

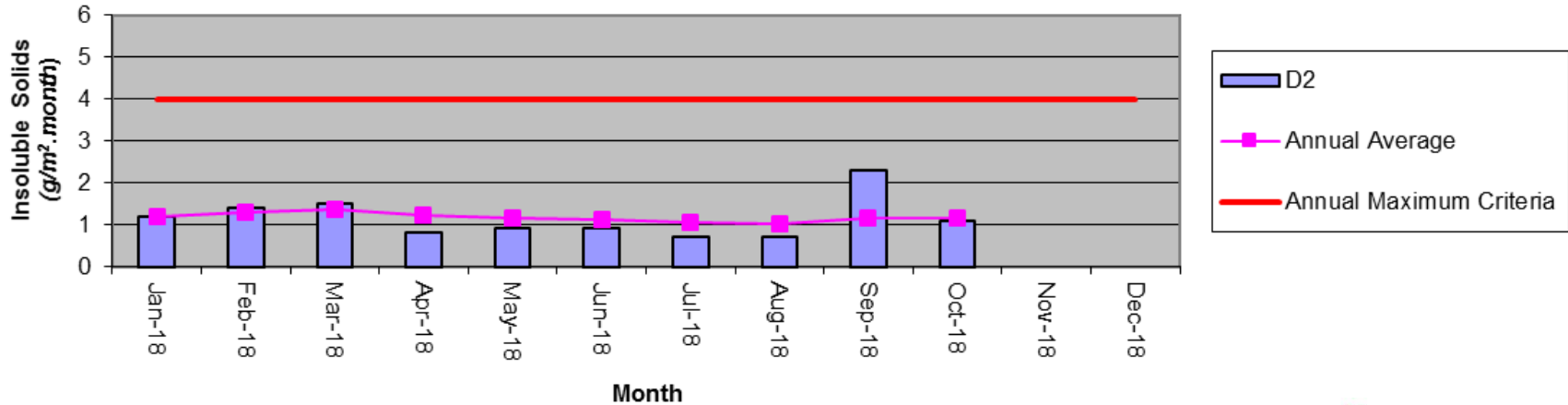


# Air Quality

## Dust Deposition Gauge D1 - Insoluble Solids

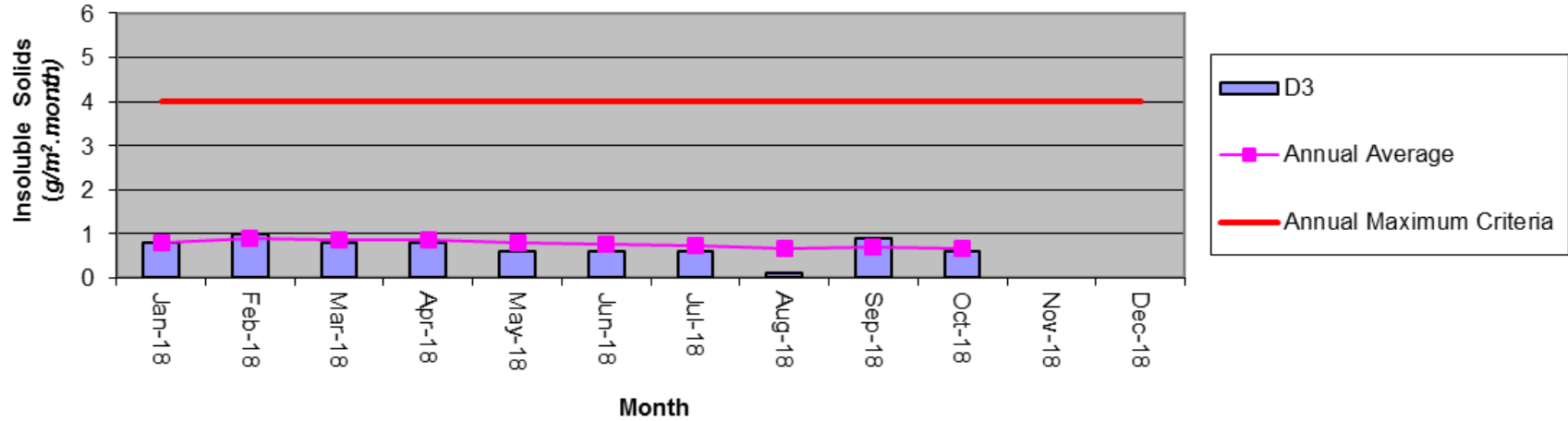


## Dust Deposition Gauge D2 - Insoluble Solids

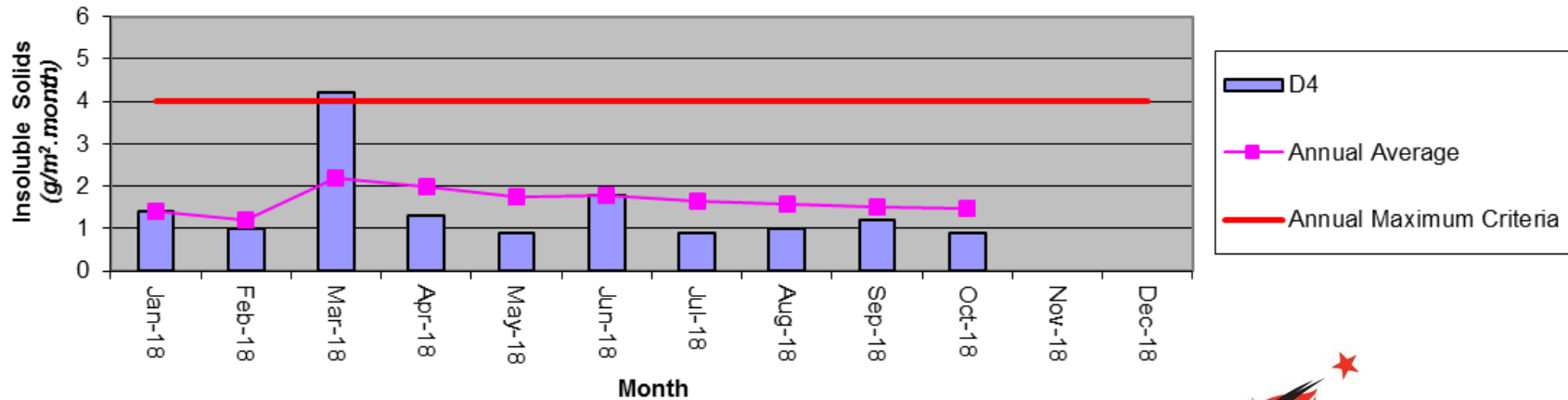


# Air Quality

### Dust Deposition Gauge D3 - Insoluble Solids

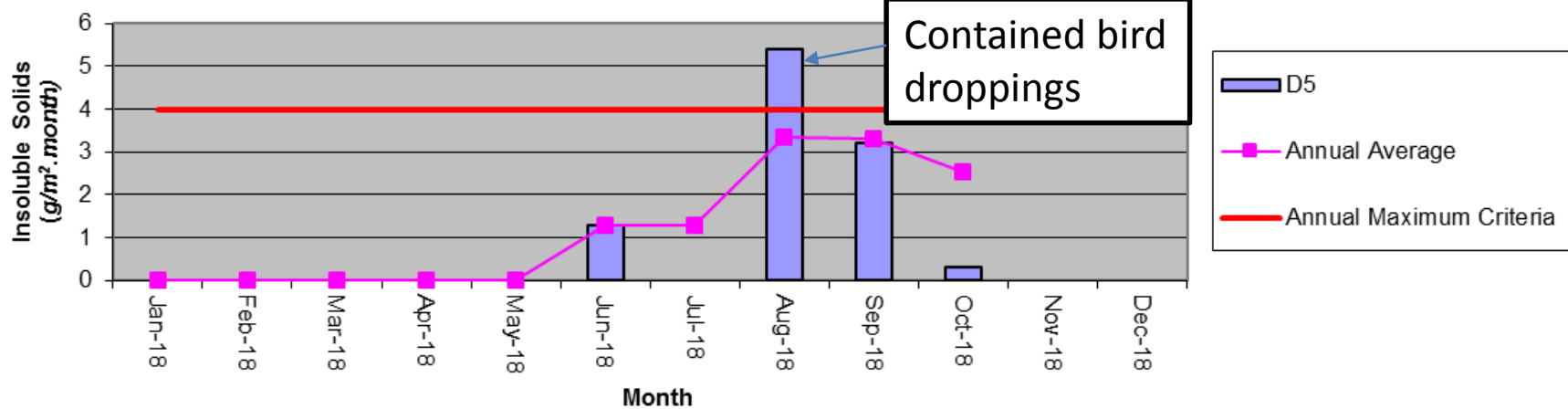


### Dust Deposition Gauge D4 - Insoluble Solids

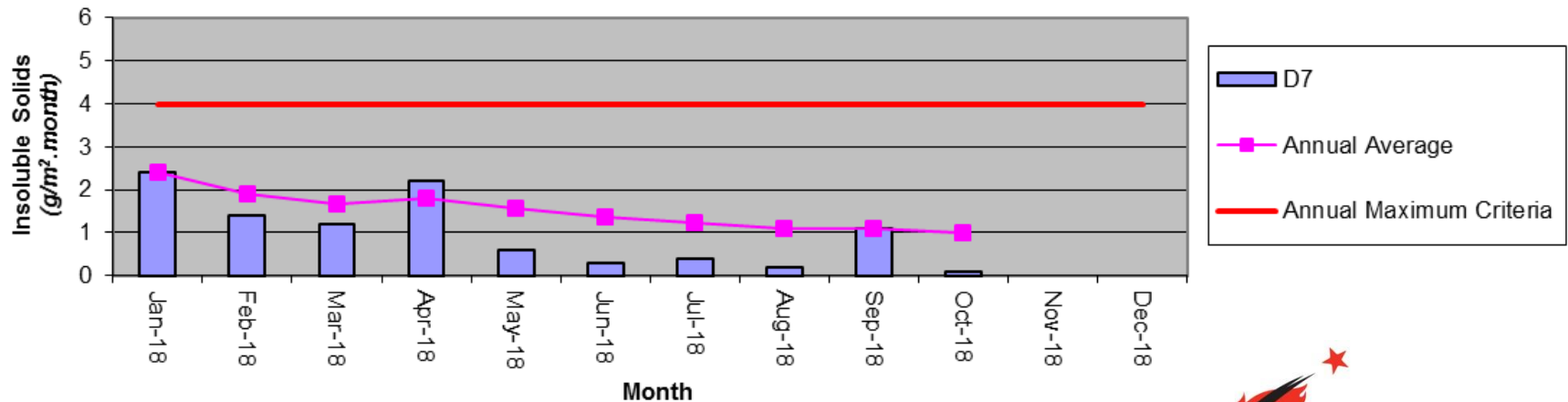


# Air Quality

### Dust Deposition Gauge D5 - Insoluble Solids

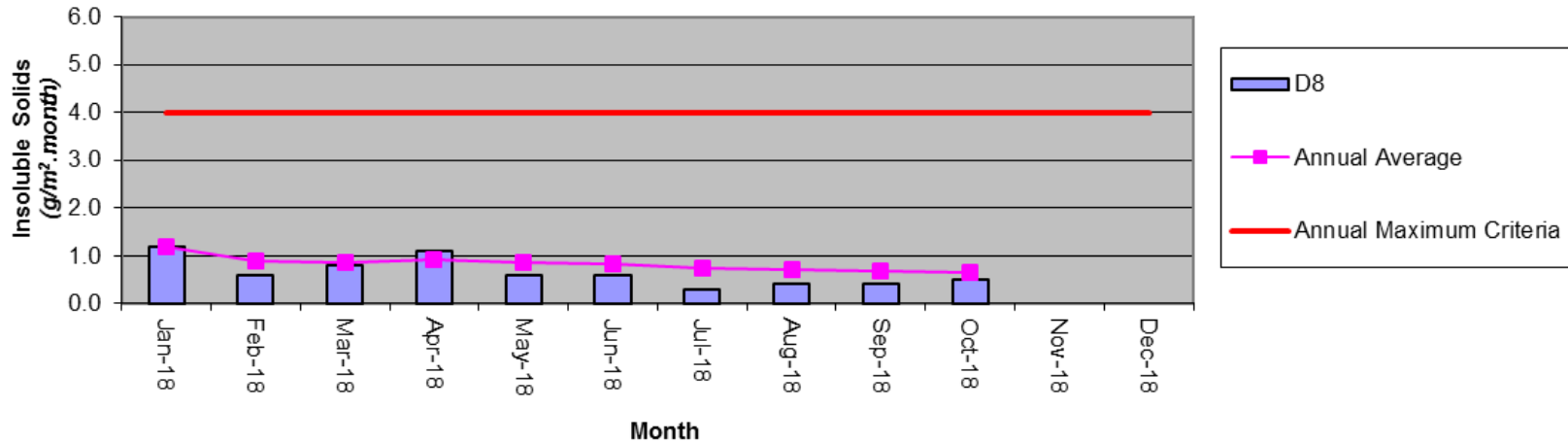


### Dust Deposition Gauge D7 - Insoluble Solids

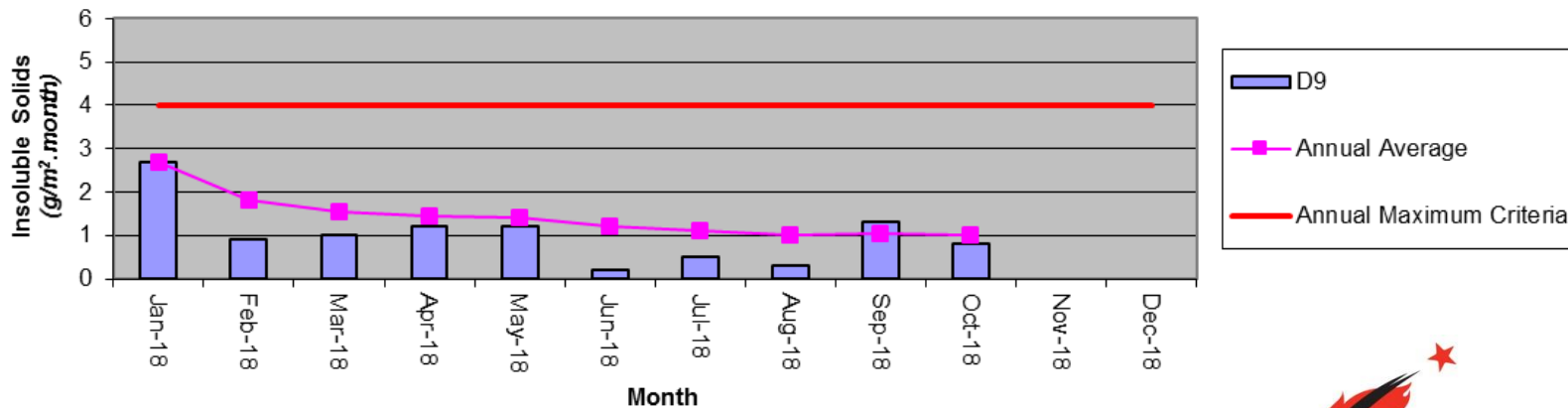


# Air Quality

### Dust Deposition Gauge D8 - Insoluble Solids



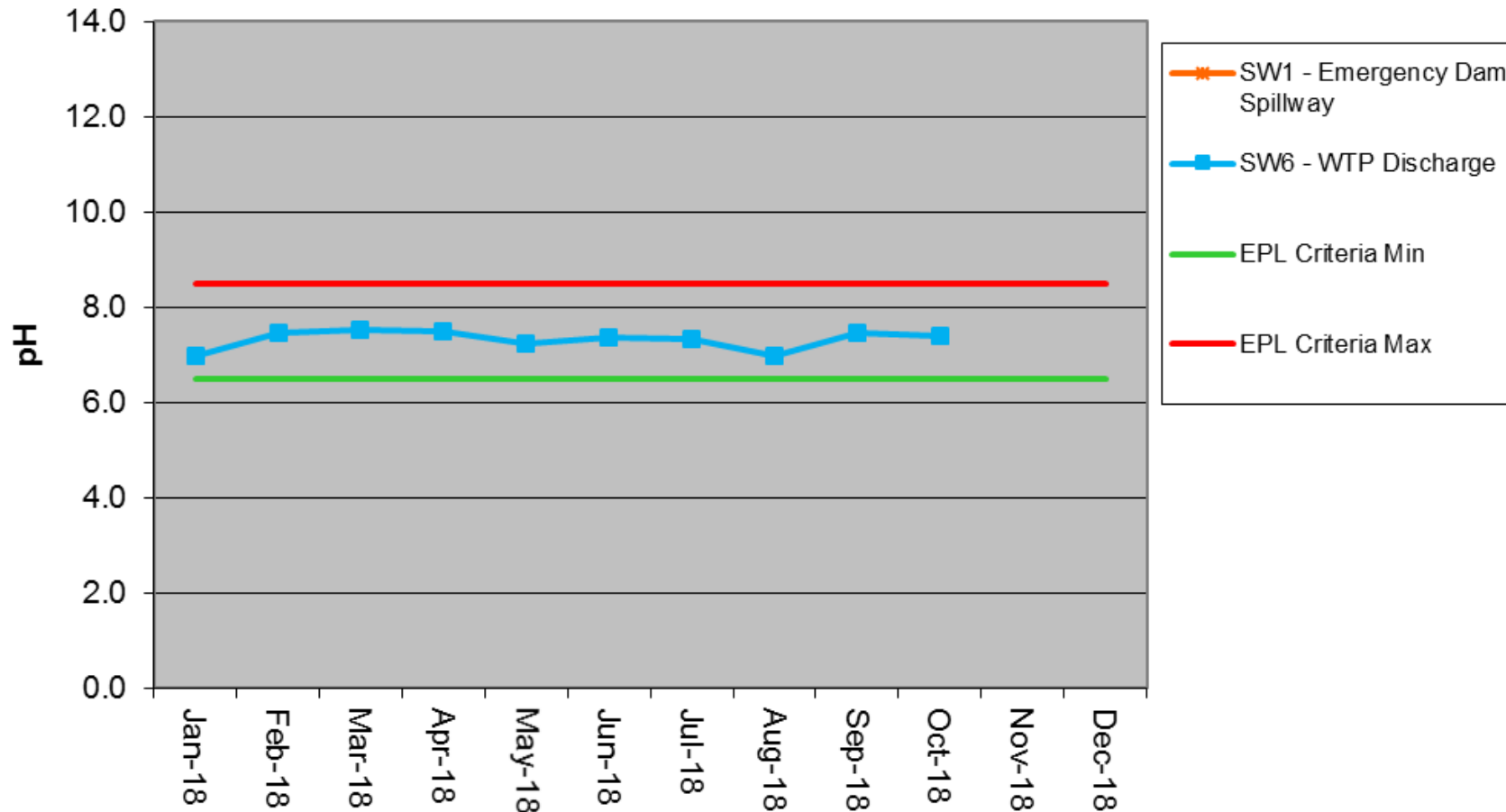
### Dust Deposition Gauge D9 - Insoluble Solids





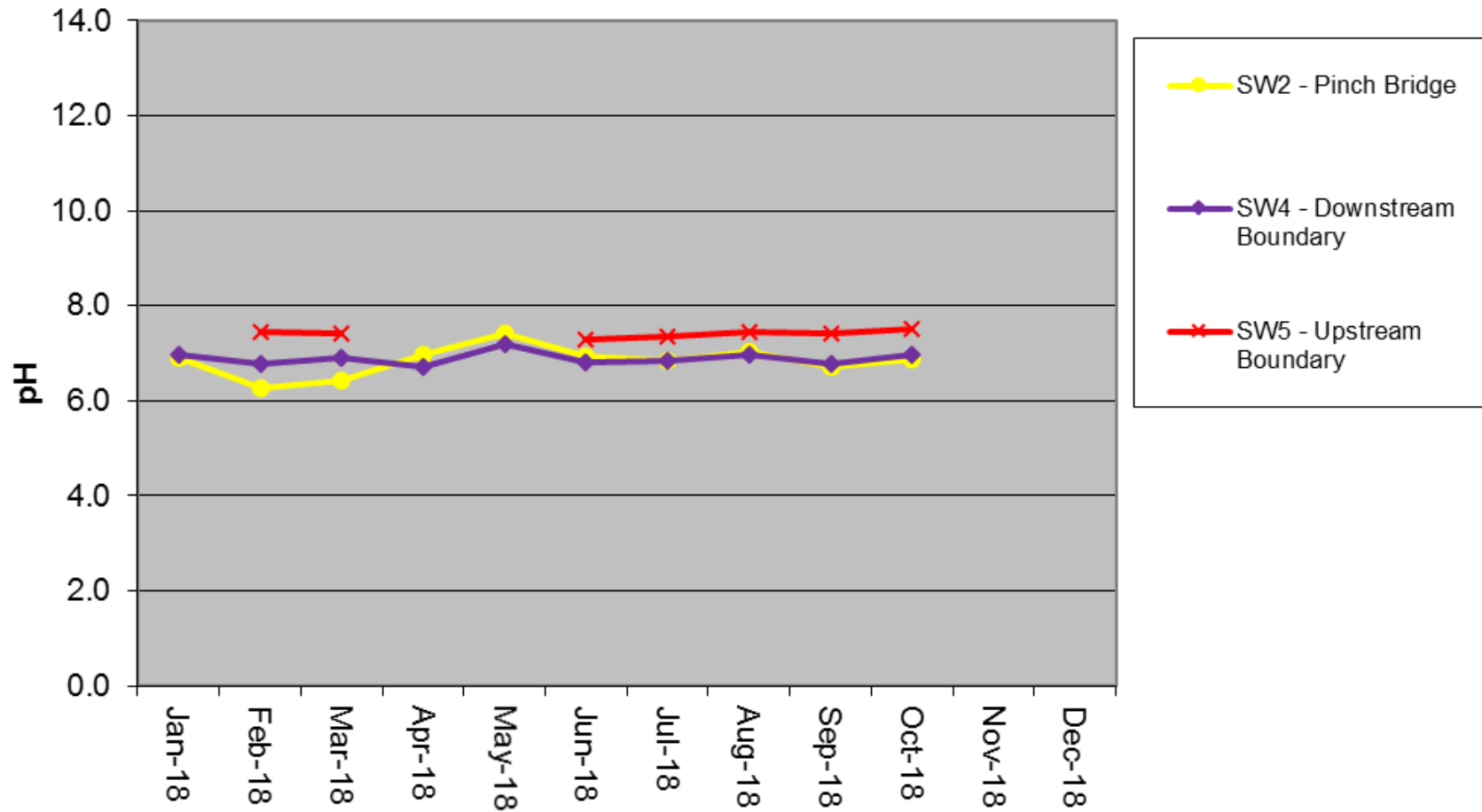
# Water Monitoring

Surface Water Sites  
CHPP and Bellbird Creek



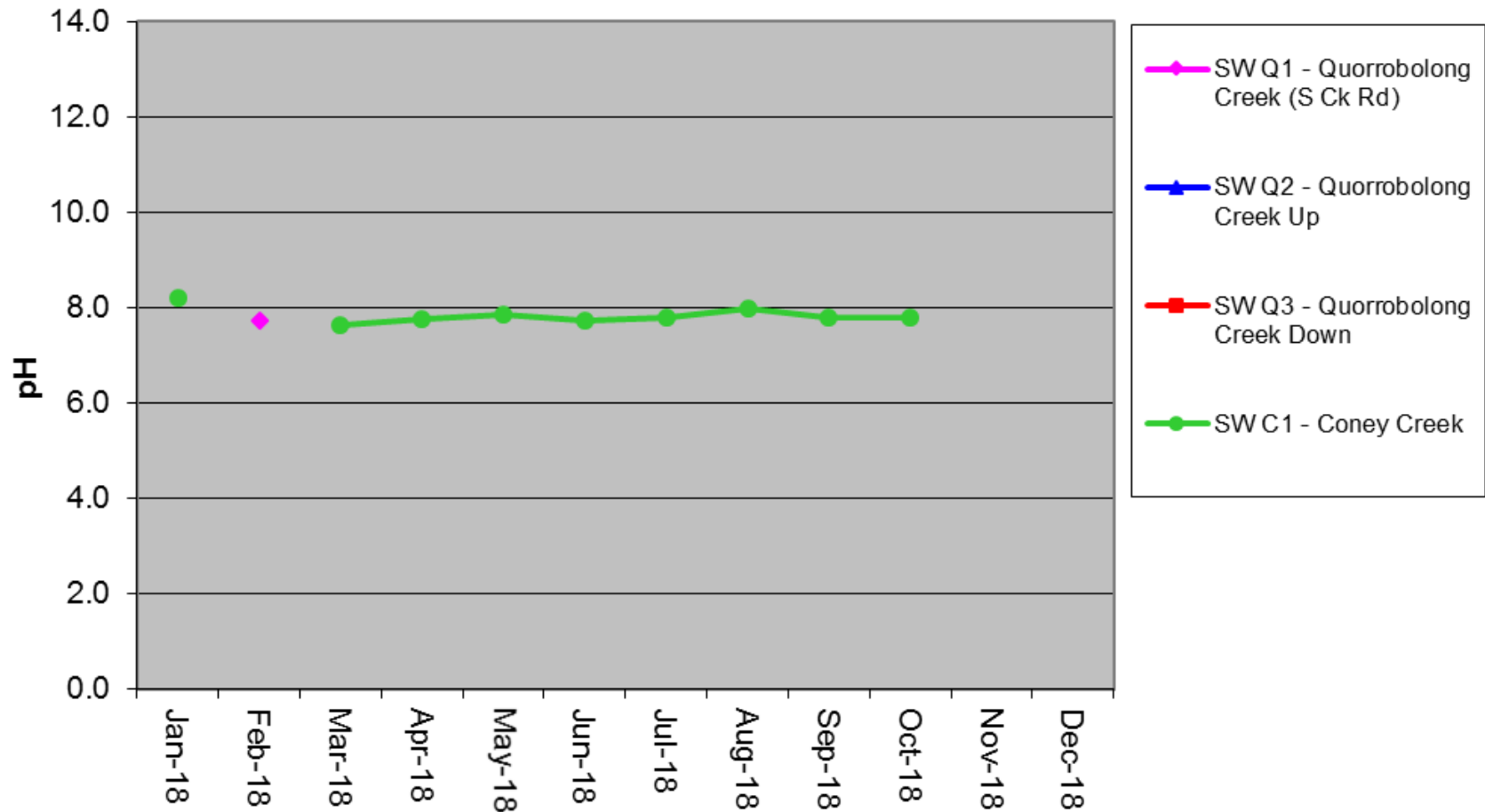
# Water Monitoring

Surface Water Sites  
CHPP and Bellbird Creek



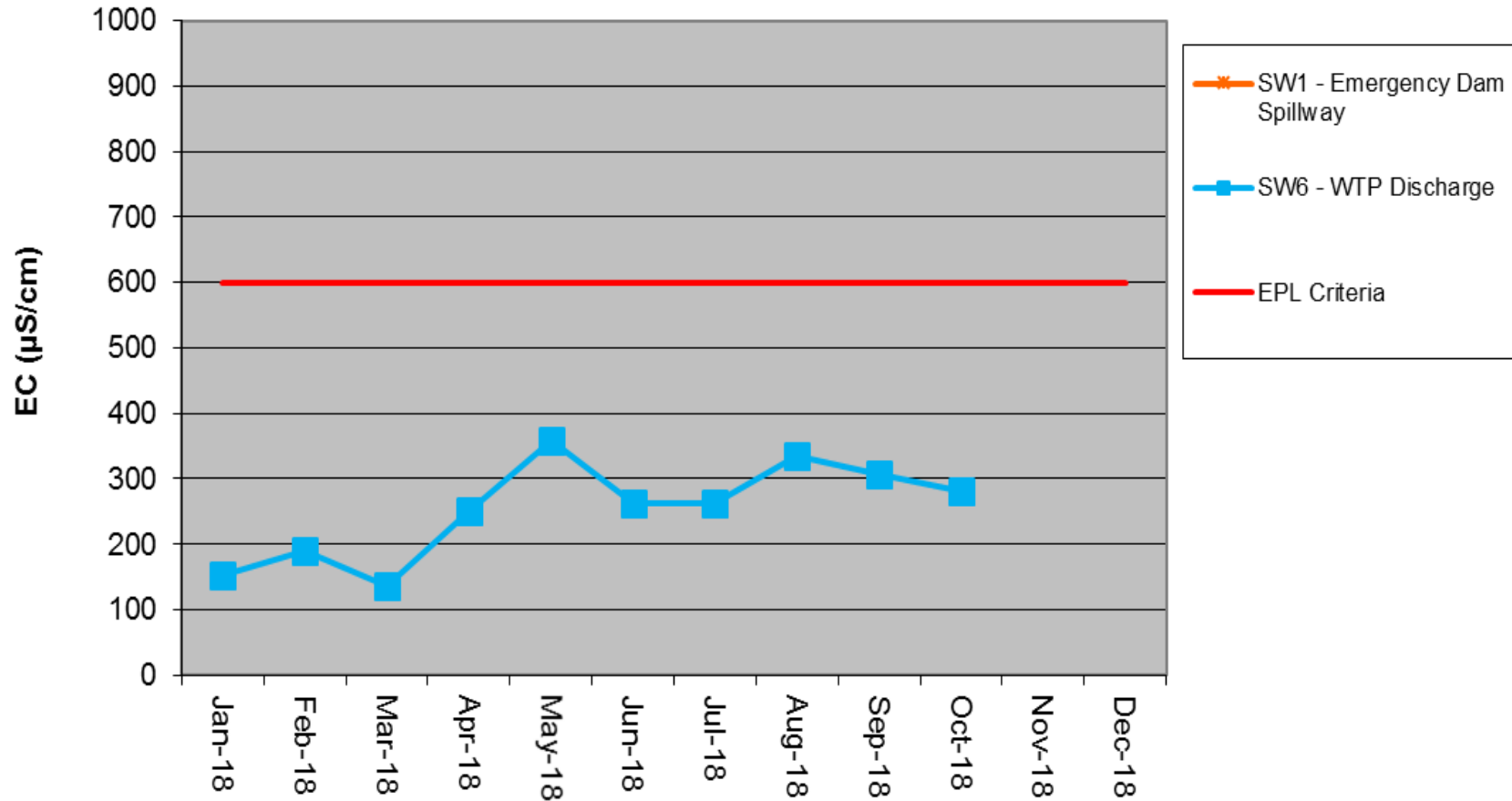
# Water Monitoring

## Surface Water Sites Quorrobolong Creek and Coney Creek

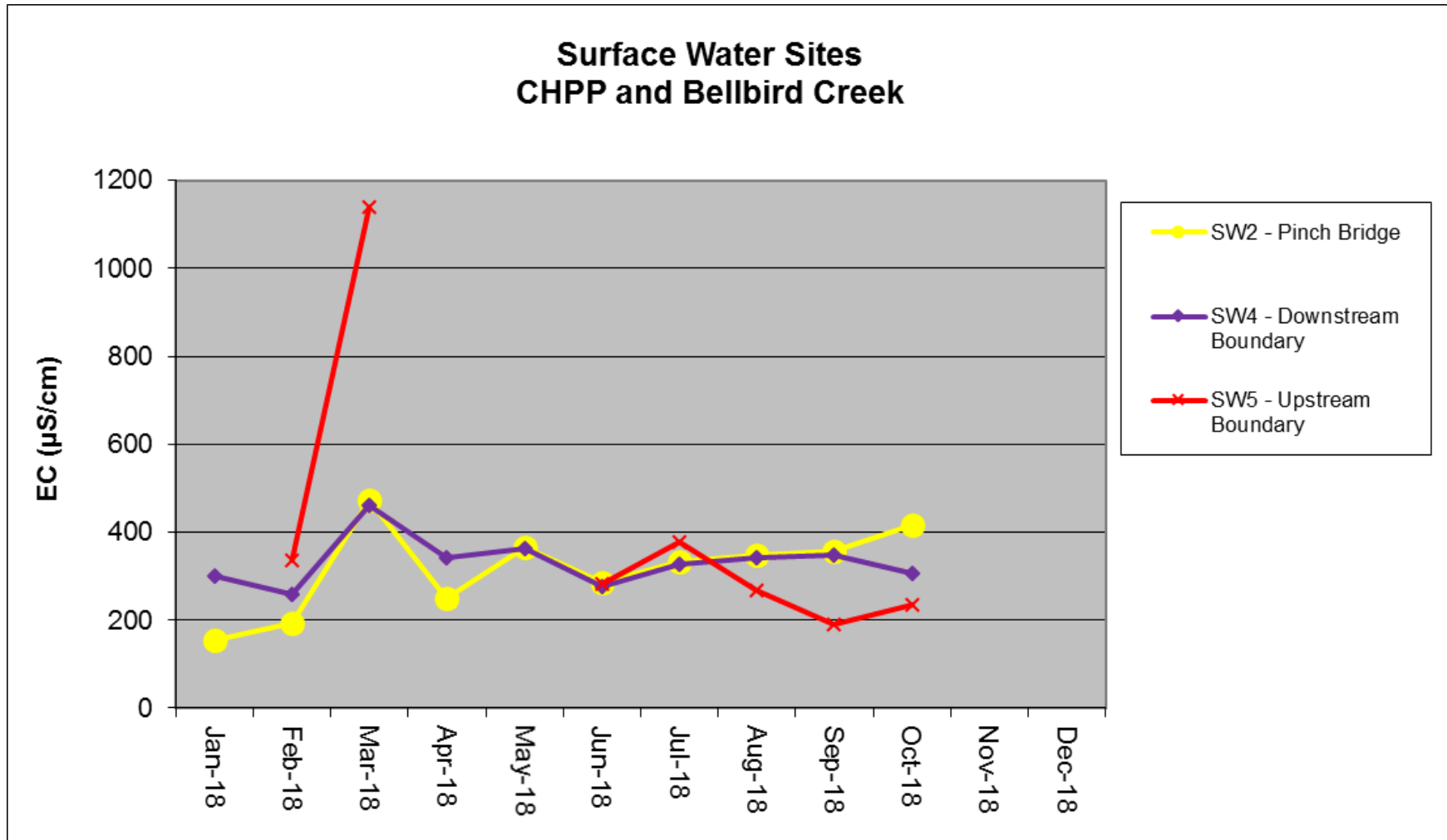


# Water Monitoring

Surface Water Sites  
CHPP and Bellbird Creek

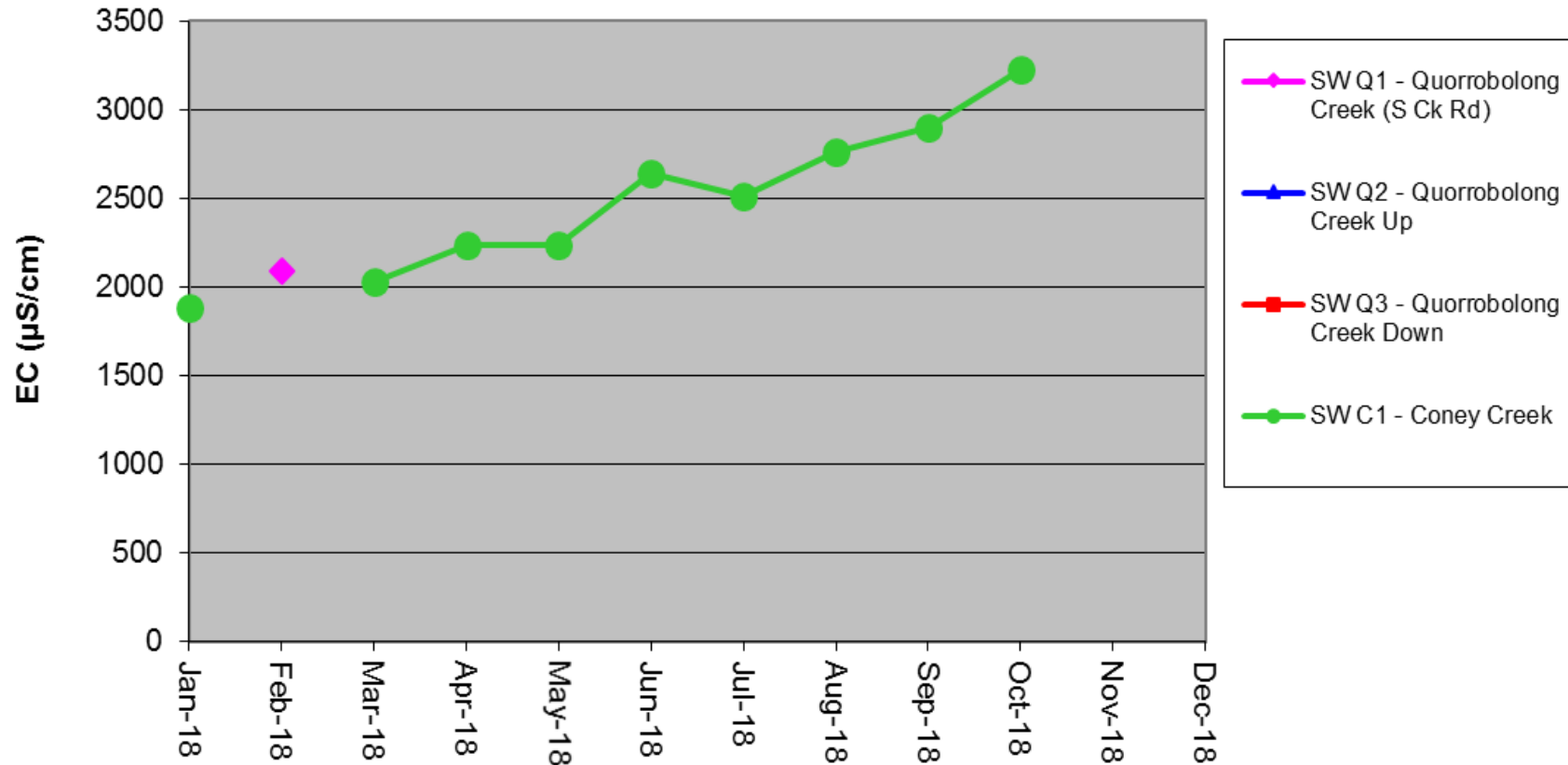


# Water Monitoring



# Water Monitoring

## Surface Water Sites Quorrobolong Creek and Coney Creek

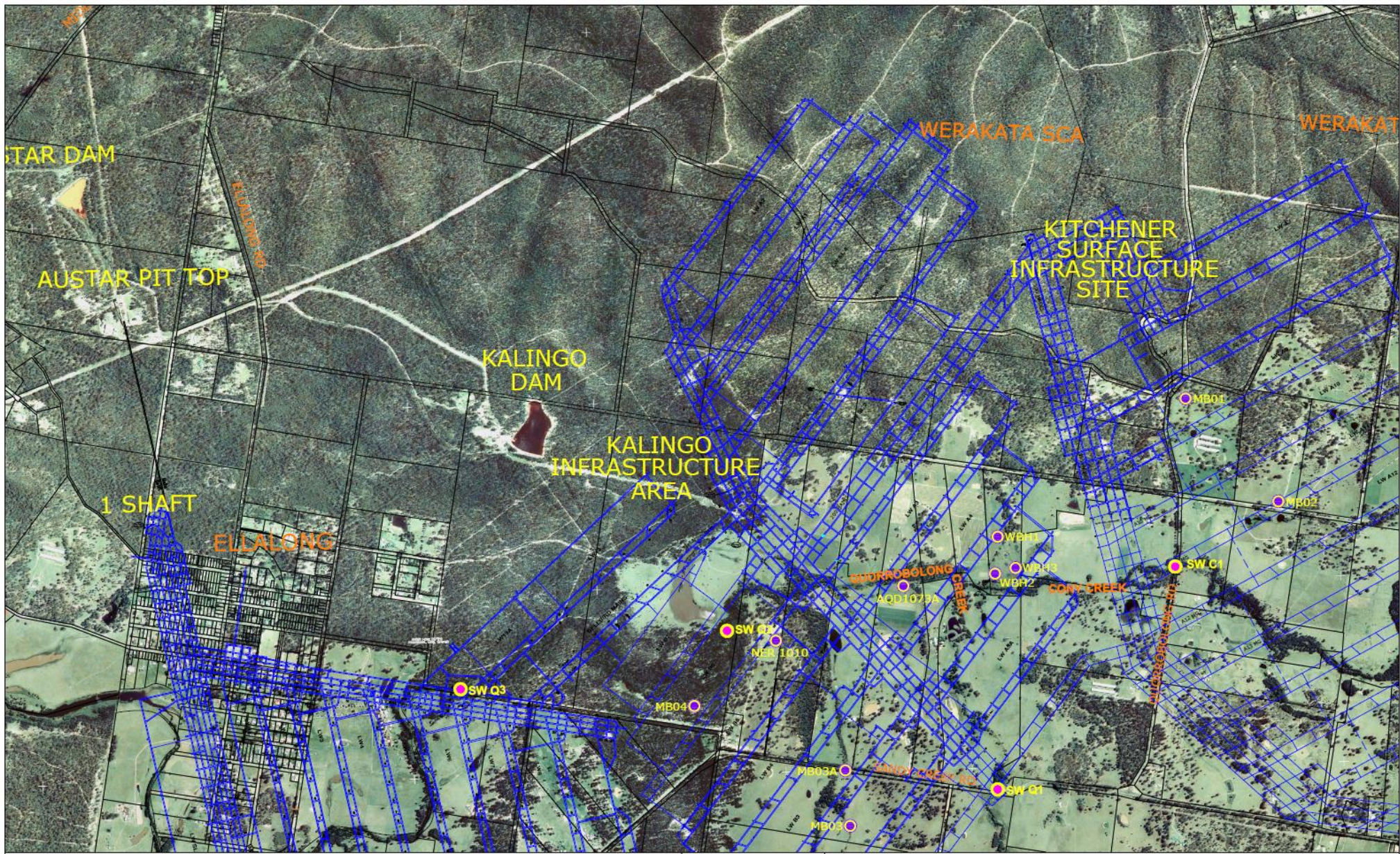




# Groundwater Monitoring

- There are no new trends in groundwater quality or water levels since previously reported
- The overall groundwater level decline and minor increases in alluvial monitoring bores are considered to be due to naturally occurring climatic conditions
- NER1010 groundwater levels continue an overall long term declining trend
- Groundwater levels in MB01 continue a slow decline
- Overall, groundwater quality values and levels are generally stable over the reporting period
- A new alluvial monitoring bore MB03A was installed on the north side of Sandy Creek Road, 570m west of Barraba Lane, on 16 October 2018 to monitor water level and quality in the alluvium above the Bellbird South Mining Area, replacing MB03 which is no longer accessible





- NER1010 ..... Ground Water Monitor
- SW 2 ..... Surface Water EPL Sample Points
- SW C1 ..... Coney Creek Sample Points
- SW Q1 ..... Quorrobolong Creek Sample Points

DRAWN  
J. Chadwick

DATE  
21/11/2018

CHECKED  
C. McCormack

APPROVED  
C. McCormack

# AUSTAR COAL MINE

## Austar Surface & Groundwater Monitoring Locations

TITLE

SCALE  
Not to scale

DRAWING No.  
Environmental/ Monitoring Plan

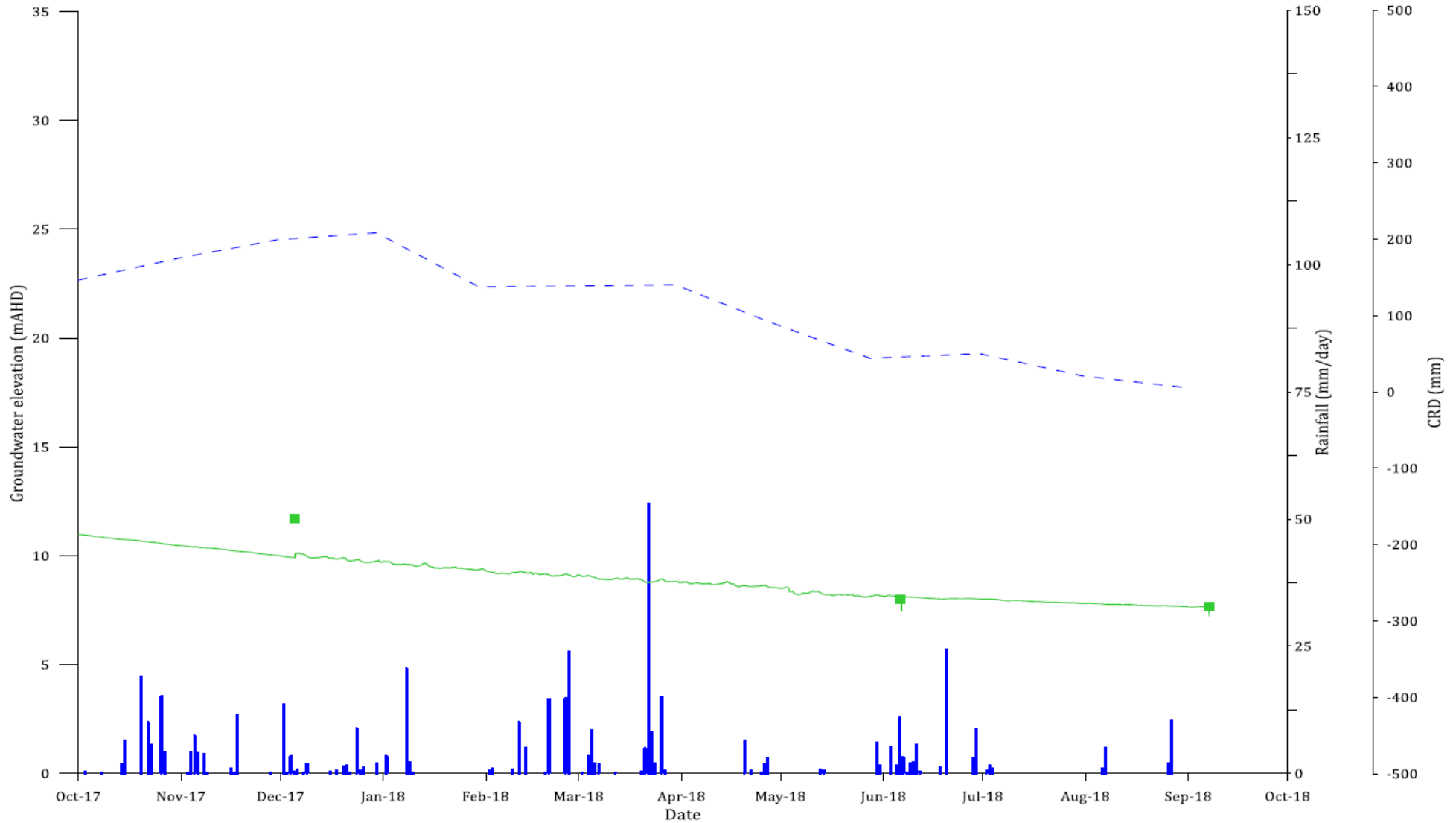
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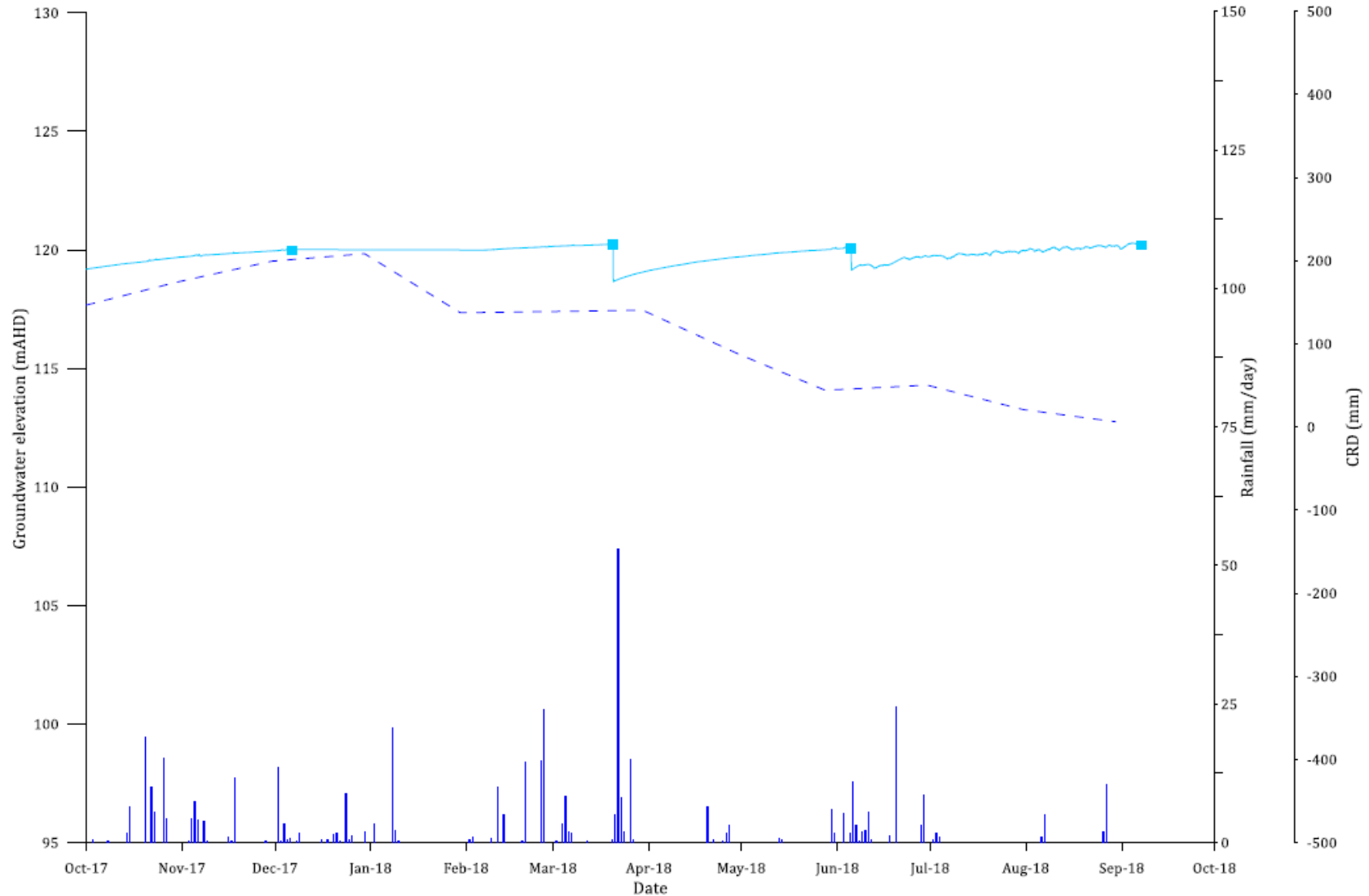
# Groundwater Monitoring

■ ■ ■ MB01 manual    — MB01 PT Permian    ■ Rainfall (mm/day)    - - - CRD

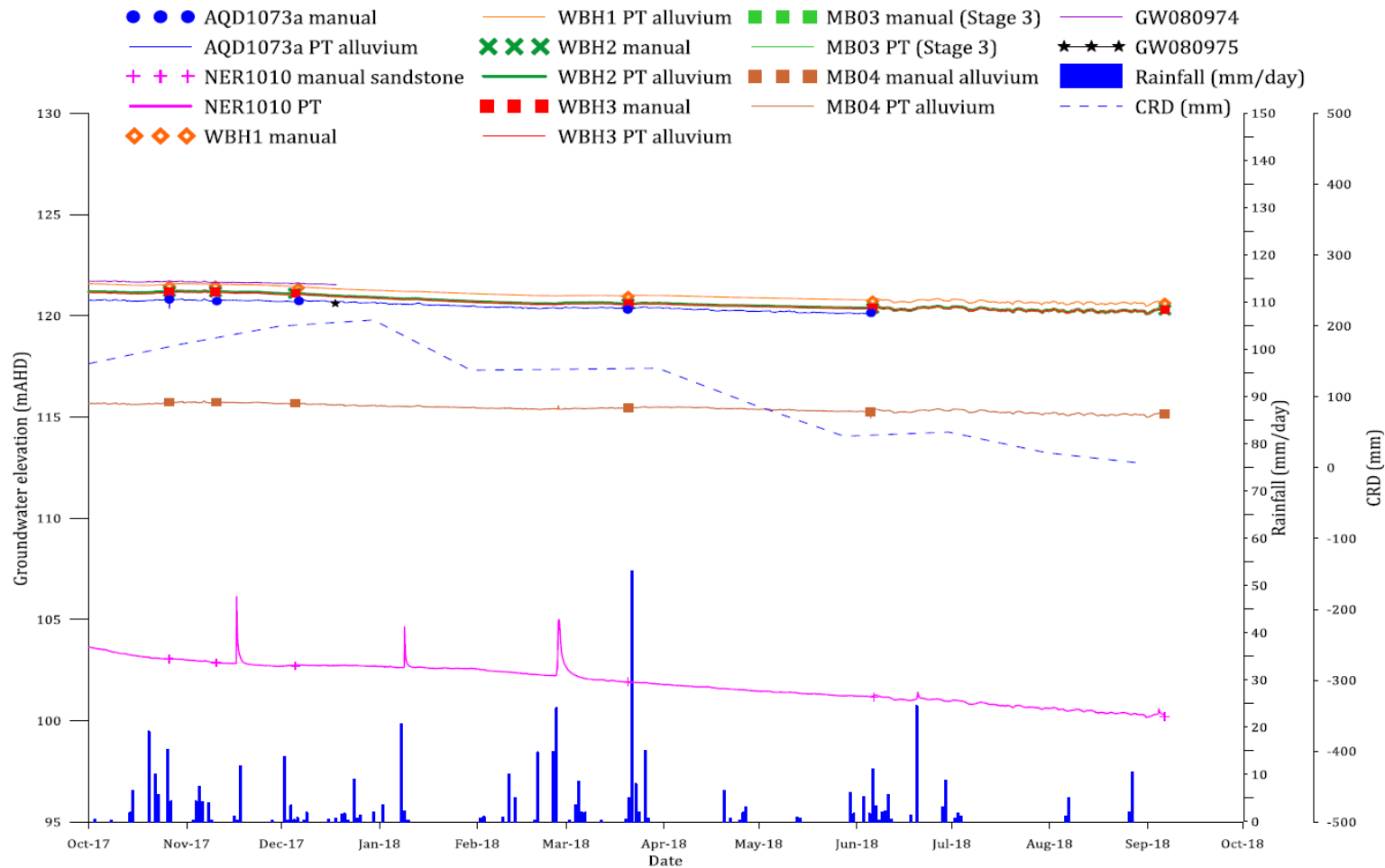


# Groundwater Monitoring

■ ■ ■ MB02 manual — MB02 PT Permian ■ Rainfall (mm/day) - - - CRD



# Groundwater Monitoring



# Noise Monitoring

## Since last CCC meeting (28 August 2018 to 27 November 2018)

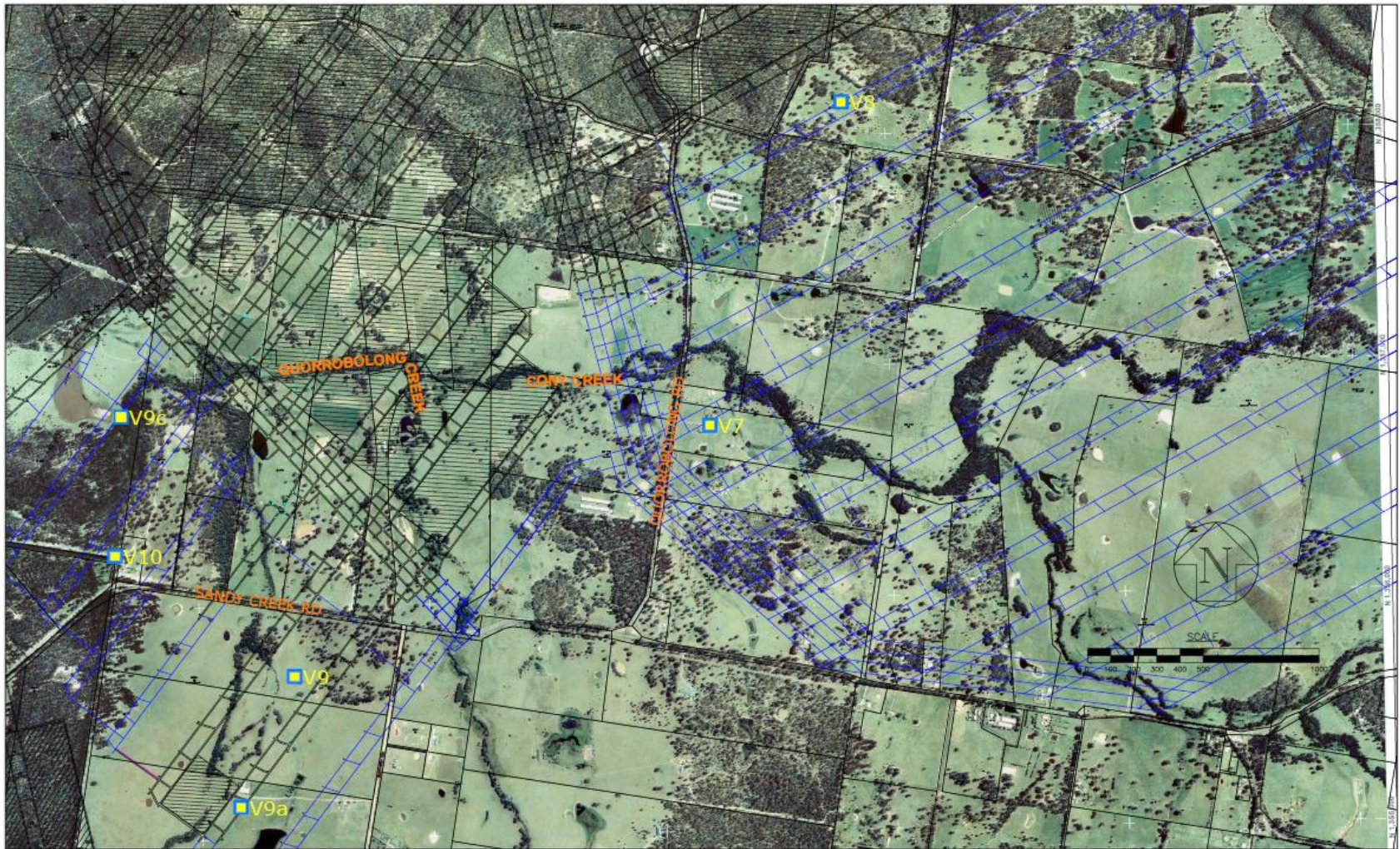
- No noise exceedances were recorded from 28 August 2018 to 27 November 2018.



## Since last CCC meeting (28 August 2018 to 27 November 2018)

- **Monitor V7 – 345 Quorrobolong Road**
  - Monitoring commenced 11 June 2013
  - 1 new event greater than 1mm/s (1.19mm/s)
  
- **Monitor V9c – Sandy Creek Road - Austar**
  - Monitoring commenced 19 July 2017
  - 1 new event greater than 1mm/s (1.13mm/s)
  
- **Monitor V10 – Sandy Creek Road - Austar**
  - Monitoring commenced 28 August 2017
  - No new events greater than 1mm/s

# Vibration



LEGEND:

■ V7 Vibration Monitors

DRAWN  
J. Chadwick  
DATE  
22/8/2017  
CHECKED  
APPROVED

## AUSTAR COAL MINE

**Vibration Monitoring Locations**

SCALE  
Not to scale

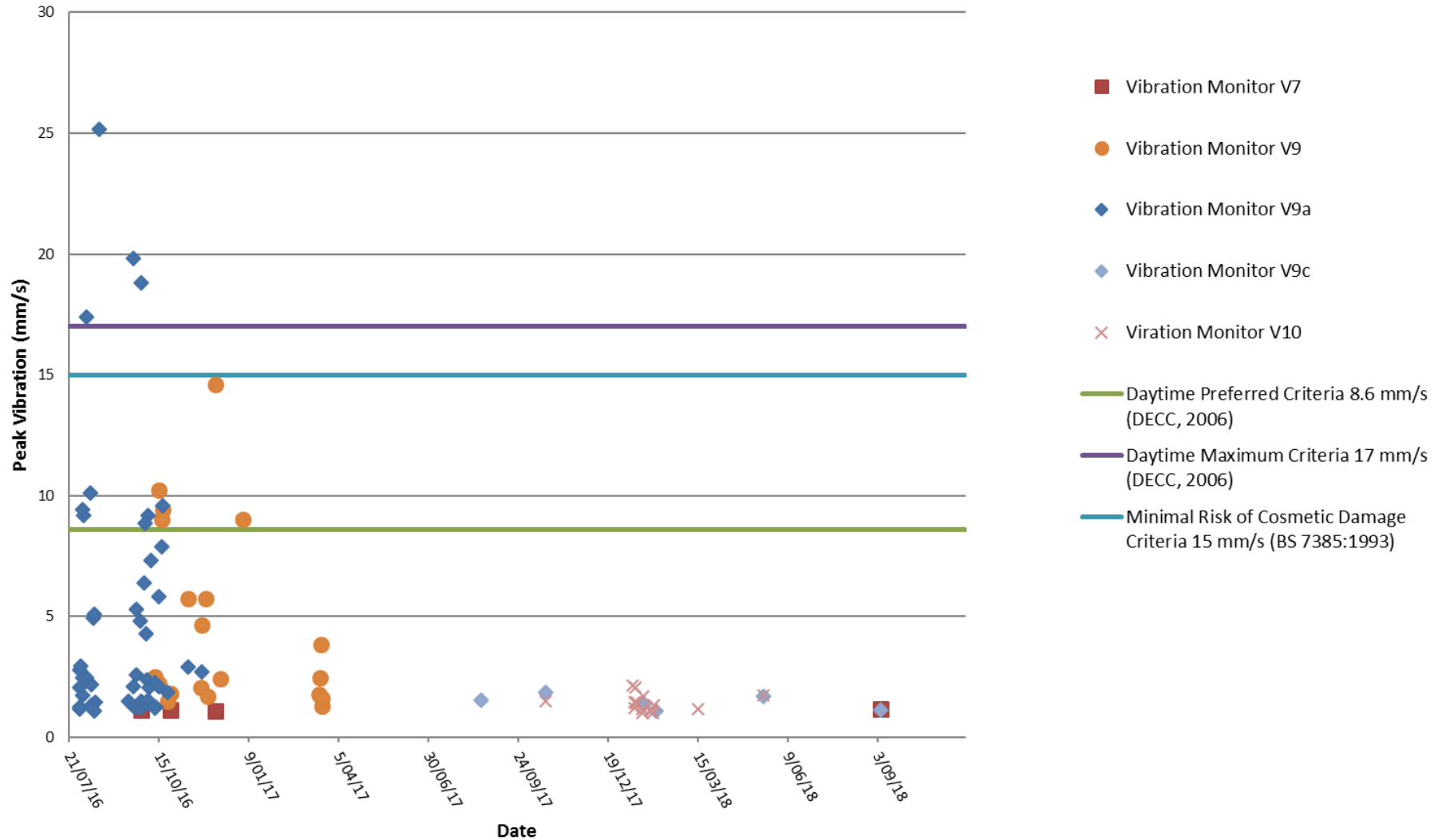
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P:\Austar\Environmental Monitoring Plan  
Vibration tab

A3



# Vibration

Austar Peak Ground Vibration - Night and Day Combined (Events > 1mm/sec)





# Community Complaints

## Since last CCC meeting (28 August to 27 November 2018)

- NIL Community Complaints
  
- General enquiry by the EPA to all EPL holders in the region regarding blasting on 21 November 2018:
  - No blasting occurred at Austar Coal Mine on this date. Austar do not blast on the surface
  - High dust levels were reported on 21 November, and a State-wide dust storm was reported by DustWatch for this day and the following two days
  - There were no dust or vibration generating activities occurring at Austar on 21 November. The conveyor system, transport of coarse reject, train loading facility and dozers were not operational
  - Blast and dust observed determined not to be the result of Austar operations

# General Business





## Community Sponsorships –

- The 2018 Austar Community Support Program (CSP) recipients have been finalised and community groups are currently being notified of the results.
- Funded community projects from the 2018 CSP include:
  - Abermain Public School - Carols by Candlelight
  - Cessnock Senior Citizens Association - Media Screening Equipment
  - Cessnock City Council - Citizens, Science and Woodland Birds of Cessnock
  - South Maitland Railways – Contribution towards Historic Locomotive Repair for South Maitland Railways 125 Years Anniversary
  - Kurri Early Childhood Centre - Chicken Coop
  - Towns with Heart Inc - Pit Horse Memorial Statue
  - Weston Workers Bears Football Club - Training and Medical Equipment
- Applications for the 2019 Community Support Program will open in December 2018 and close 31st January 2019. Applications are available from <http://www.austarcoalmine.com.au/> and the program will be advertised in the Cessnock Advertiser

## Underground Tour

- It is recommended the proposed underground tour for Council and CCC members be postponed as we are about to commence the longwall move to panel B5. Mining in LWB5 should be underway in February 2019, which would allow visitors to observe the longwall equipment in operation.

Other –



Next Meeting /  
Close