

**MOOLARBEN COAL OPERATIONS - COMMUNITY CONSULTATIVE COMMITTEE
MEETING No. 48**

Date: Tuesday 12th March 2019
Time: 4:03pm
Location: Moolarben Coal Open Cut Administration Board Room, Ulan
Attendance: Independent Chairperson
Lisa Andrews (LA)

Community Members

Aleisha Lonsdale (AL)
Andrew Palmer (AP)
Bev Smiles (BS)
Helen Ungaro (HU)
Julia Imrie (JI)

Moolarben Coal Operations

Steve Archinal (SA)
Graham Chase (GC)
Trent Cini (TC)
Michelle Frankham (MF)

Apologies

David Stokes (DS)
Cr John O'Neil (Mid Western Regional Council)

A hard copy of the Agenda and Meeting 48 Presentation was provided to all meeting attendees.

1. Introduction and Welcome

Lisa Andrews (LA) opened the meeting and welcomed all attendees to the Moolarben Coal Operations (MCO) CCC.

2. Apologies

David Stokes (DS)
Cr John O'Neil (Mid Western Regional Council)

3. Declarations

LA declared that she is an approved Independent Chairperson with DPE and engaged by Yancoal to chair this CCC. No changes to members' previous declarations.

4. Business Arising from Previous Finalised Minutes

Meeting 47 Action 1 - Send revised CSP Guidelines to CCC members.

Guidelines still to be finalised. Guidelines will be provided to CCC members once complete.

Meeting 47 Action 2 - *MCO to advise whether gravel from Bylong Quarry is provided to MCO.*

GC confirmed that MCO does source some products from Bylong Quarry.

5. Correspondence

Correspondence to the CCC since meeting 47 included the following:

- 05/12/18 – Draft minutes sent to CCC members for review/comment.
- 11/12/18 – Email from JI requesting monitoring information from bores: PZ105A PZ105B and PZ105C (forwarded on to MCO).
- 17/12/18 – Email from JI attaching photographs with concerns about Saddlers Creek Road (forwarded on to MCO).
- 17/12/18 – Finalised minutes sent to CCC members.
- 08/02/18 – Email to members advising that the Moolarben Open Cut Optimisation Modification has been referred by the Department of Planning and Environment to the Independent Planning Commission.
- 01/03/19 – Email to members with the Meeting Notice & Agenda for this meeting with Correspondence Report.
- 9/03/19 Email to members reminding of Tuesday 12 March CCC meeting.

GC provided a hardcopy of the monitoring data from monitoring program. JI questioned the yield from the northern UG4 bores? GC advised there had been no extraction from these bores. JI questioned whether MCO ha an estimated yield? GC advised that no pump tests have been undertaken.

6. CCC Update Presentation

GC provided an update on the Community Support Program (CSP). GC noted a revised approach for the MCO CSP in 2019. GC advised the Guidelines are being revised, however the existing Guidelines are available on the website. The intention of the new guidelines are to build longer term partnerships.

BS asked whether community organisations based out of Ulan and Wollar are being supported through the MCO Community Support Program (CSP). GC advised that the CSP is open to community organisations within the MWRC LGA and that the Ulan School for example had recently received a donation as part of the 2018 CSP.

TC provided an operational update. BS asked when MCO would be mining toward Wilpinjong (i.e. the east side of OC4). GC advised the pit would extend to the east around 2030.

TC provided a drilling and exploration update.

TC provided an update on environmental monitoring including water quality. BS asked whether MCO has a groundwater monitoring program within the Wilpinjong Creek. GC confirmed. BS requested an update on the groundwater monitoring levels at the next meeting. **Meeting 48 Action 1** – *Provide groundwater level results in the 2018 Annual Review presentation at the June CCC.* BS indicated that additional water may be being utilised for dust suppression at present and asked whether MCO has sufficient operational water? GC confirmed. GC referenced MCO's water sharing agreement with UCML and noted that operational water can be taken from UCML.

Jl acknowledged that the Water Management Plan will soon be triggered for review and questioned whether MCO has commenced the review process. GC advised that MCO have requested to consolidate the review dates with DP&E. The document is proposed to be revised following approval of the Open Cut Optimisation Modification is approved.

Jl asked about PZ105? GC advised that 105B has been decommissioned, 105A has been converted to a multi-level vibrating wire and PZ105C is an open standpipe.

Jl asked about the water make in UG1? GC advised the dewatering in February was approximately 70L/s (note: includes supply, recirculation and inflows).

BS asked about the UCML water sharing agreement? GC advised the agreement is in place and is a commercial agreement.

TC provided an update on air quality. BS asked about MCO's PM2.5 results? TC advised monitoring of PM2.5 is not in MCO's EPL or Project Approvals.

TC provided an update on noise monitoring and community complaints. BS asked where the 7 complaints have come from. MF advised the complainants were located around the Ridge Road, Winchester Crescent location within Cooks Gap.

TC provided an update on rehabilitation and biodiversity offsets area (BOA) management. LA asked where waste fencing is disposed of. TC advised that steel is recycled and timber may be used as habitat features, or recycled if in an adequate condition. BS asked whether the BOA's had experienced any fires over summer. TC advised 2 lightning strikes had causes small fires, which had been attended to.

GC provided an overview of the Independent Environmental Audit (IEA) findings. Jl asked for more information about the bore notifications? GC advised that it related to production bore Form As being submitted to DoI Water after the 2-month notification period.

Jl asked which offset properties do not yet have covenants on title. GC advised Bobadeen areas and several other BOA's. GC noted the Covenants had been with DP&E for a number of months before a response was provided to MCO. MCO provided updated Covenants in September 2018. BS asked whether the terms had not been sufficient. GC advised that Covenants provided were based on previously approved Covenants. MCO continues to manage the offsets and anticipates a response regarding the covenants in the near future.

Jl asked who completed the IEA? GC advised that Ken Holmes from Pitt and Sherry.

GC provided an employment and recruitment update. BS asked what the current number of employees were. Question taken on notice. **Meeting 48 Action 2.**

AP questioned whether MCO had recently experienced staff turnover? SA advised MCO has seen minimal staff turnover, the Open Cut operators had remained stable, and the UG had seen some turnover since the last CCC Meeting (Meeting 47).

GC provided an update on the Open Cut Optimisation Modification.

7. General Business

JI noted that the Groundwater management plan now used the 95th percentile value as a trigger except for 103c. GC explained that early anomalous results were recorded within 103c EC values and the 90th percentile was used so the values didn't contribute to the trigger level. JI asked why Table 10 remained in the Groundwater Management Plan which references Groundwater quality categories. GC advised Beneficial Use categories have been included for context. JI asked the process when trigger values are exceeded. GC explained that there is a trigger response protocol within the GWMP that is followed and if the exceedance is related to MCO, it is reported.

BS asked about the recent train derailment near Denman? GC advised the incident is under investigation by the relevant authorities and that MCO has not yet been provided an update.

BS noted the full MCO coal stockpiles and enquired about spontaneous combustion. SA advised that the coal is not prone to spontaneous combustion. BS referred to the global market demand for coal. SA advised that MCO is not currently experiencing change in demand for product. BS asked whether MCO has any stockpile restrictions. SA advised coal is managed within the stockpile footprint and considers railings. BS asked whether the rail influences would have any impact on employment. SA answered that it is unlikely. BS asked whether MCO had been provided information regarding the 2018 derailment. SA advised no further information has been provided to MCO.

8. Next Meeting: 4th June 2019 – 4:00pm.

Meeting Closed at 4:55pm.

Action Items:

Item	Action	Responsibility
1	Provide groundwater level results in the 2018 Annual Review presentation at the June CCC.	MCO
2	Provide current employee numbers at MCO (including apprentices)	GC

Community Consultative Committee Update

March 2019



Community Support Program

Recent Community Support Events

- Gulgong Show
- Rylstone-Kandos Show
- Mudgee Show

CSP round 1 recipient to be announced soon.

Program Updates

- Revised Guidelines
- Focus on partnerships



Moolarben Celebrity Golf Classic

**Moolarben Celebrity Golf Classic wins
Sports Event of the Year.**

**Congratulations to Peter Mayson, Peter
Sterling and Ken Sutcliffe.**

Over \$250,000 raised for charity to date.

This years recipients included:

- Pioneer House
- Life Skills Plus
- Mudgee Hospital
- Mudgee Men's Shed
- Mudgee Junior Golf



Upcoming Events and Initiatives

2019 Events

- 2019 Max Potential Program
- Survivor Lifeskills Program at Mudgee, Dunedoo and Gulgong high schools
- Can Cruise – 16 March

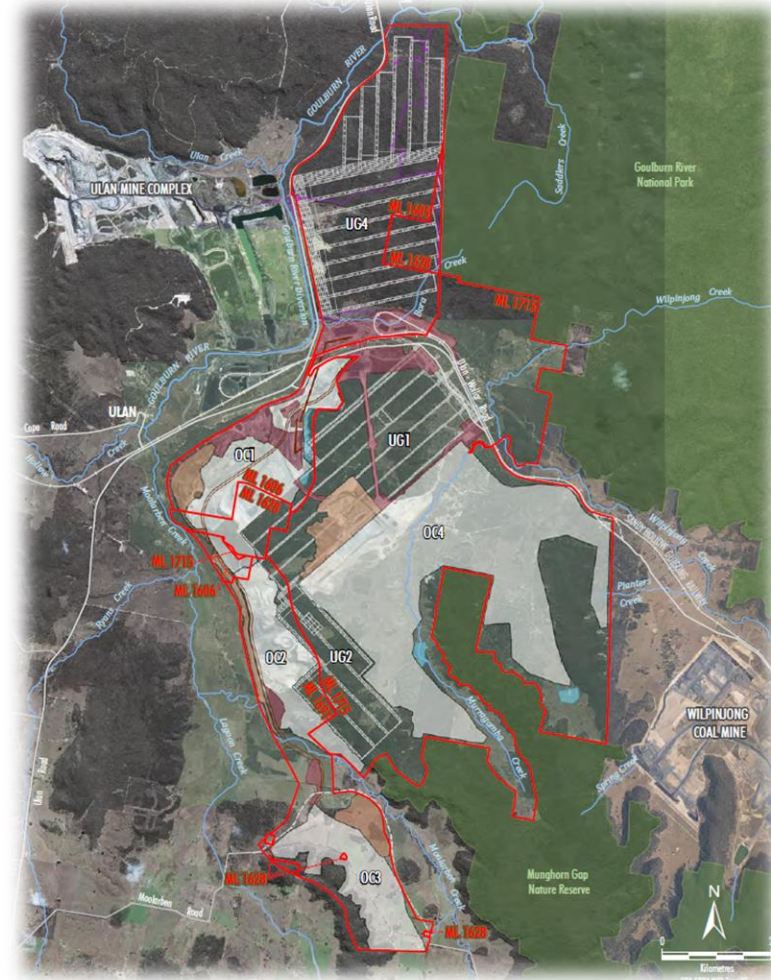
Other Support

- Christmas Visits to Pioneer House and Kanandah
- NSW Ambulance
- Clontarf Academy



Operational Update

- Open cut operations in OC2 & OC4.
- Landform shaping and topsoiling in OC2 and OC4
- Longwall 102 Continues.
- UG development continues.



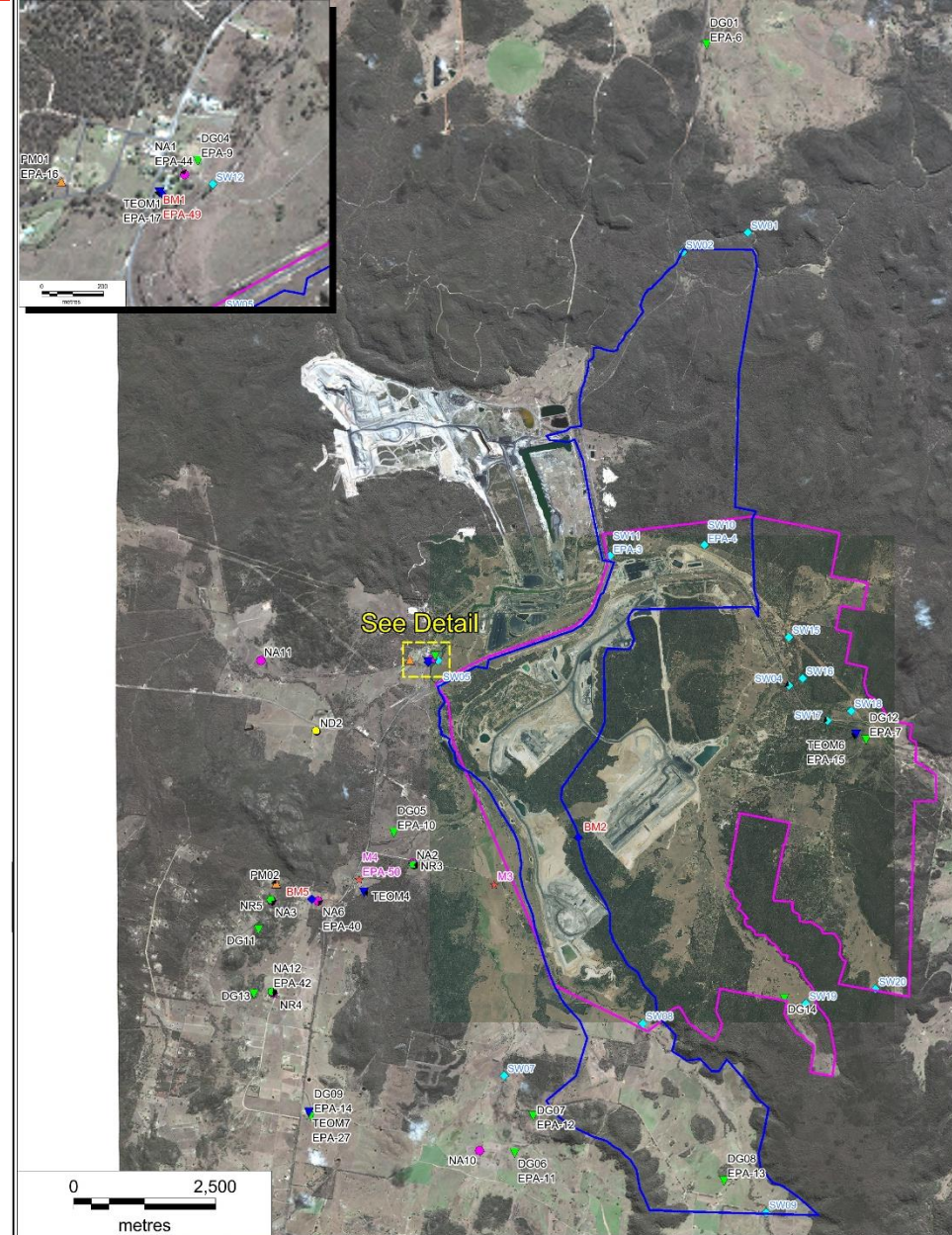
Exploration Update

- Resource delineation continued in OC4 and UG2
- Rehabilitation and monitoring activities have continued during the period.

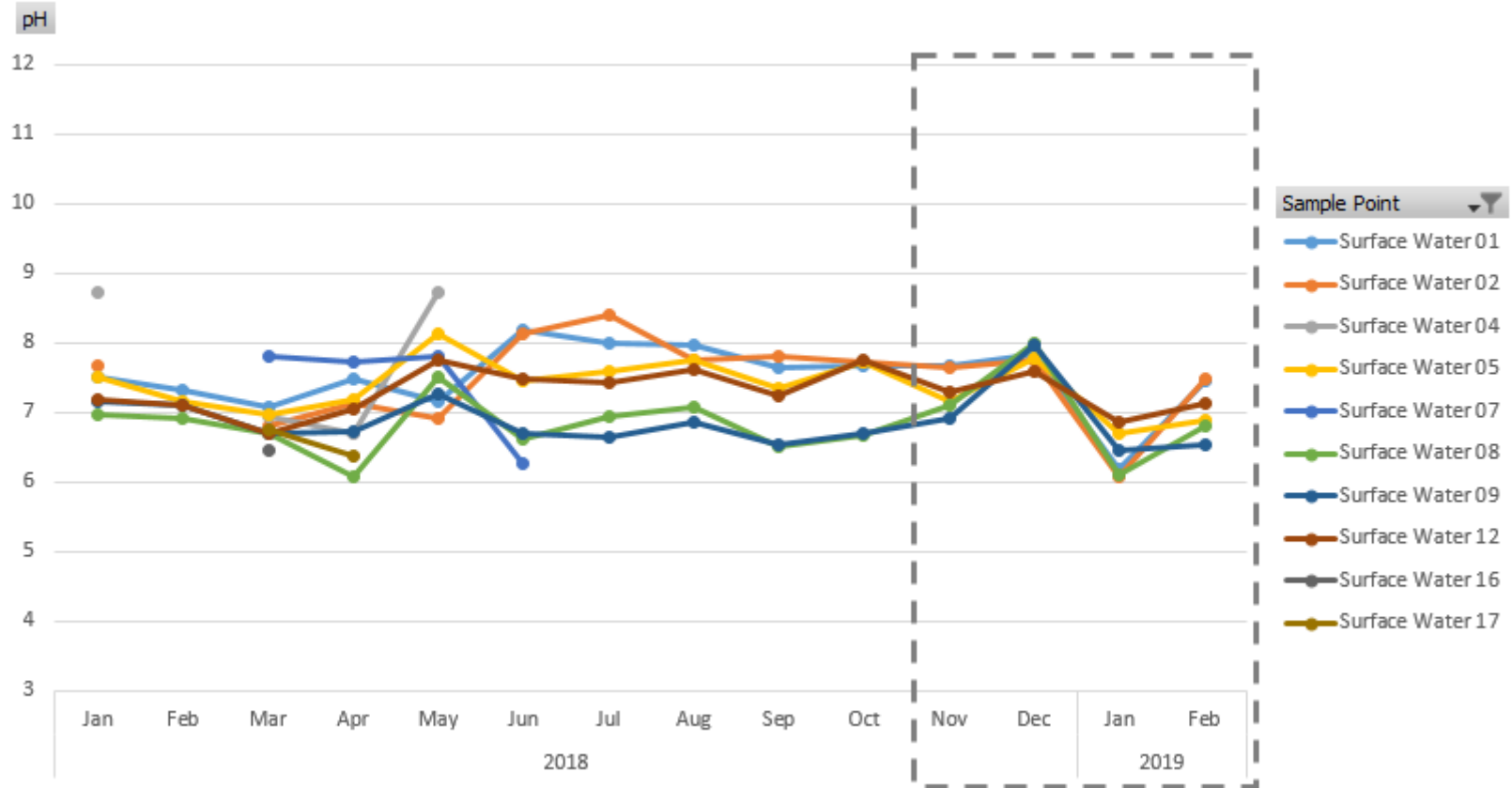


Environmental Monitoring

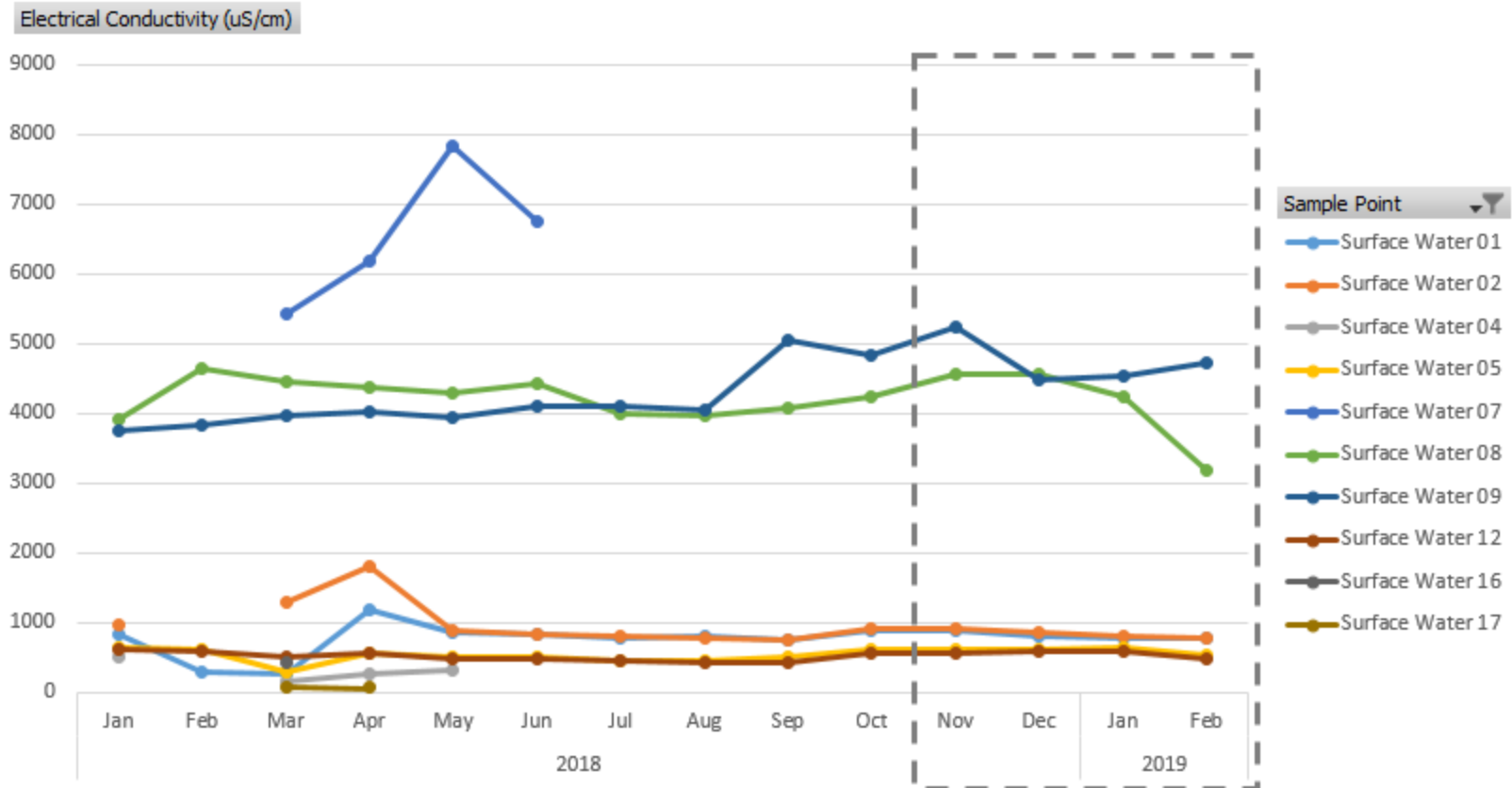
- Monitoring network
 - Water;
 - Air Quality;
 - Blasting;
 - Noise;
 - Meteorology.



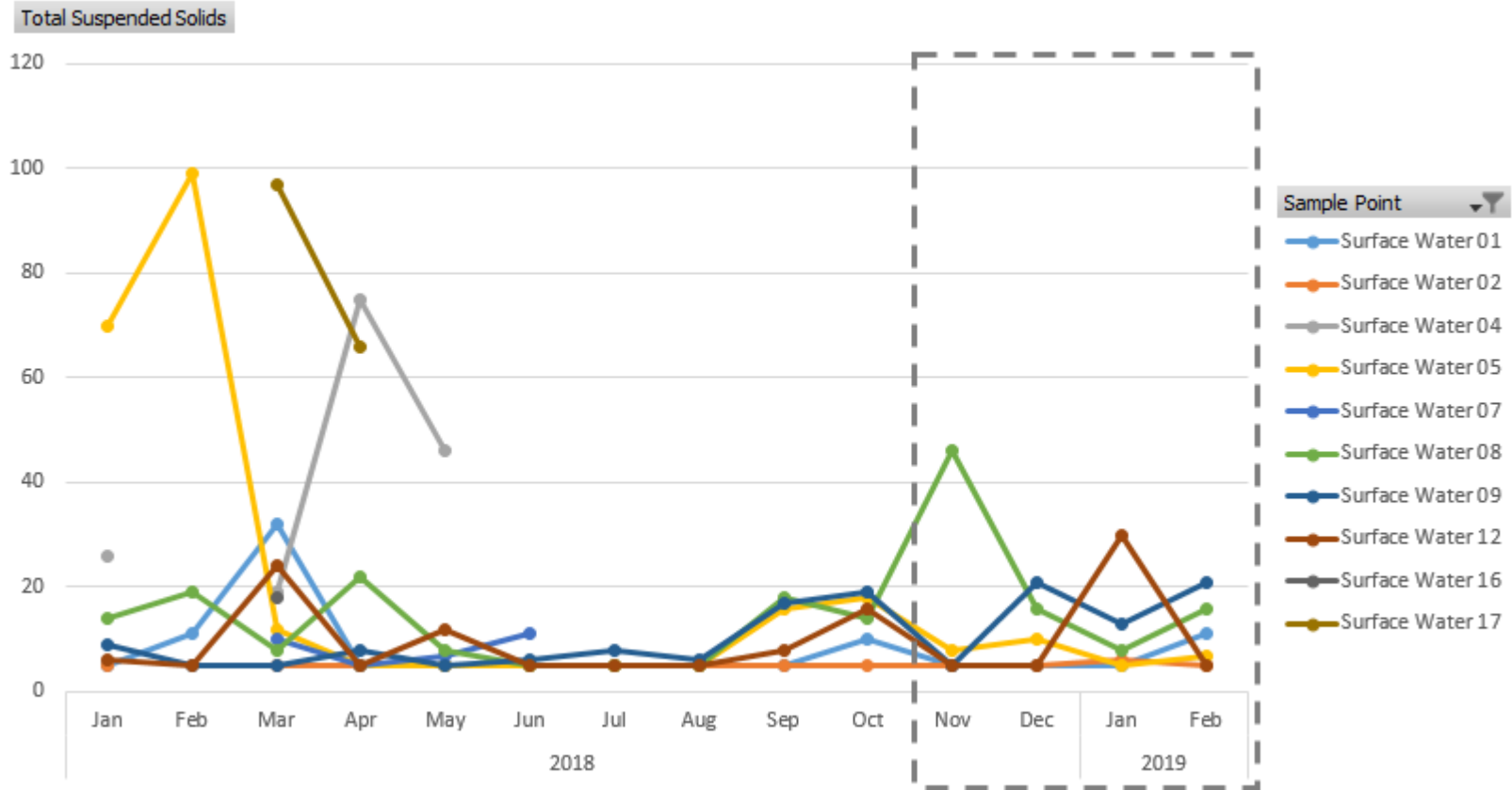
Water Quality - pH



Water Quality - EC



Water Quality - TSS



Air Quality

Site	February 2018 PM10 Annual Average ($\mu\text{g}/\text{m}^3$)	February 2019 PM10 Annual Average ($\mu\text{g}/\text{m}^3$)	Air Quality PM10 Annual Average Criteria ($\mu\text{g}/\text{m}^3$)
Ulan School	12.9	15.6	30.0
Ulan Road	-*	16.8	30.0
Ulan-Wollar Rd	13.1	15.7	30.0

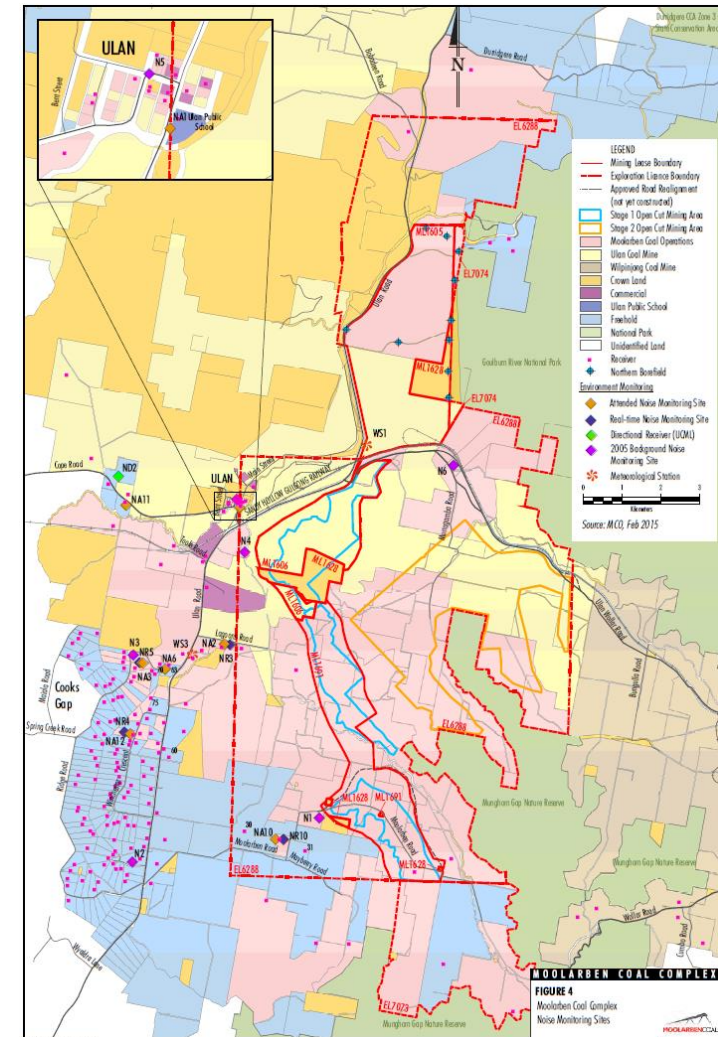
*Insufficient data available to calculate previous rolling annual average. Unit installed August 2017

Monthly monitoring reports are available on our website:

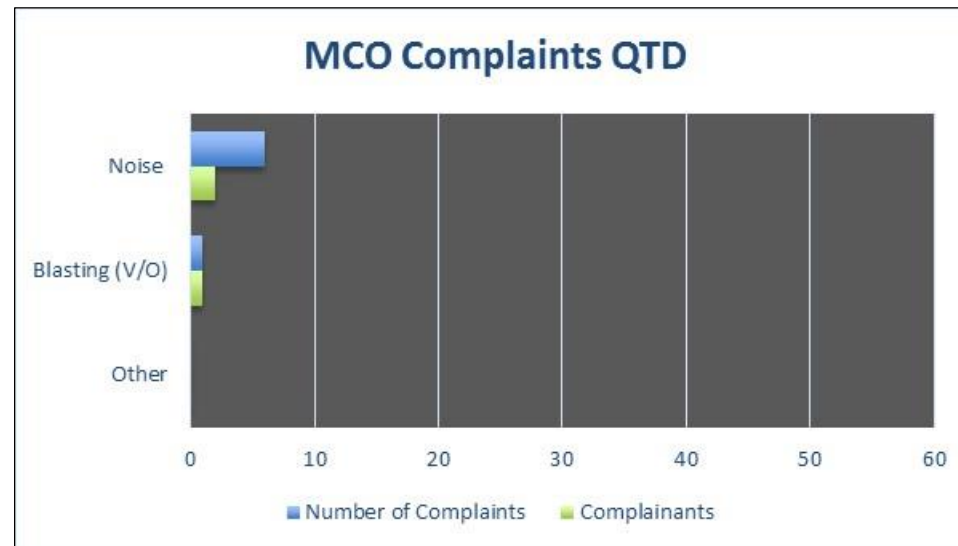
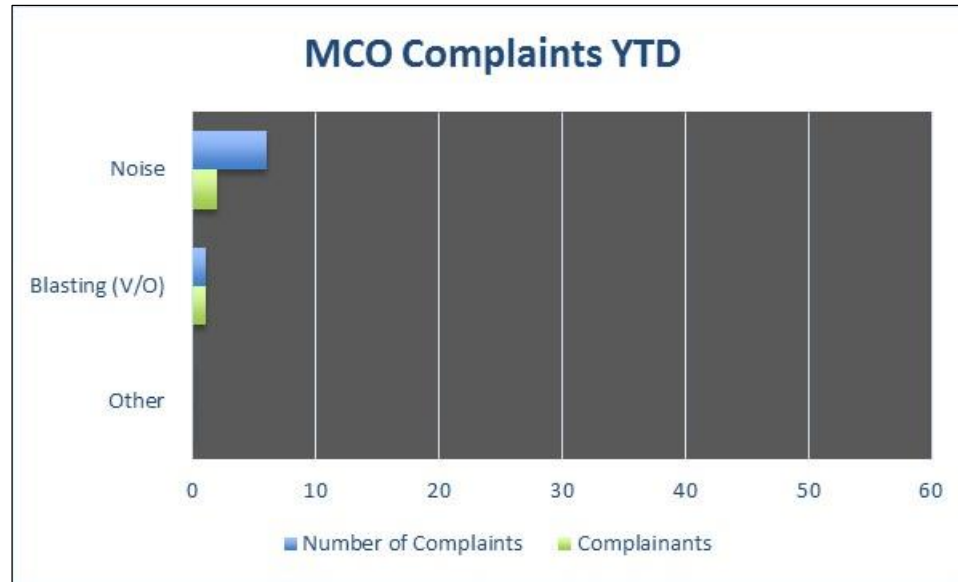
www.moolarbencoal.com.au/environment-and-community/monitoring-results/

Noise Monitoring

- All monthly & quarterly attended noise monitoring within criteria.
- Continued implementation of:
 - Planning controls - scheduling
 - Engineering controls - attenuation
 - Operational controls - bunds/screens
 - Real-time monitoring triggers
 - Real-time response protocols



Community Complaints



Rehabilitation Update

- Rehabilitation maintenance works are continuing.
- Landform shaping and topsoiling in OC2 and OC4.



Biodiversity Offset Management

- Targeted weed control programs continued across BOA's.
- Approximately 18kms of new fencing was installed & 10km of redundant fencing removed in 2018.
- 24km of trail maintenance.
- Additional plantings on the Redhill's Offset



2018 Independent Environmental Audit

■ Findings

“The site was found to be in good condition.”

“In general, operational environmental management activities observed during the site inspection were being carried out in a competent manner, with non-compliances identified being exceptions”.

• Non-compliances

- Overpressure exceedance.
- CHPP Stockpile.
- Non-continuous environmental monitoring (power and communications).
- Regent Honey Eater Credits calculations issued Feb 2016. No response from OEH.
- Bore notifications not issued within 2 months timeframe.
- Waste reporting included in 2017 Annual Review but not 2016 Annual Review.
- Offset covenants not finalised. Covenants being reviewed by DPE since September.
- Stage 2 Biodiversity Offset Management Plan not approved.

• Observations

- Groundwater model comparison included in 2017 Annual Review but not 2016 Annual Review.
- Revised Biodiversity Management Plan to be finalised following of Covenants.

Employment Update

Traineeships

- Currently 16 OC, 21 UG and 2 Complex

Apprentices

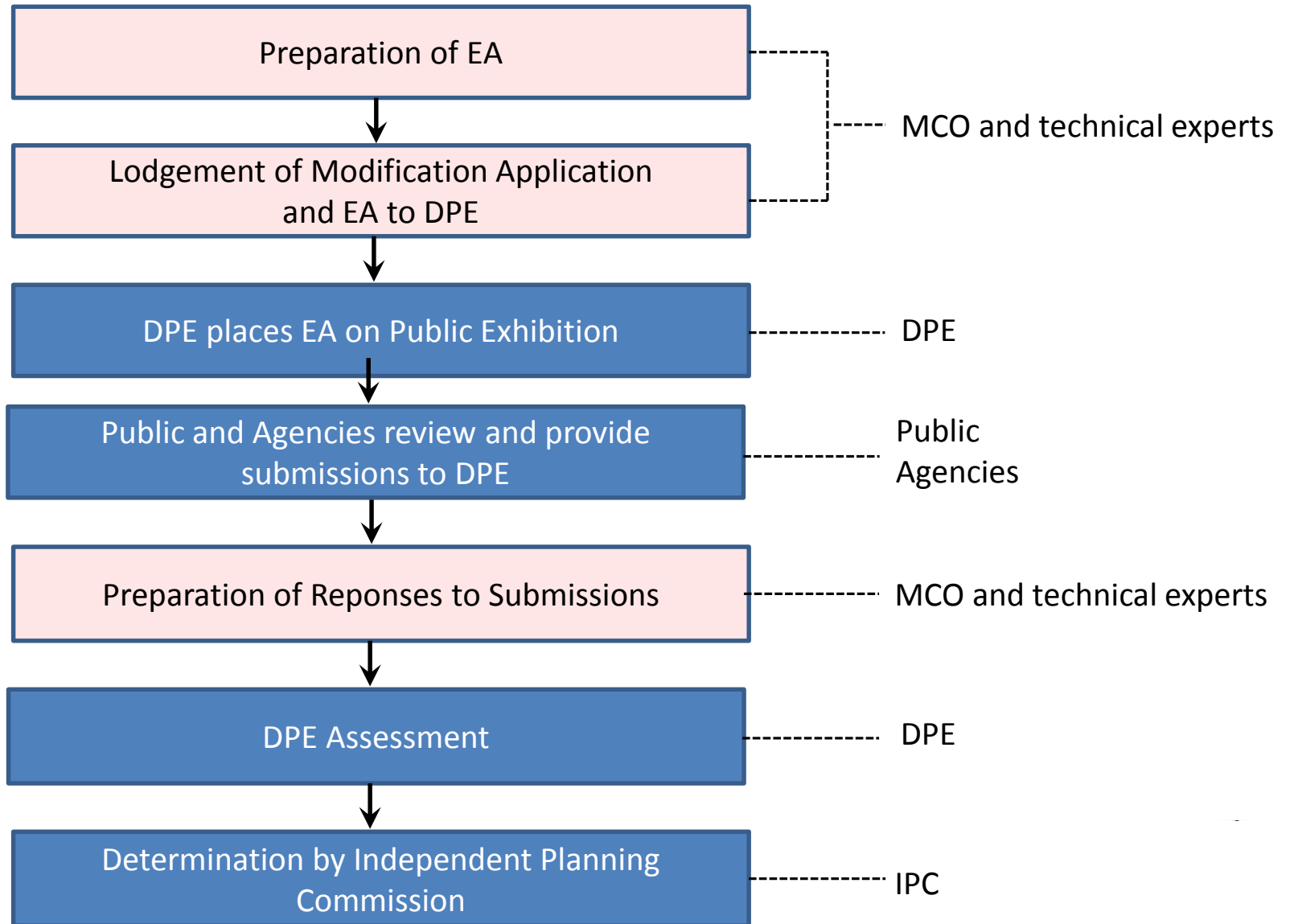
- Currently 5 Underground & 18 Open Cut
- 2 Apprentices to permanent and 1 cadetship

General

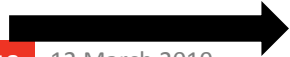
- Skills4Trade and school mine tours still to be organised for this year



Open Cut Optimisation Modification Update



Current Status



Thank you

March 2019

