MINUTES OF THE ASHTON COAL
COMMUNITY CONSULTATIVE COMMITTEE MEETING
Thursday 28 June 2018
ASHTON COAL ADMINISTRATION OFFICE

Attendees

Margaret MacDonald-Hill	(MMH)	Chairperson
Godfrey Adamthwaite	(GA)	Singleton Shire Council (SSC)
Debbie Richards	(DR)	Community Representative
John McInerney	(JM)	Community Representative
Michael Bestic	(MB)	Community Representative
Phil Brown	(PB)	Company Rep (Environment & Community Superintendent)
Lachlan Crawford	(LC)	Company Rep (Environment & Community Coordinator (contract))

1. **Opening and Welcome**
   - Chairperson opened the meeting at 2:07pm.
2. **Apologies**
   - Aaron McGuigan Company Rep (Operations Manager)
3. **Declaration of Pecuniary Interest by Community Representatives**
   - MMH advised no change in her previous declarations
   - No change to community representatives' pecuniary interests previously declared.
4. **Minutes from Previous Meeting**
   - Minutes from the meeting held 22 February 2018 were accepted as a true and accurate record:
     Moved: *Debbie Richards* ***Seconded:*** *Michael Bestic*
5. **Business Arising from Previous Minutes**

   Refer to presentation

   - MB stated that good-news stories such as Bowman's Creek Diversion (BCD) should be given publicity to offset predominantly negative coverage of mining industry. PB to refer to Yancoal corporate Executive General Manager Environment and Community.
6. **Correspondence**

   As listed in the agenda - no further discussion

7. ***Company Reports and Overview of Activities***

   7.1 Ashton Operations Update

   Refer to presentation

   7.2 Monitoring and Environmental Performance

   Refer to handout

   7.3 Community Complaints and response to complaints

   Refer to presentation

   7.4 Environmental Activities Update

   Refer to presentation

   - JM enquired how far upstream (on both banks of Glennies Creek) Ashton were treating weeds (especially Green Cestrum), and stated that it should be treated right up to Ashton property boundary. LC stated that spraying to upstream extent of Ashton land will be included in the next (late July/August 2018), and subsequent, weed control campaign.

   7.5 Camberwell Update

   Refer to presentation.

- PB reiterated that demolition of the four derelict Camberwell houses will be completed by end of 2018.

8. General Business

- DR enquired whether the Camberwell lots adjacent to the New England Highway were owned by Ashton, and what was planned by way of grass / fire hazard control for those lots. PB indicated on a land ownership plan that the lots were Crown land, but Ashton would arrange to have them slashed.
- JM enquired who is responsible for removing the "Camberwell Water Scheme" sign in Camberwell. PB mentioned that it is a Singleton Council sign, but Ashton will contact Council about having it removed.
- MB enquired whether the next CCC meeting might include an inspection of the Ashton mine site. PB stated that an inspection will be incorporated into the next CCC meeting in October.

9. Actions

- Issue regarding lack of publicity for good-news stories (BCD) will be referred to Yancoal corporate (PB).
- Weed treatment to upstream boundary (relative to Glennies Creek) of Ashton owned / managed land will be included in next weed control program (LC).
- Ashton will arrange for slashing of Camberwell lots adjacent to New England Highway (LC).
- A site inspection will be incorporated into October CCC meeting (PB)

10. Date for Next Meeting

Next Meeting: Thursday 18 October 2018, 1:00pm.

MEETING CLOSED 3:15pm

Community Consultative Committee

28 June 2018

YANCOAL
兖煤澳大利亚有限公司

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Action List

ITEM	RESPONSIBILITY	PROGRESS UPDATE
All CCC correspondence to be delivered by hardcopy to JM and DR	PB/LC	All correspondence since last meeting delivered by hand / followed up by phone.
Green cestrum to be included as target species in Ashton weed control program.	LC	Weed control works in Feb/March targeted green cestrum along Bowmans Ck and Glennies Ck.
Inspect condition of woodland rehab on northern face of NEOC overburden emplacement	LC	Inspection of rehab on north face of NEOC emplacement inspected as part of March monthly inspection. Very dry, but no premature mortality.
Standing Action: *Organise inspection of Bowmans Creek Diversion, if requested.*	PB/LC	No requests received.

Ashton Mine Production CY2018

Ashton Coal Key Statistics		
	2018 Budget (ytd)	2018 Actual (ytd)
ROM (Mt)	1.19	0.79
Product Coal (Mt)	0.54	0.34
Total Coal Sales (Mt)	0.24	0.25
Lost Time Injury (LTIFR)	No target	58.5
Total Recordable Injuries (TRIFR)	No target	39.08
Total Employees (FTE)	264	263
Complaints	0	0
Environmental Incidents	0	2

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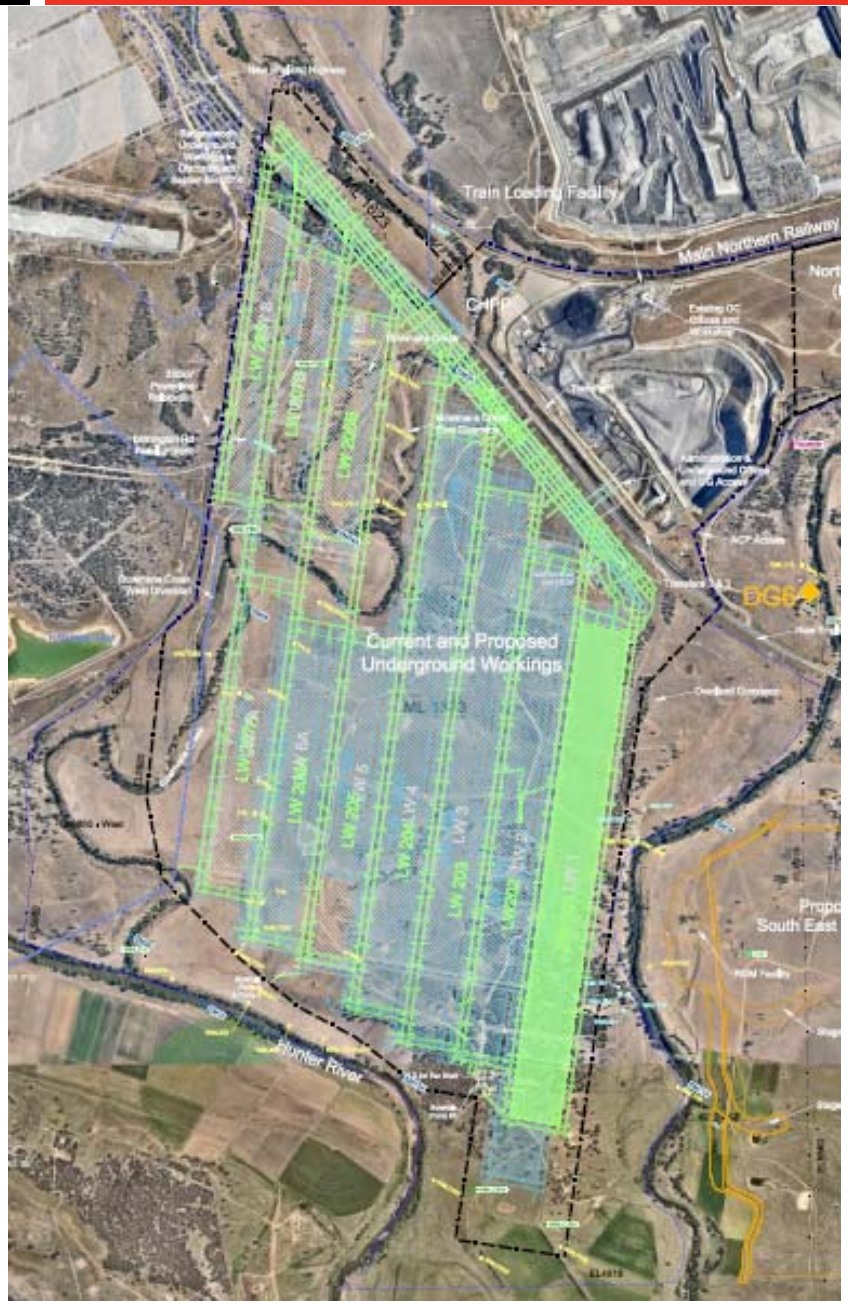
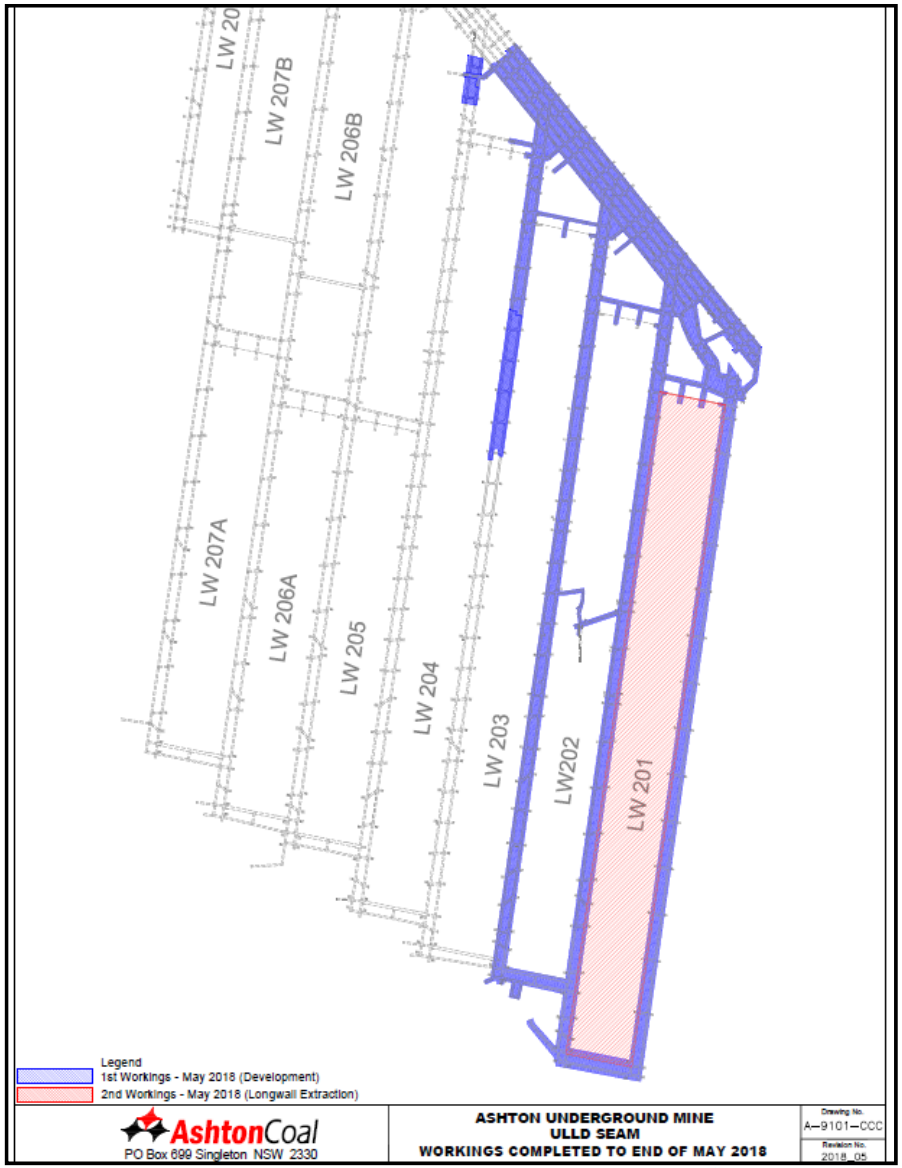
Current Mining Area





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b. Environment Monitoring Data

- Refer to attachment to Agenda
  - Any questions relating to the Monitoring Data?

Complaints

No complaints received since the last meeting

Environmental Update

Incidents

- February - water discharge from tailings return line (retained onsite).
- June - diesel leak from pump at CHPP (contained and cleaned up).

Community

- March round of Community Support applications being assessed.

Government

- Annual Review (previously AEMR) submitted end of March.
- EPL Annual Review submitted end of February.
- Water Management Plan approved by DPE on 1 March 2018.
- 2018 MOP in preparation for 31 August submission.

Environmental Update

Heritage

- ACCF meeting held 13 June 2018 – endorsed reburial protocol.
- Survey / salvage over LW203 planned over next few months.
- Bernard Fox grave (Singleton Heritage Committee; GPR survey)

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Environmental Update

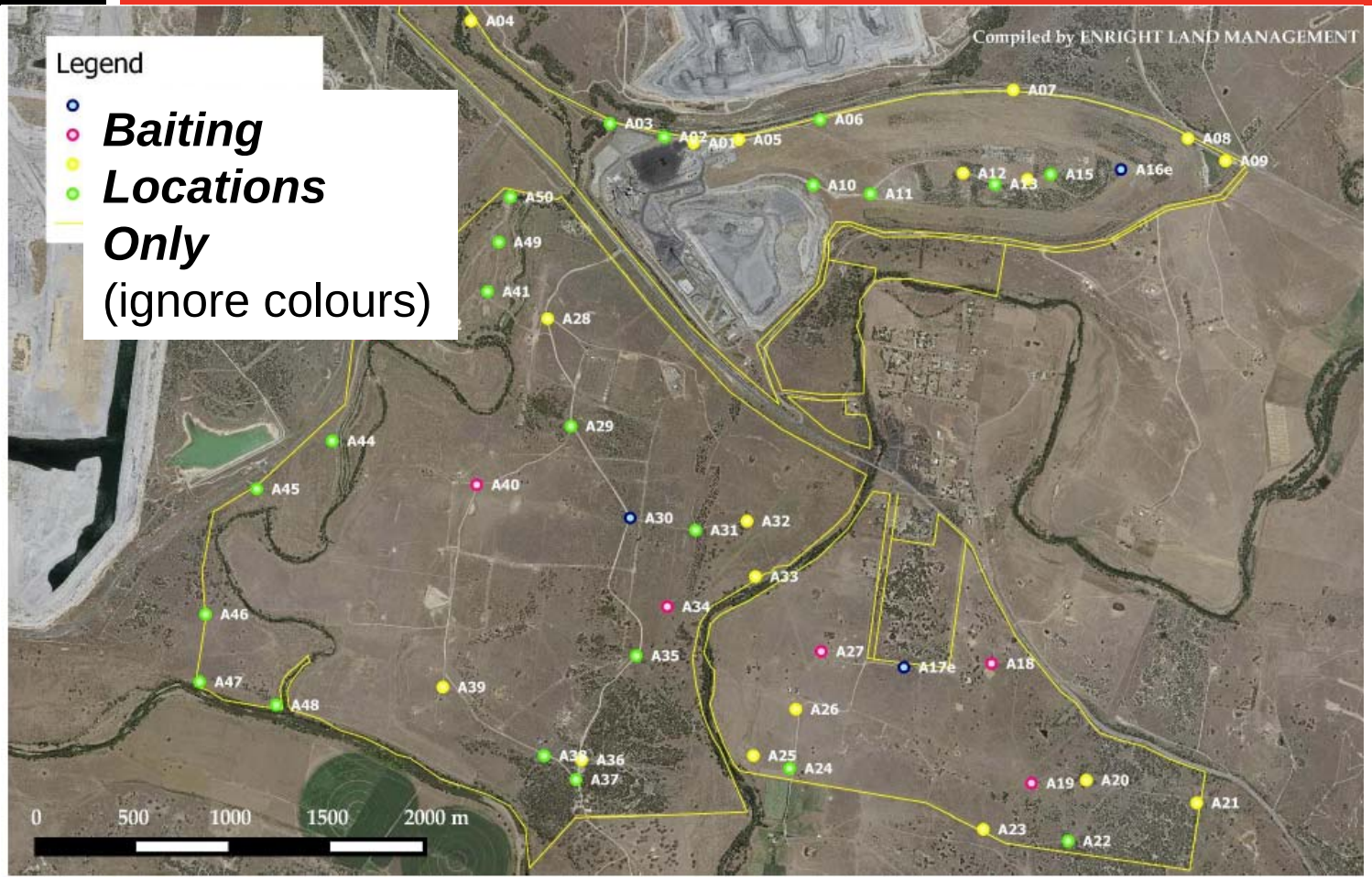
Monitoring (non-routine)

- Winter fauna / flora monitoring completed last week, and aquatic ecology completed mid-June.
- Five yearly physical survey of Bowmans Creek Diversion completed mid-June.

Property

- Weed spraying along banks of Glennies / Bowman's Creek (Feb / March) and SEOC/NEOC (April) properties.
- Tree planting completed in early June (550 shrubs & mid-storey trees).
- Feral (and overabundant native) animal control program
  - Winter (23/5/18 - 15/6/18) - 52 baiting stations, replaced weekly for 3 weeks
  - 33 fox takes; 8 wild dog takes

Environmental Update



- Upcoming:
  - Kangaroo (plus opportunistic feral animal) culling program - Winter.
  - Spring 1080 dog / fox baiting program

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Camberwell update

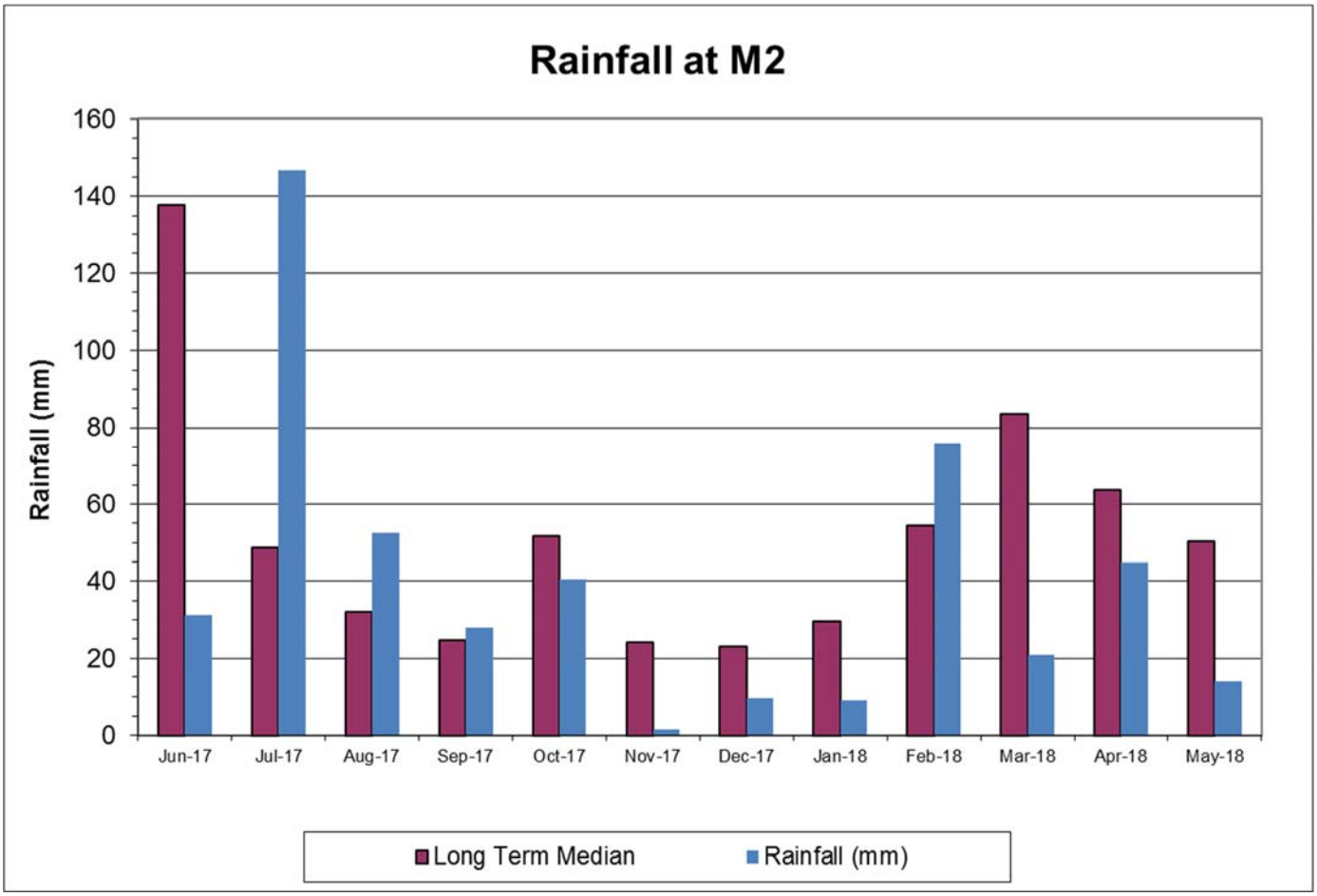
- Camberwell property
  - 38 homes tenanted
  - 3 homes vacant; 1 land only vacant
  - Demolition works - completion by end of 2018.

Any Questions?

ASHTON COAL COMMUNITY CONSULTATIVE COMMITTEE

ENVIRONMENTAL MONITORING DATA: JUNE 2018

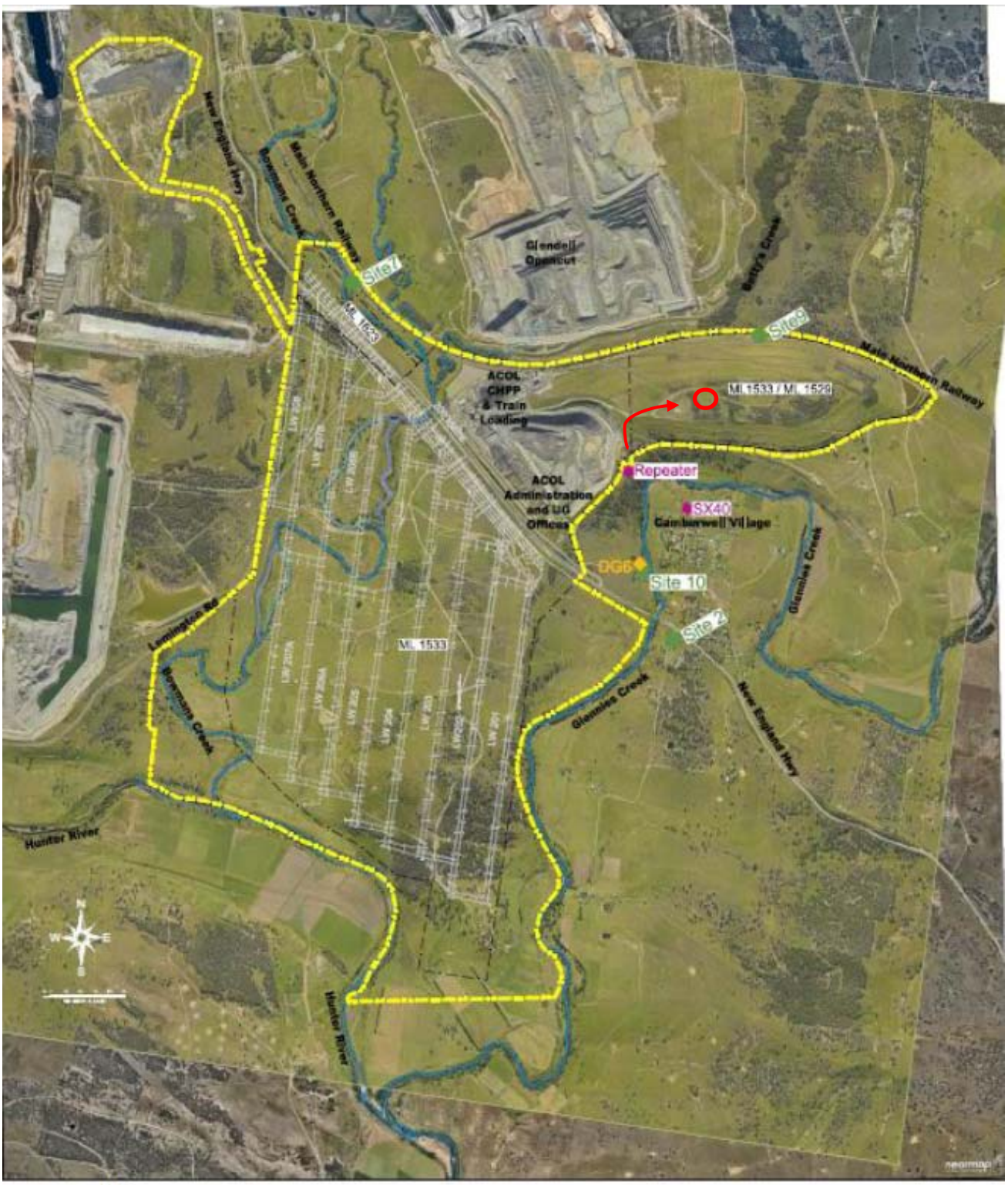
Rainfall



2017 Total Rainfall: 519mm

2018 Total Rainfall YTD (19/6/18): 217mm

Air Quality



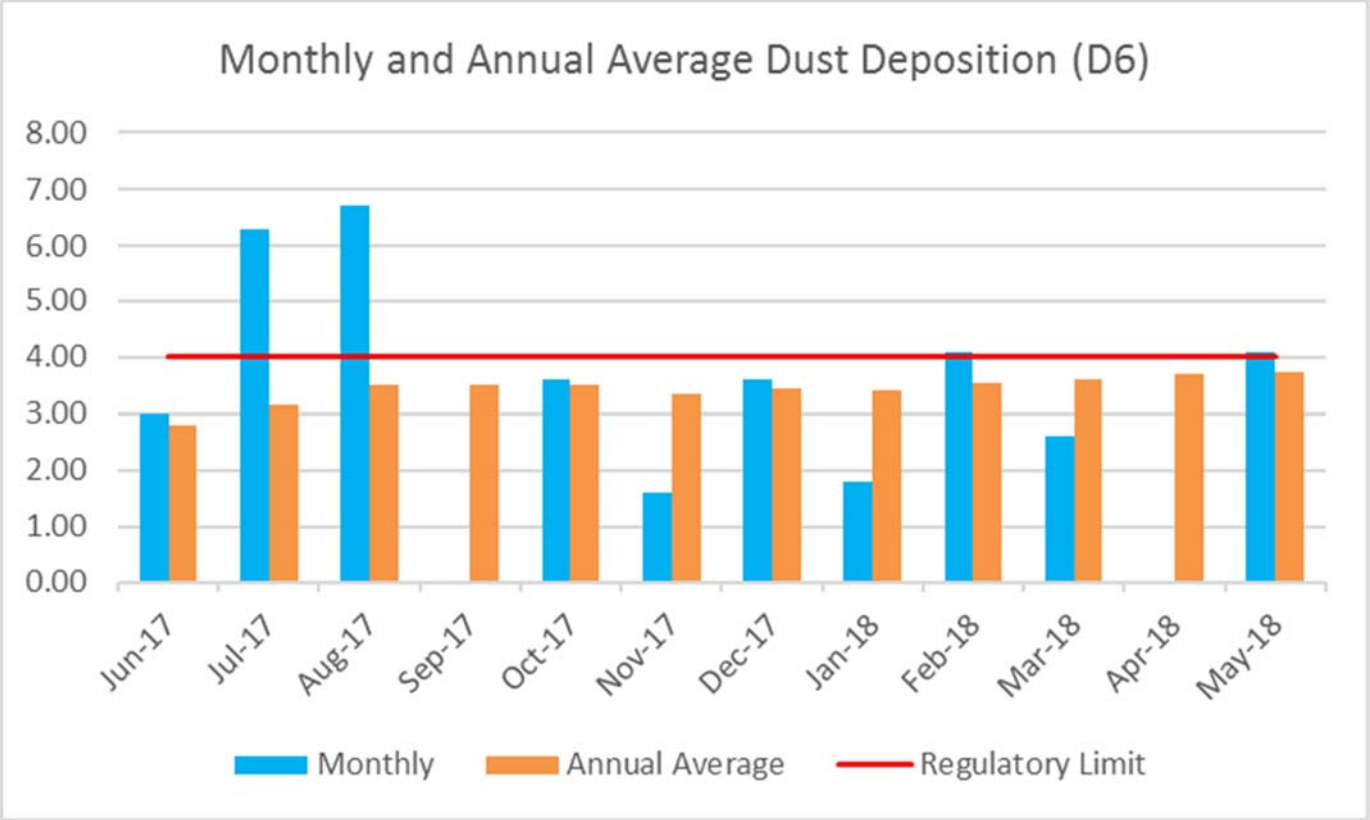
Key

- Ashton Development Consent Boundary
- Existing Lease Boundaries

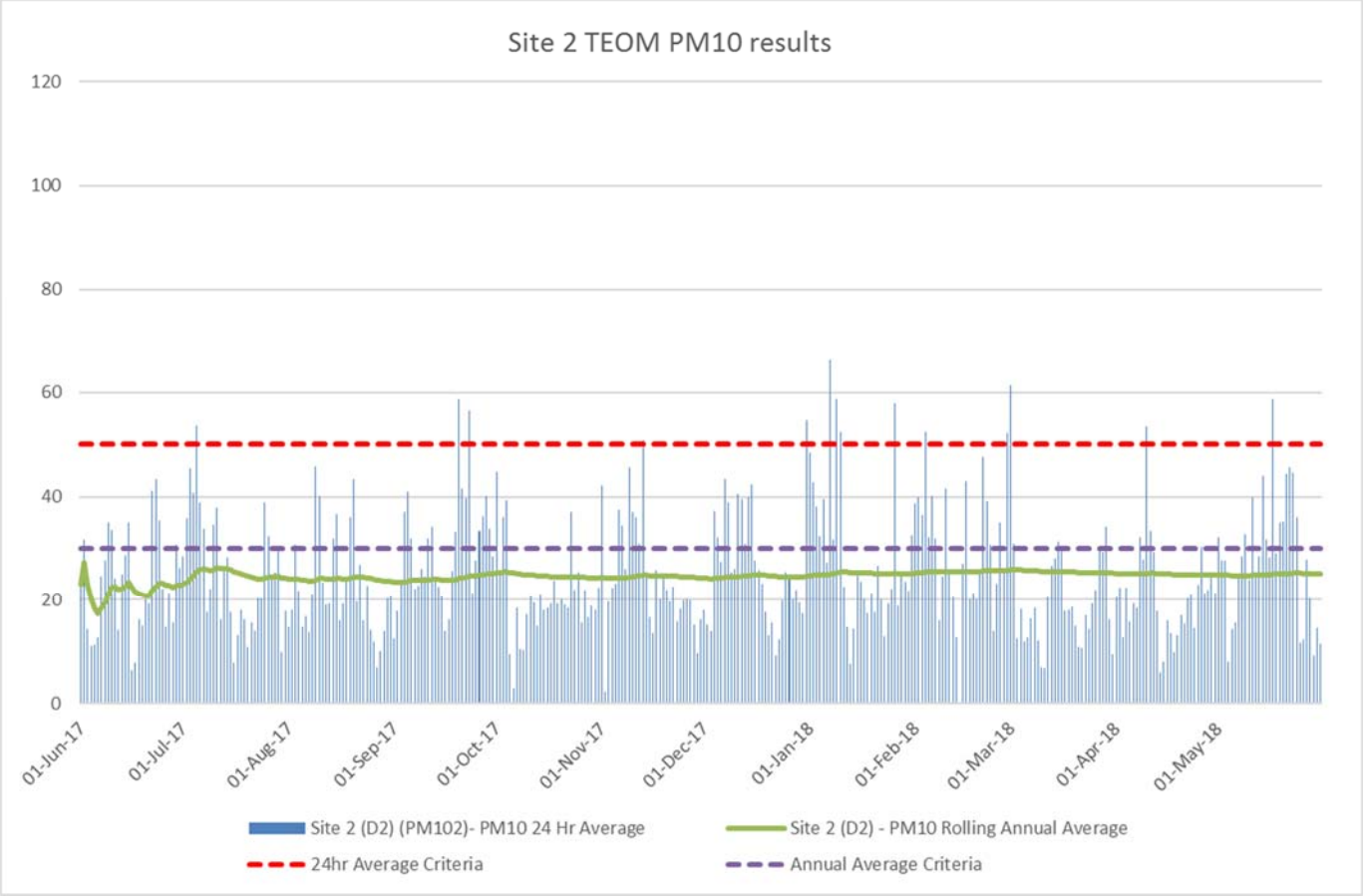
Site 8 - Air Quality TEOM Station (PM10)
DG6 - Depositional Dust Gauge
Repeater - Meteorological Station

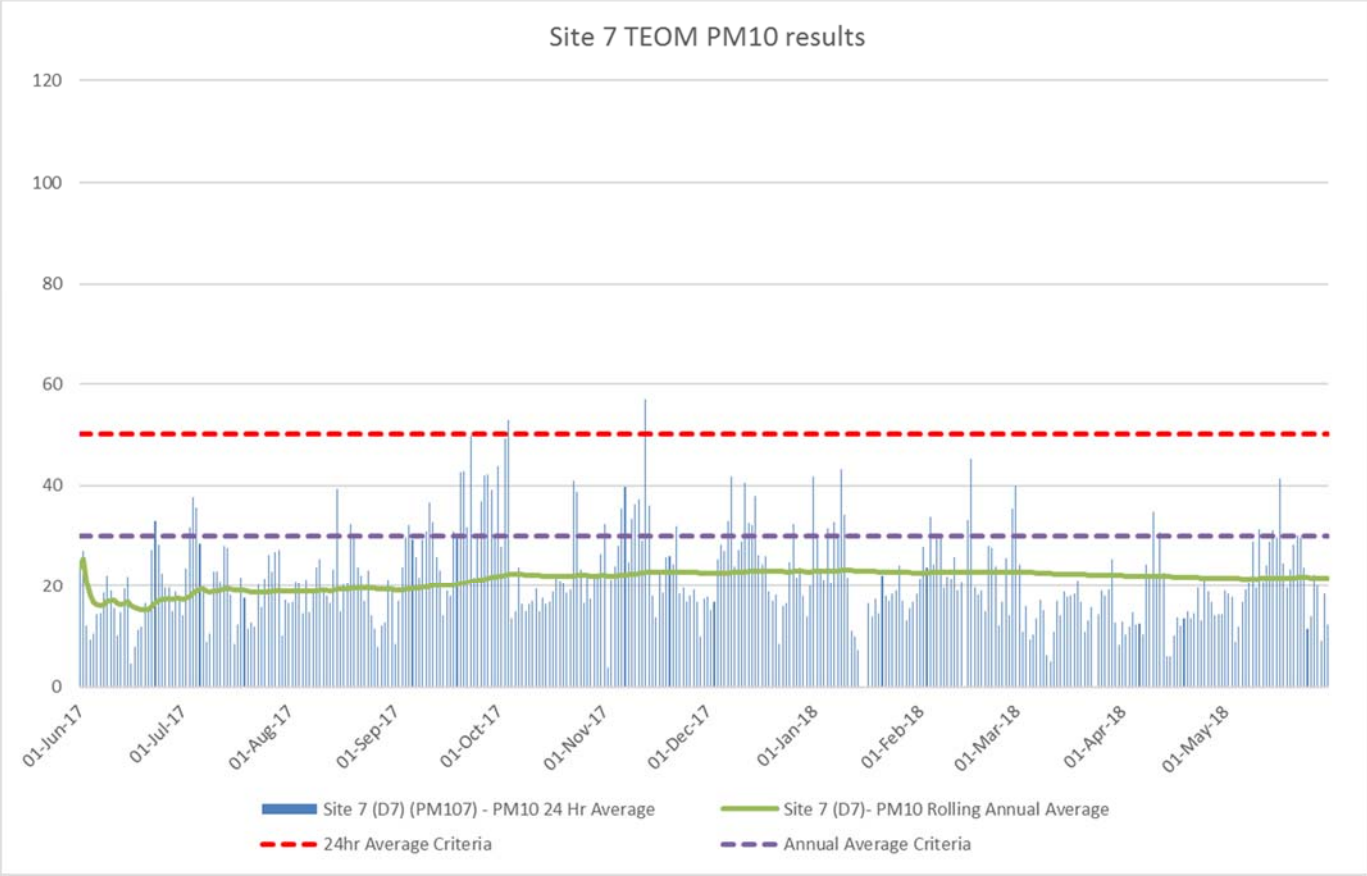
Note:
Site 2 to be removed from EPL as site 10 has been commissioned

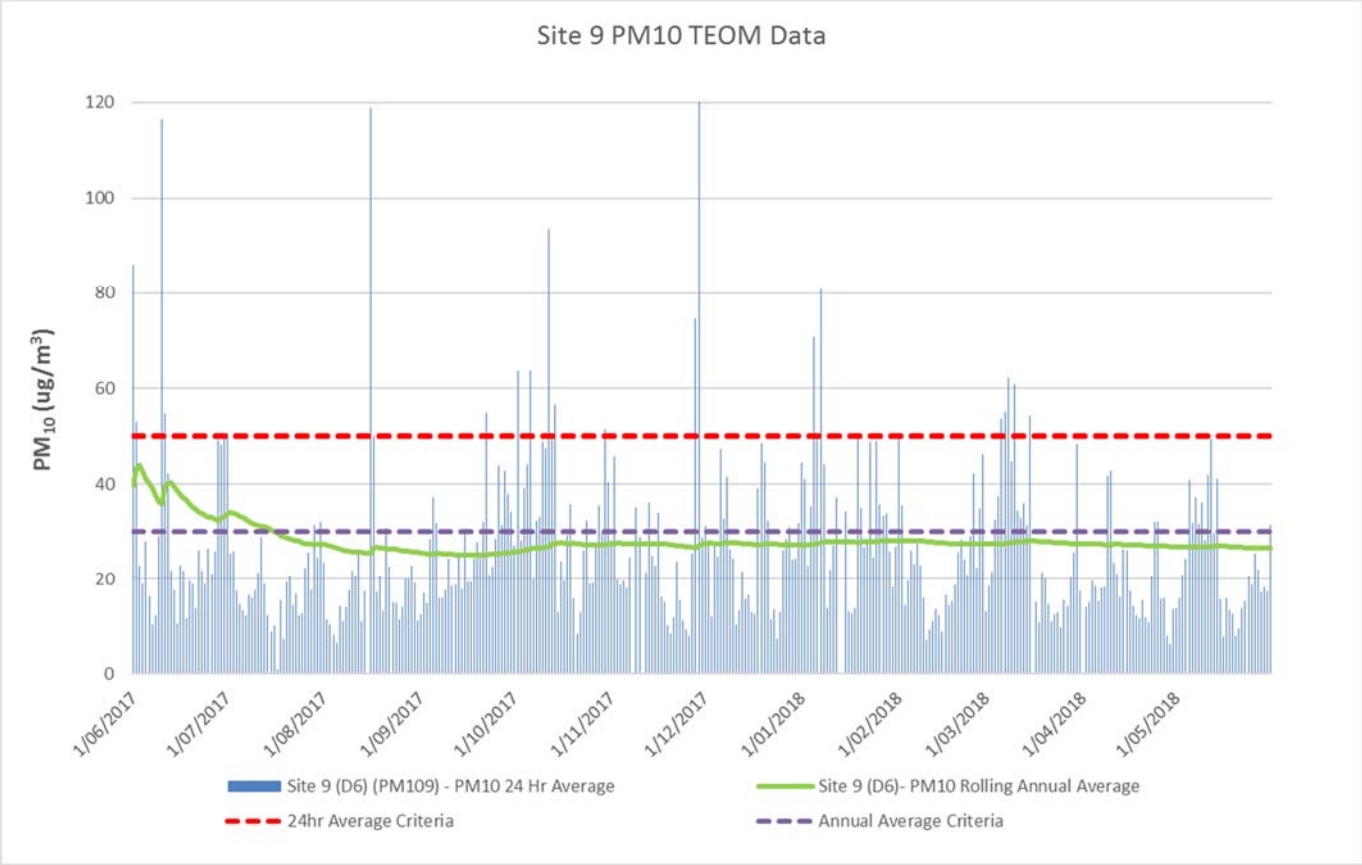
Depositional Dust Gauge

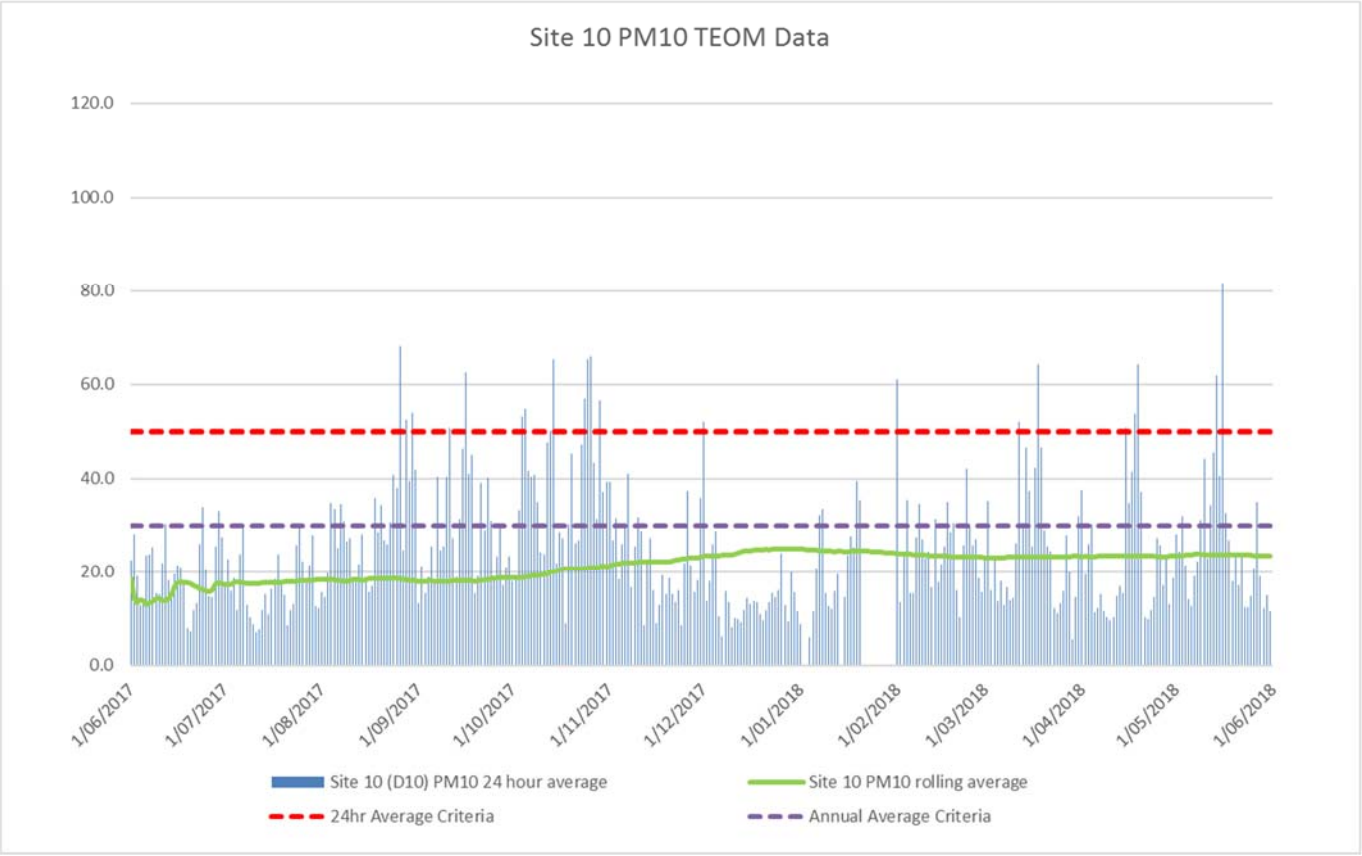


TEOM PM10


Site 2 TEOM PM10 results
120
100
80
60
40
20
0
01-Jun-17
01-Jul-17
01-Aug-17
01-Sep-17
01-Oct-17
01-Nov-17
01-Dec-17
01-Jan-18
01-Feb-18
01-Mar-18
01-Apr-18
01-May-18
Site 2 (D2) (PM102)- PM10 24 Hr Average
Site 2 (D2) - PM10 Rolling Annual Average
24hr Average Criteria
Annual Average Criteria


Site 7 TEOM PM10 results
120
100
80
60
40
20
0
01-Jun-17
01-Jul-17
01-Aug-17
01-Sep-17
01-Oct-17
01-Nov-17
01-Dec-17
01-Jan-18
01-Feb-18
01-Mar-18
01-Apr-18
01-May-18
Site 7 (D7) (PM107) - PM10 24 Hr Average
Site 7 (D7)- PM10 Rolling Annual Average
24hr Average Criteria
Annual Average Criteria

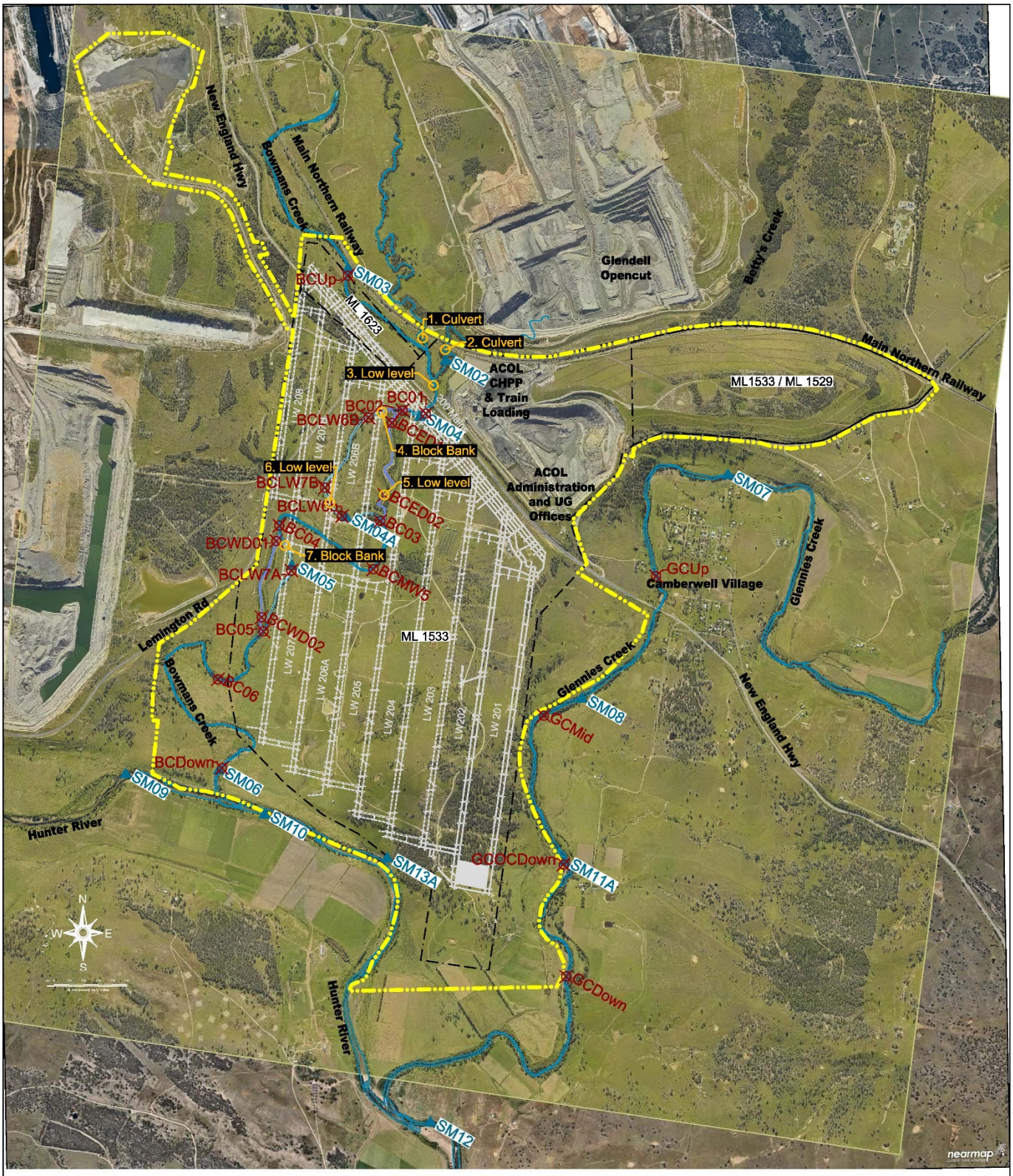

Site 9 PM10 TEOM Data
PM10 (ug/m3)
120
100
80
60
40
20
0
1/06/2017
1/07/2017
1/08/2017
1/09/2017
1/10/2017
1/11/2017
1/12/2017
1/01/2018
1/02/2018
1/03/2018
1/04/2018
1/05/2018
Site 9 (D6) (PM109) - PM10 24 Hr Average
Site 9 (D6)- PM10 Rolling Annual Average
24hr Average Criteria
Annual Average Criteria


Site 10 PM10 TEOM Data
120.0
100.0
80.0
60.0
40.0
20.0
0.0
1/06/2017
1/07/2017
1/08/2017
1/09/2017
1/10/2017
1/11/2017
1/12/2017
1/01/2018
1/02/2018
1/03/2018
1/04/2018
1/05/2018
1/06/2018
Site 10 (D10) PM10 24 hour average
Site 10 PM10 rolling average
24hr Average Criteria
Annual Average Criteria

Noise

Date	Time	Ashton Sampling Point	Unit of Measure	Total dB(A) Leq	Ashton Coal Project (ACP) Contribution dB(A)	Wind Speed (m/s)	Wind Direction	Inversion °C/ 100m/ Stability Class
6/02/2018	10:40 PM	N2	dB(A) Leq	50	ACP Inaudible	2.9	130	-0.4
6/02/2018	10:21 PM	N3	dB(A) Leq	39	ACP Inaudible	3.8	140	-0.3
6/02/2018	10:22 PM	N4	dB(A) Leq	39	ACP Inaudible	3.8	140	-0.3
6/02/2018	10:40 PM	N2	dB(A) LA1, 1 minute	-	ACP Inaudible	2.9	130	-0.4
6/02/2018	10:21 PM	N3	dB(A) LA1, 1 minute	-	ACP Inaudible	3.8	140	-0.3
6/02/2018	10:22 PM	N4	dB(A) LA1, 1 minute	-	ACP Inaudible	3.8	140	-0.3
7/03/2018	10:23 PM	N2	dB(A) Leq	48	ACP Inaudible	0	-	-0.3
7/03/2018	10:42 PM	N3	dB(A) Leq	40	ACP Inaudible	0.8	90	-0.4
7/03/2018	10:00 PM	N4	dB(A) Leq	40	ACP Inaudible	2.1	120	0.1
7/03/2018	10:23 PM	N2	dB(A) LA1, 1 minute	-	ACP Inaudible	0	-	-0.3
7/03/2018	10:42 PM	N3	dB(A) LA1, 1 minute	-	ACP Inaudible	0.8	90	-0.4
7/03/2018	10:00 PM	N4	dB(A) LA1, 1 minute	-	ACP Inaudible	2.1	120	0.1
4/04/2018	10:32 PM	N2	dB(A) Leq	52	ACP Inaudible	0.6	80	2.7
4/04/2018	10:53 PM	N3	dB(A) Leq	39	ACP Inaudible	0	-	2.7
4/04/2018	10:03 PM	N4	dB(A) Leq	39	ACP Inaudible	1.6	170	3.1
4/04/2018	10:32 PM	N2	dB(A) LA1, 1 minute	-	ACP Inaudible	0.6	80	2.7
4/04/2018	10:53 PM	N3	dB(A) LA1, 1 minute	-	ACP Inaudible	0	-	2.7
4/04/2018	10:03 PM	N4	dB(A) LA1, 1 minute	-	ACP Inaudible	1.6	170	3.1
14/05/2018	11:03 PM	N2	dB(A) Leq	50	ACP Inaudible	0	-	-11.4
14/05/2018	11:38 PM	N3	dB(A) Leq	44	ACP Inaudible	0	-	-10.4
14/05/2018	10:30 PM	N4	dB(A) Leq	43	ACP Inaudible	1	160	-11.2
14/05/2018	11:03 PM	N2	dB(A) LA1, 1 minute	-	ACP Inaudible	0	-	-11.4
14/05/2018	11:38 PM	N3	dB(A) LA1, 1 minute	-	ACP Inaudible	0	-	-10.4
14/05/2018	10:30 PM	N4	dB(A) LA1, 1 minute	-	ACP Inaudible	1	160	-11.2

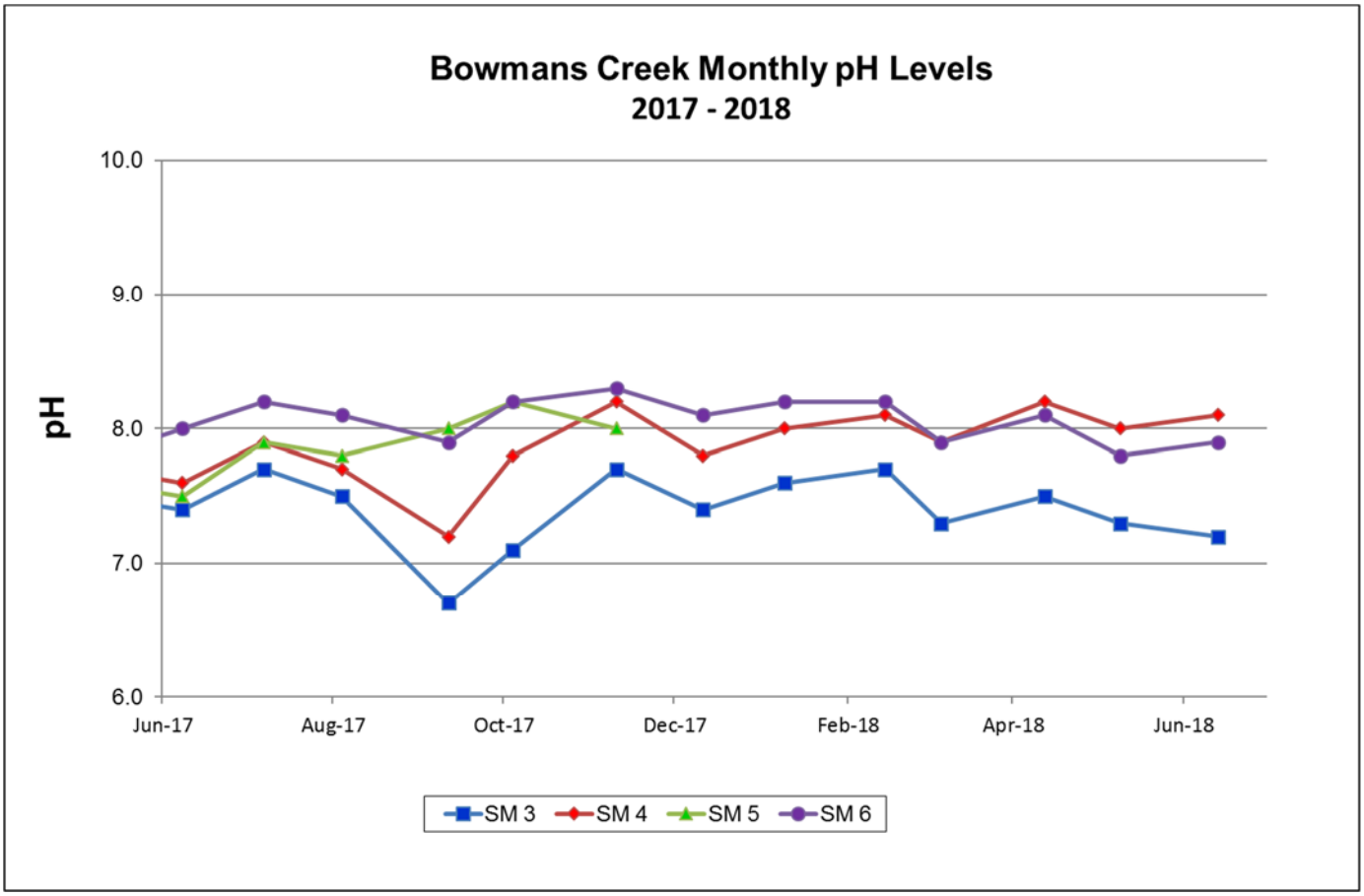
Surface Water

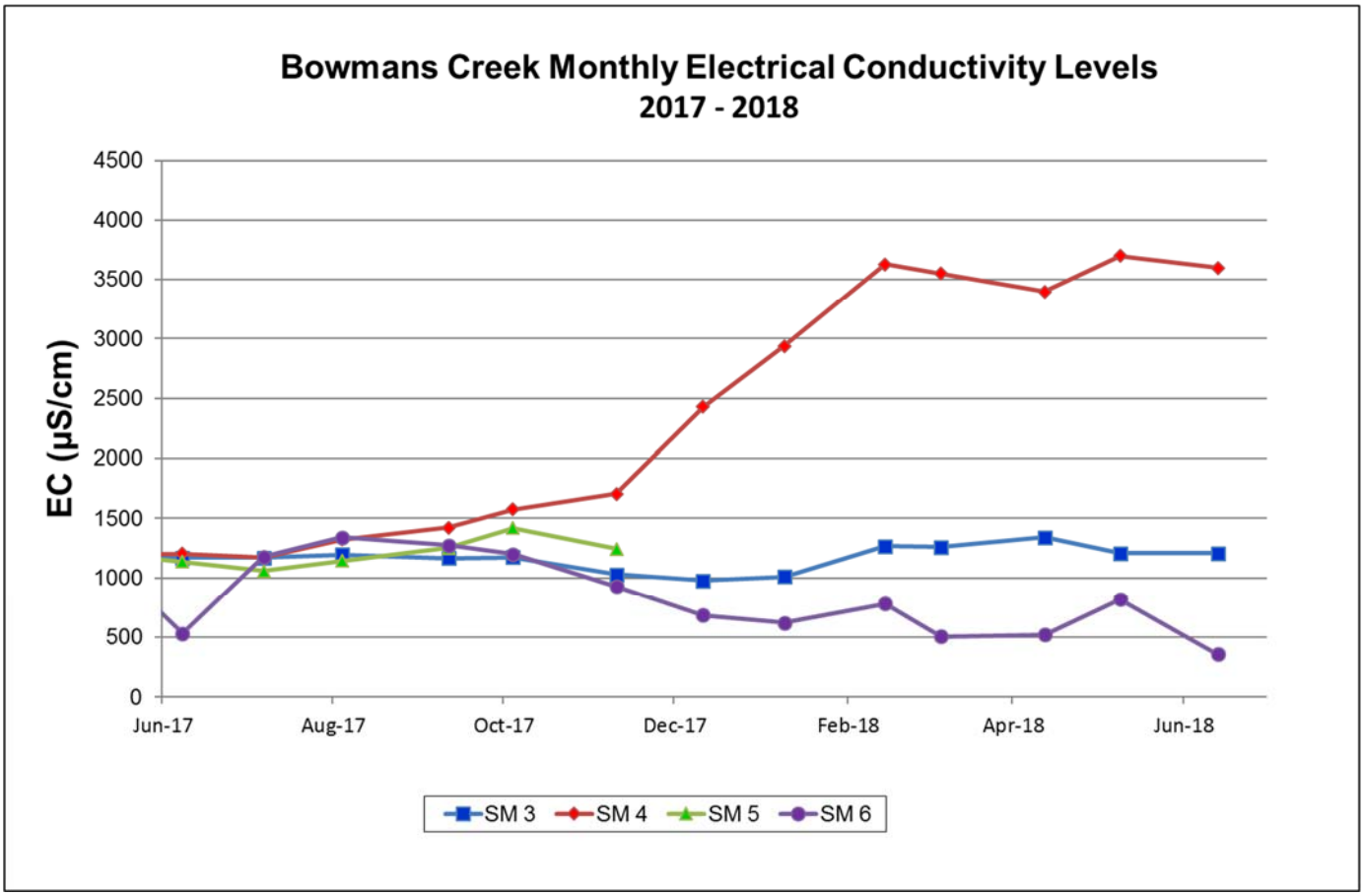


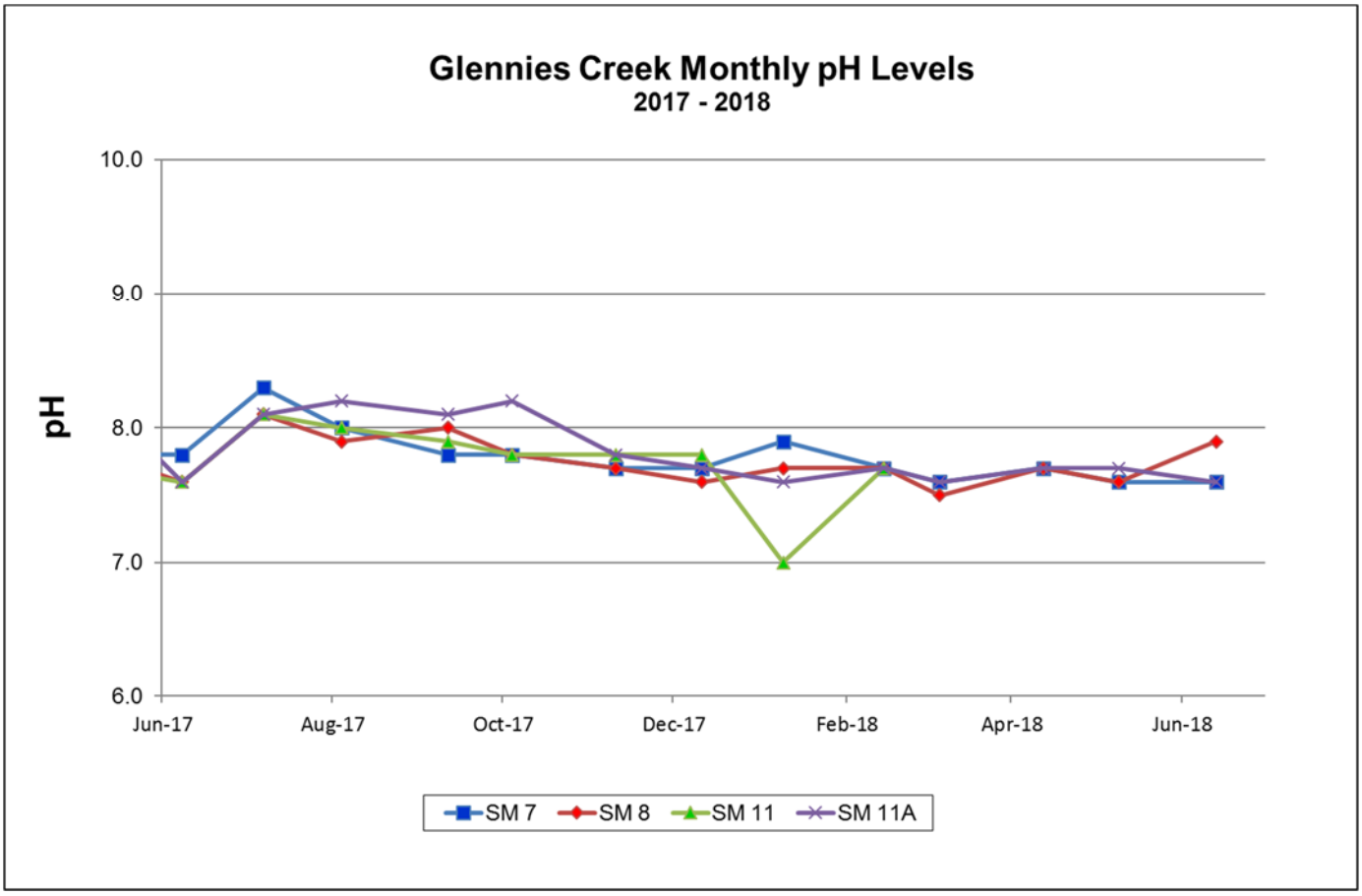
Note: The monitoring programs are current at the time of this strategy review, and are subject to change in-line with the EPL and approved management plans.

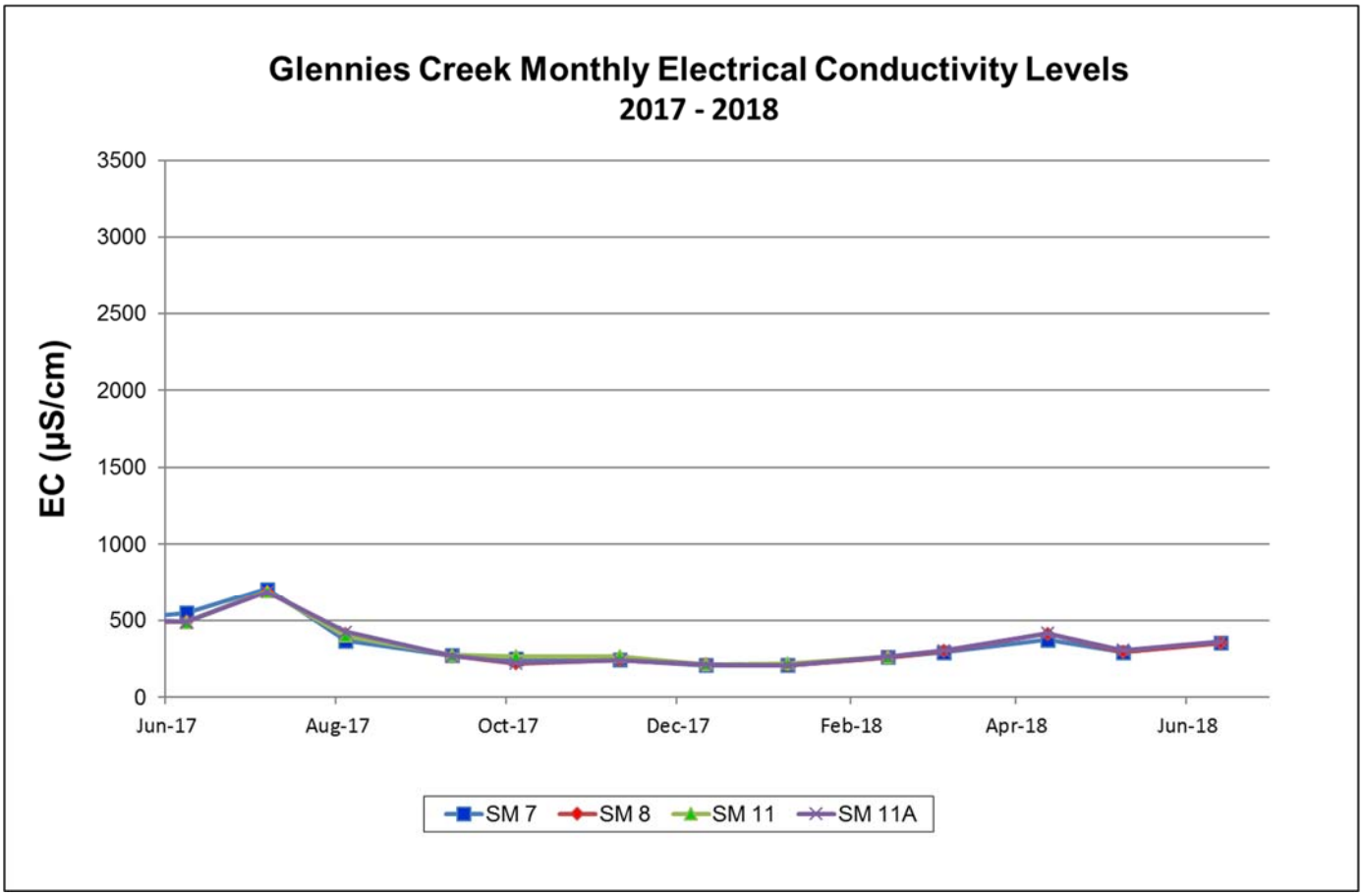
Monitoring Sites

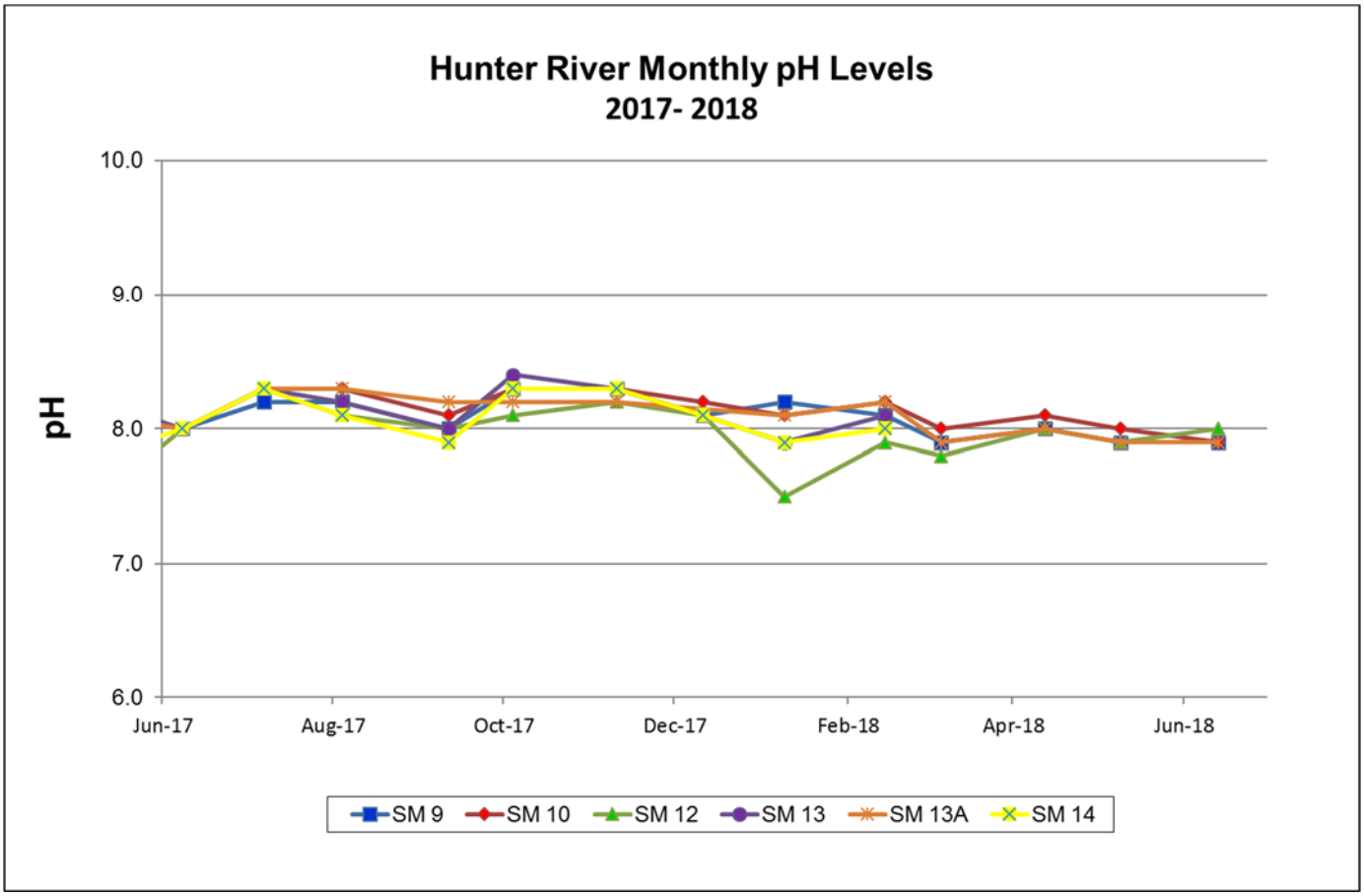
SM7	- Surface Water Monitoring location
GC04	- Stream Health Monitoring location
Low level	- Creek Crossing

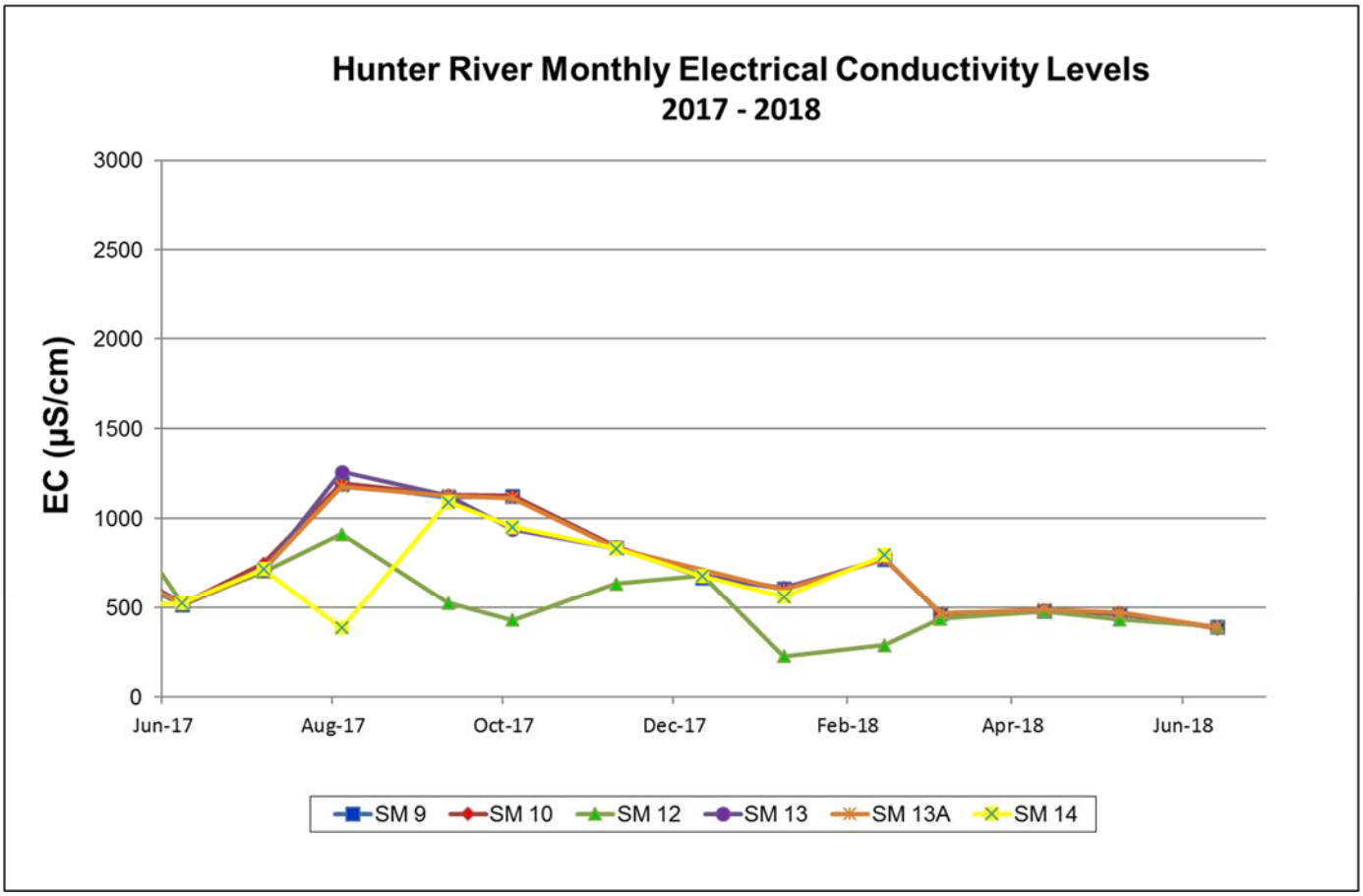

Bowmans Creek Monthly pH Levels
2017 - 2018
pH
10.0
9.0
8.0
7.0
6.0
Jun-17
Aug-17
Oct-17
Dec-17
Feb-18
Apr-18
Jun-18
SM 3
SM 4
SM 5
SM 6


Bowmans Creek Monthly Electrical Conductivity Levels
2017 - 2018
EC (µS/cm)
4500
4000
3500
3000
2500
2000
1500
1000
500
0
Jun-17
Aug-17
Oct-17
Dec-17
Feb-18
Apr-18
Jun-18
SM 3
SM 4
SM 5
SM 6

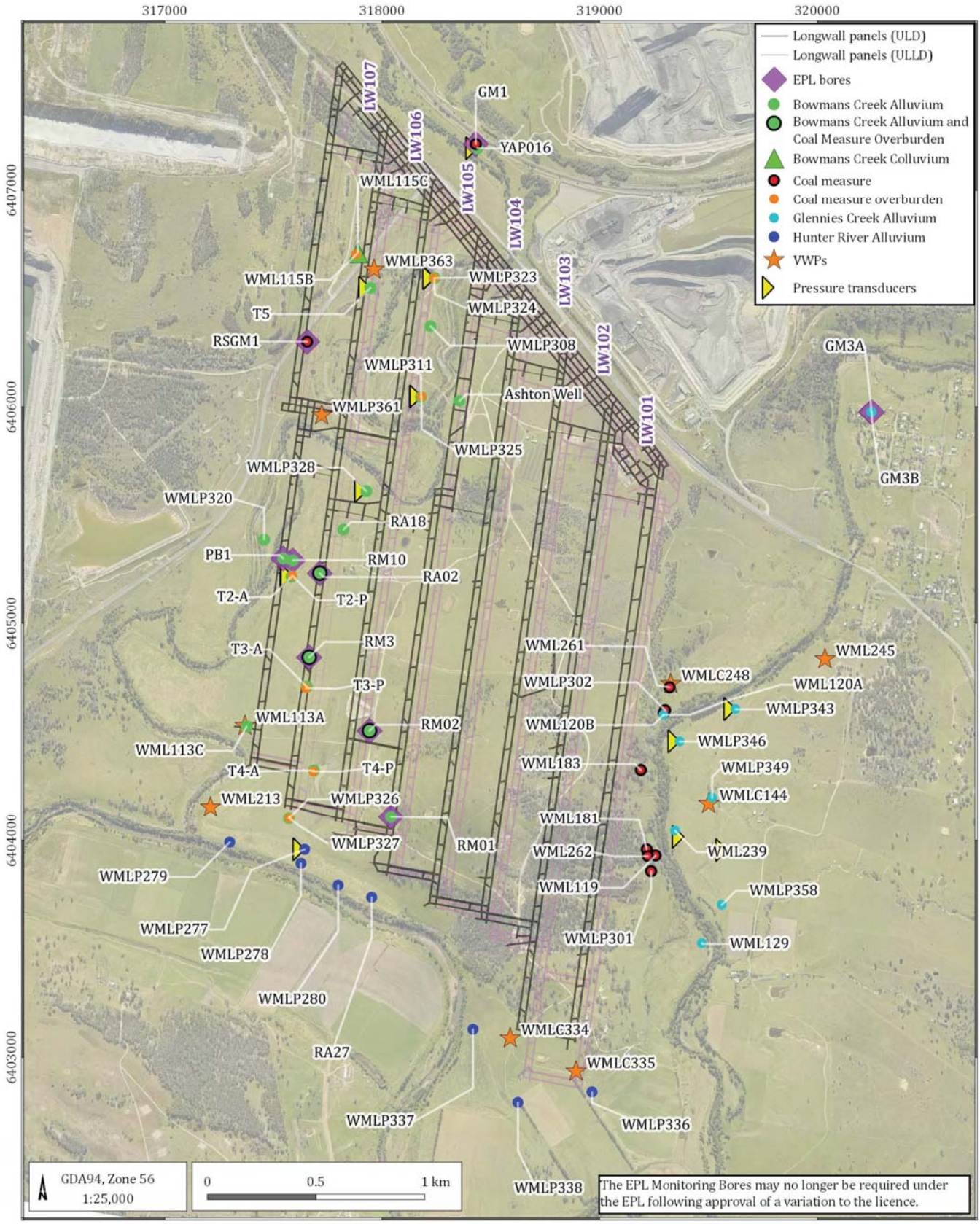

Glennies Creek Monthly pH Levels
2017 - 2018
pH
10.0
9.0
8.0
7.0
6.0
Jun-17
Aug-17
Oct-17
Dec-17
Feb-18
Apr-18
Jun-18
SM 7
SM 8
SM 11
SM 11A


Glennies Creek Monthly Electrical Conductivity Levels
2017 - 2018
EC (µS/cm)
3500
3000
2500
2000
1500
1000
500
0
Jun-17
Aug-17
Oct-17
Dec-17
Feb-18
Apr-18
Jun-18
SM 7
SM 8
SM 11
SM 11A

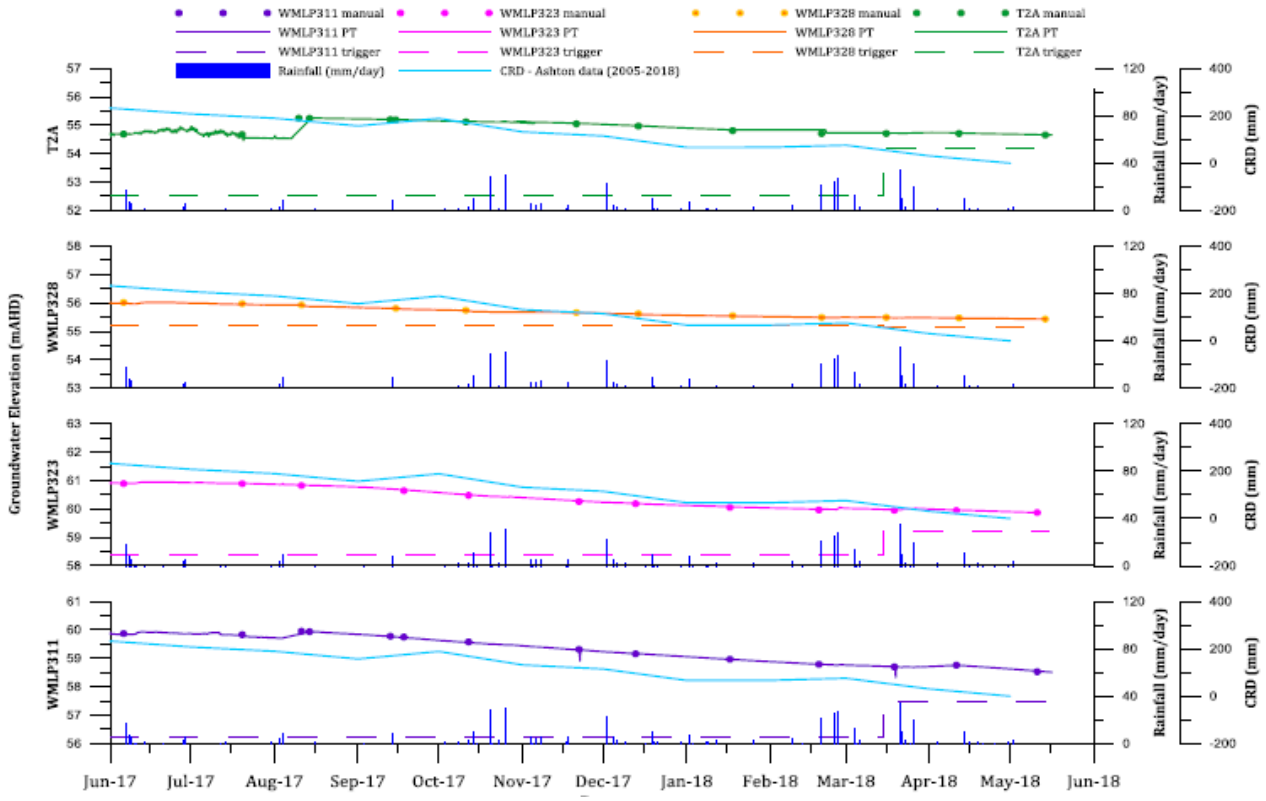

Hunter River Monthly pH Levels
2017- 2018
pH
10.0
9.0
8.0
7.0
6.0
Jun-17
Aug-17
Oct-17
Dec-17
Feb-18
Apr-18
Jun-18
SM 9
SM 10
SM 12
SM 13
SM 13A
SM 14


Hunter River Monthly Electrical Conductivity Levels
2017 - 2018
EC (µS/cm)
3000
2500
2000
1500
1000
500
0
Jun-17
Aug-17
Oct-17
Dec-17
Feb-18
Apr-18
Jun-18
SM 9
SM 10
SM 12
SM 13
SM 13A
SM 14

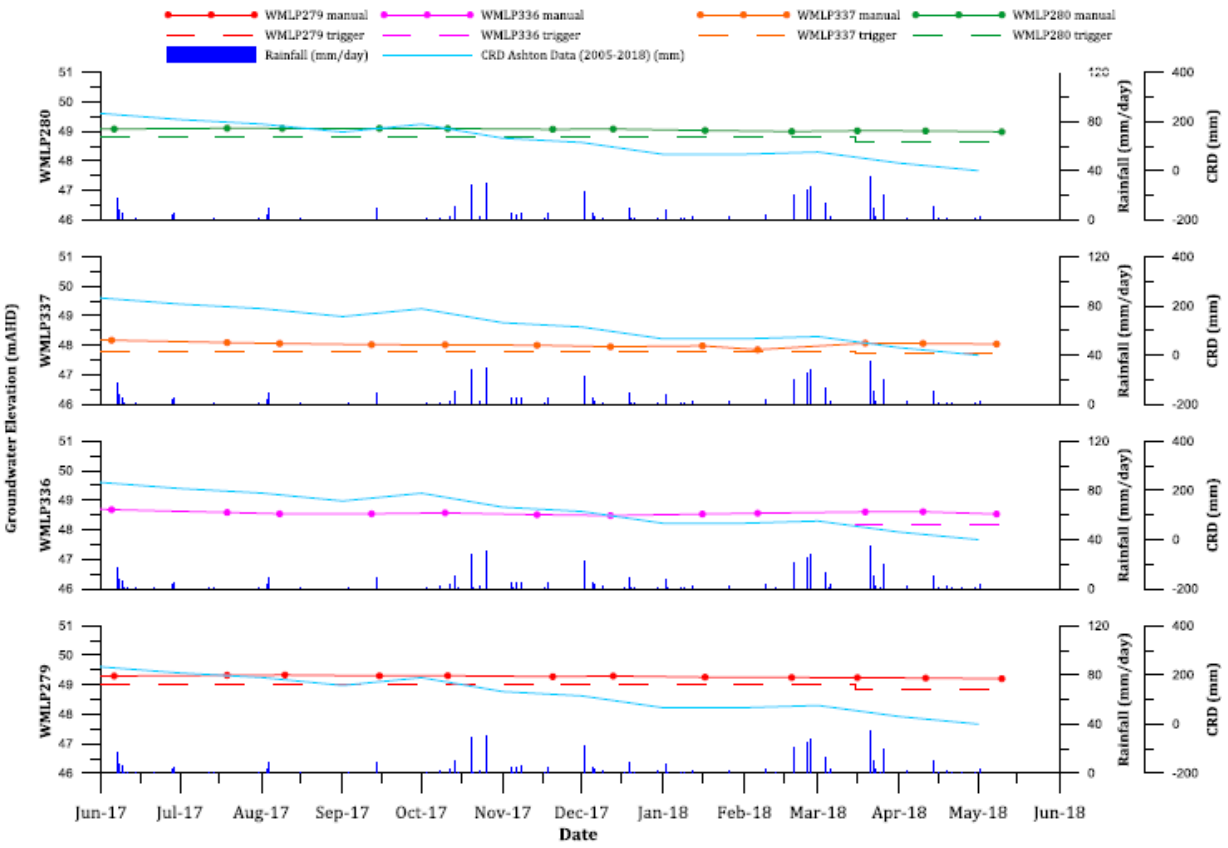
Groundwater



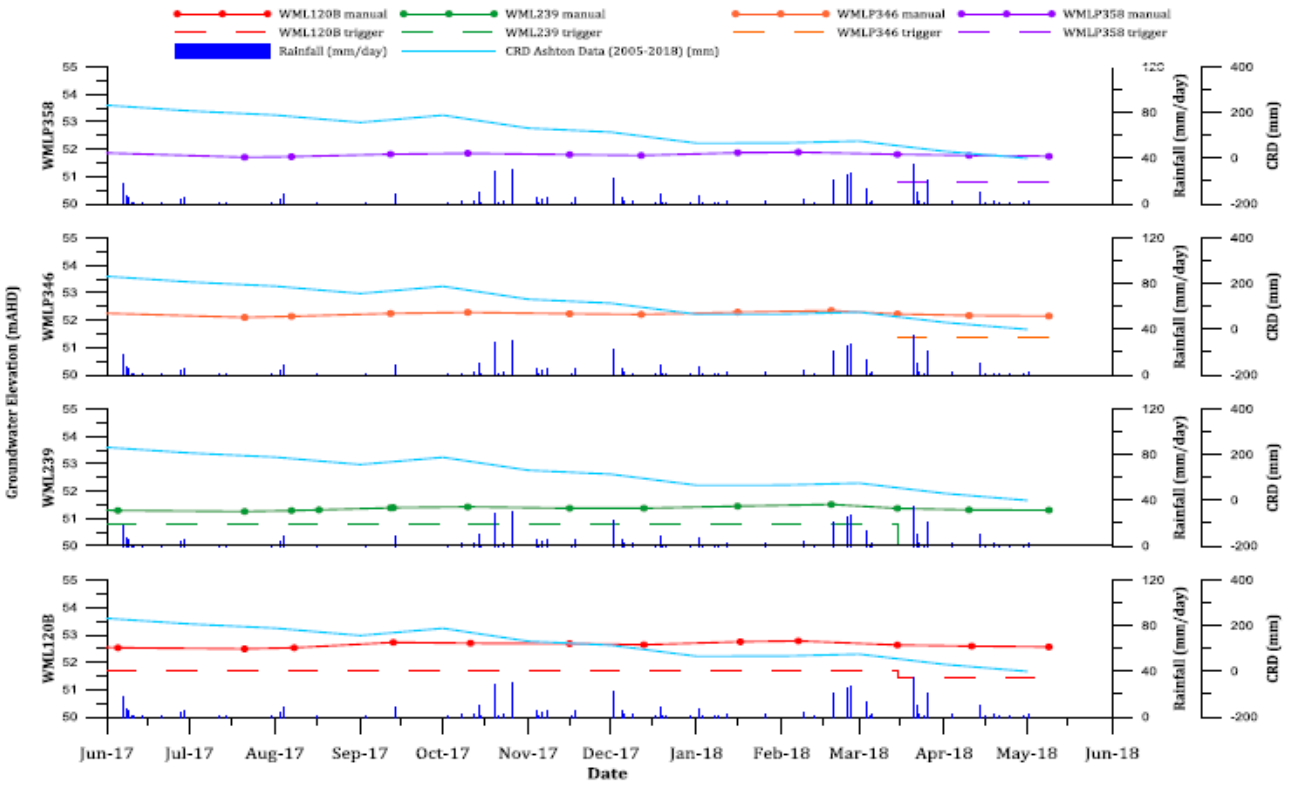
Bowmans Creek alluvial groundwater

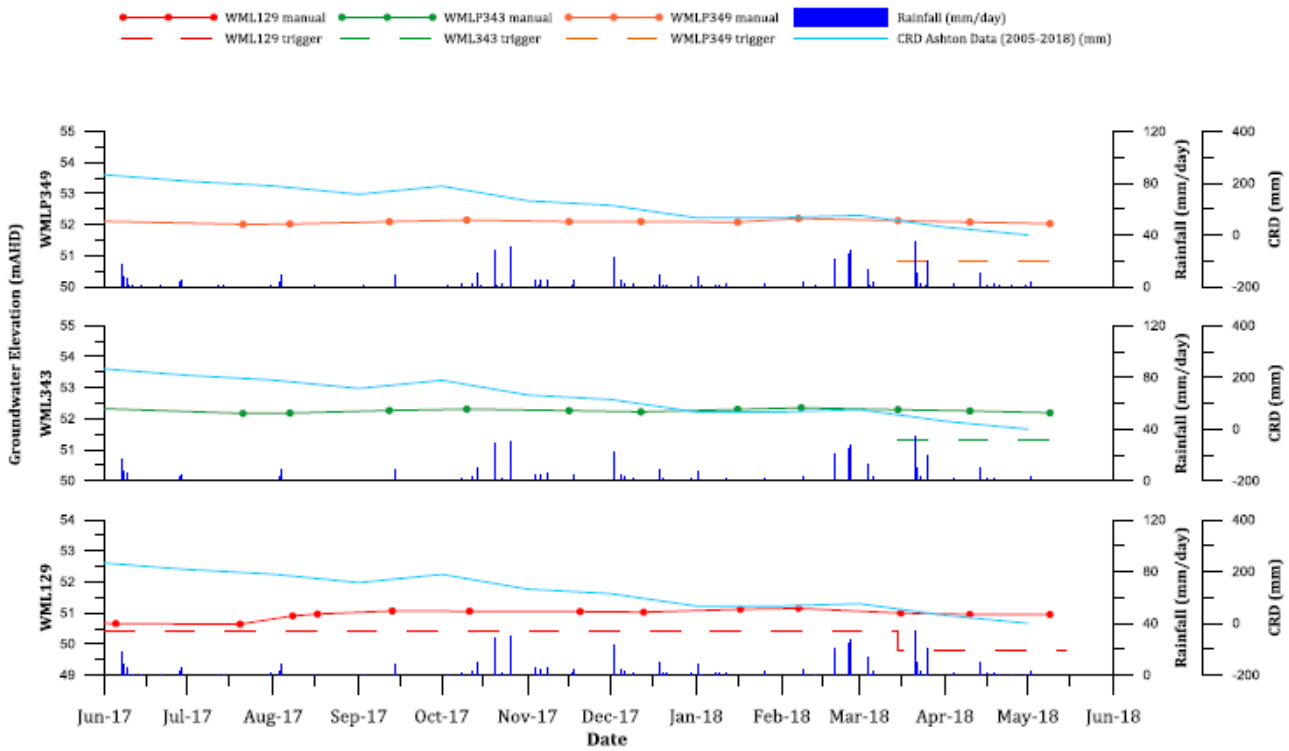
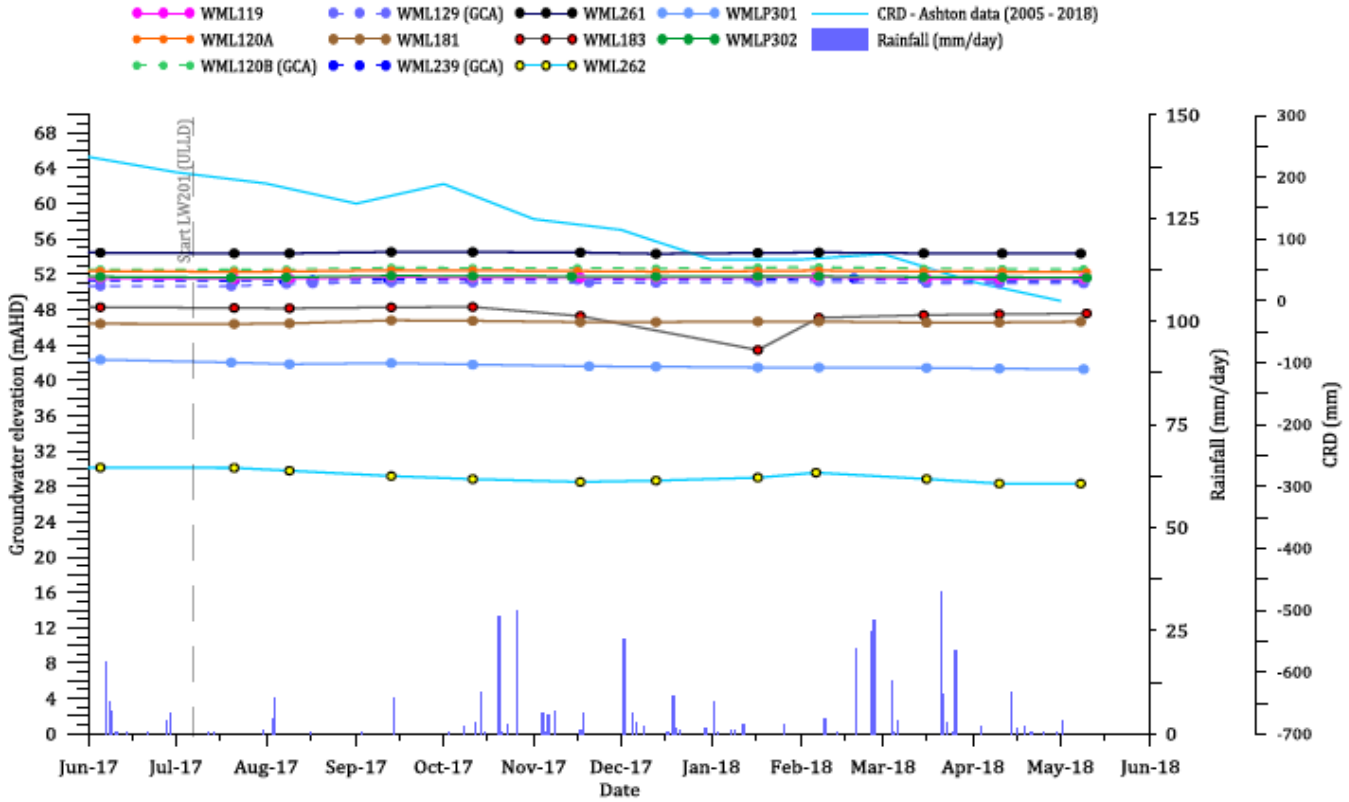


Hunter River alluvial groundwater



Glennies Creek alluvial groundwater





Groundwater bores in vicinity of LW201