

MOOLARBEN COAL OPERATIONS - COMMUNITY CONSULTATIVE COMMITTEE
MEETING No. 36

Date: Tuesday 22 March 2016
Time: 4:00pm
Location: Moolarben Coal Open Cut Administration Meeting Room 2, Ulan
Attendance: Independent Chairperson
John Turner (JT)

Community Members

Andrew Palmer (AP)
Annette Riley (AR) (Ulan Public School)
David Stokes (DS)
Julia Imrie (JI)

Moolarben Coal Operations

Graham Chase (GC)
Trent Cini (TC)
Michelle Cavanagh (MC)
Scott Fittler (SF)
Wayne Pym (WP)

Apologies

Steve Archinal (SA)
David Gibson (DG)
Bev Smiles (BS) (Mudgee District Environment Group)
Aleshia Lonsdale (AL) (Mudgee Local Aboriginal Council)
Max Walker (MW) (Mid-Western Regional Council)

1. Apologies:

Steve Archinal, David Gibson, Aleshia Lonsdale, Bev Smiles, Max Walker.

2. Declarations of Pecuniary or Other Interests

John Turner (JT) confirmed he receives a fee from Moolarben Coal Operations (MCO) for chairing the Community Consultative Committee (CCC) meeting.

3. Correspondence

A hardcopy of Meeting 36 Presentation was provided to all members of the CCC.

A hardcopy of Meeting 35 Minutes provided to all members of the CCC.

4. Confirmation of Previous Meeting Minutes

The minutes were confirmed by JI and seconded by AP.

5. Business Arising from Previous Minutes

Responses provided to action items from meeting 35.

Action 1 - MCO to follow up with EPA and an update to be provided to the CCC.

GC contacted the EPA to discuss the report. The EPA advised that the report was provided to the landholder only, and not distributed to the company. MCO has provided data as per EPA's request.

Action 2 – MCO to follow up specific complaints with the resident.

MCO follow-up complaints directly with complainants.

6. CCC Update (May 2015) Presentation

SF provided an update on community interaction, visitors to site, donations and recent MCO achievements.

TC provided an update on operations and exploration, water quality results and rehabilitation.

MC provided an update on air quality and noise monitoring results and community complaints.

GC provided an update on the Independent Environmental Audit, an update of the Stage 2 Open Cut 4 and Underground 1 Projects, and a summary of Underground 1 Optimisation Modification to the Project Approvals (05_0117 and 08_0135).

Action – MCO to provide a copy of Independent Environmental Audit to CCC members on USB.

7. General Business

With regards to the complaints handling process, AR questioned turnaround from time of lodging complaint to receiving feedback from the Moolarben Environment Department. SF advised contact with any complainant is within 24 hours, or the following day.

AR questioned whether any information regarding noise is publically available to improve transparency with complainants. GC advised all monthly attended noise monitoring results are available on the Moolarben Coal website.

With reference to the Groundwater Management Plan (GWMP), JI noted concerns, for example Electrical Conductivity trigger levels for bore 103C based on anomalous data and not consistent with recent monitoring results and a repeated error in the reported standing water level RLs for her domestic bore. GC advised that the GWMP will be revised in the coming months including a review of trigger levels and potentially anomalous data.

Action – MCO to report back on Groundwater Management Plan Revision. JI questioned whether soft rollers would be utilised for the Conveyor from OC4 to the CHPP.

Action – GC to follow up and provide response at next meeting

DS observed that water levels at a bore on his property had reduced. DS noted observations of mining noise from Moolarben and other operations and from trains.

Next Meeting: 14 June 2016 - 4pm.

Meeting Closed at 5:03pm

Community Consultative Committee Update

March 2016



Community Support Program – Donations



Need funding?

Moolarben Coal, supporting community initiatives.

Moolarben Coal is a proud member of the local community.

Through our Community Support Program we can help fund your community project, event or activity.

**Call for applications:
Applications close
Friday 15 April 2016.
Visit moolarbencoal.com.au for an application and more information.**

Since 2010, Moolarben Coal has distributed more than \$900,000 in community grants and sponsorships in the Mudgee region.

  moolarbencoal.com.au

Donation – Sculptures in the garden



Moolarben Coal Celebrity Golf Classic



Moolarben Spirit Awards 2015

- Finalist presentation 4th April 2016



Complaints management process

All complaints are dealt with in the following manner:

- Call received via complaints hotline available 24/7
- MCO immediately notified by email and text
- MPEA attend location
- MPEA record observations
- MPEA communicate with the OCE
- OCE reviews current operations
- Environment Dept. investigate each complaint
- Call complainant and discuss
- Call communicated to key personnel

Operational Update

- Mining operations in OC1 Mod 9 area and OC2.
- Overburden placement in OC1, OC2 and OC4.
- OC4 box cut in progress.
- UG1 to commence next week.
- Rail-loop works in progress.



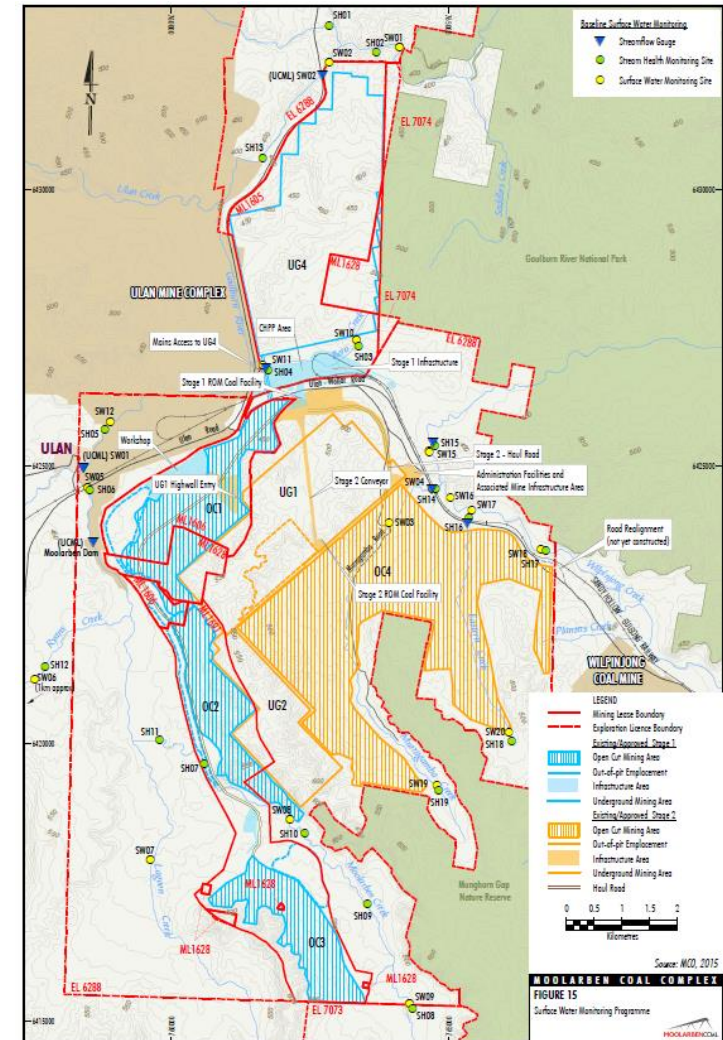
Exploration Update

- Drilling programs are currently under review for 2016
- Exploration rehabilitation and monitoring activities have continued during the period



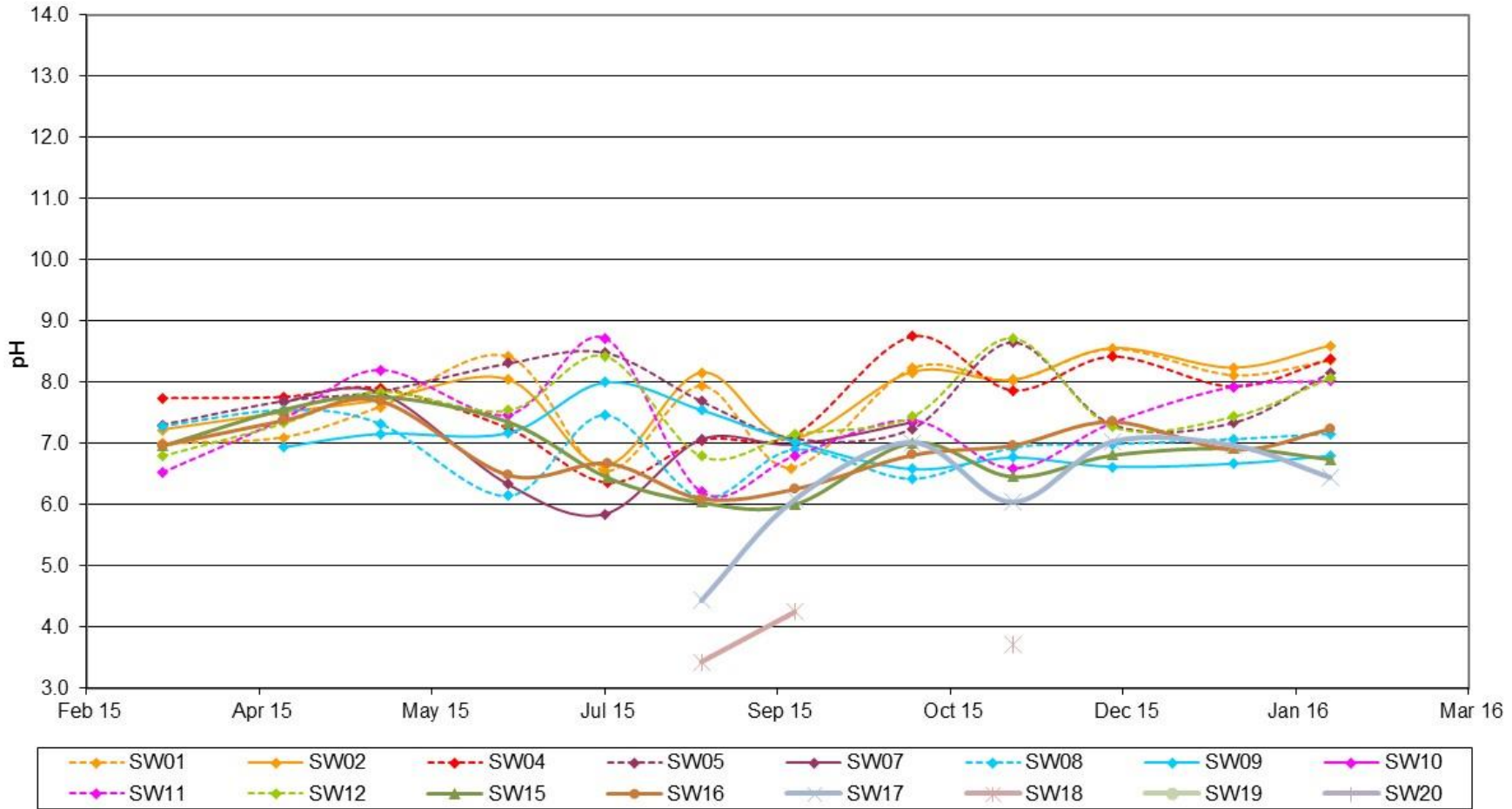
Environmental Monitoring

- Monitoring network
- Water;
- Air quality;
- Blasting;
- Noise;
- Meteorology



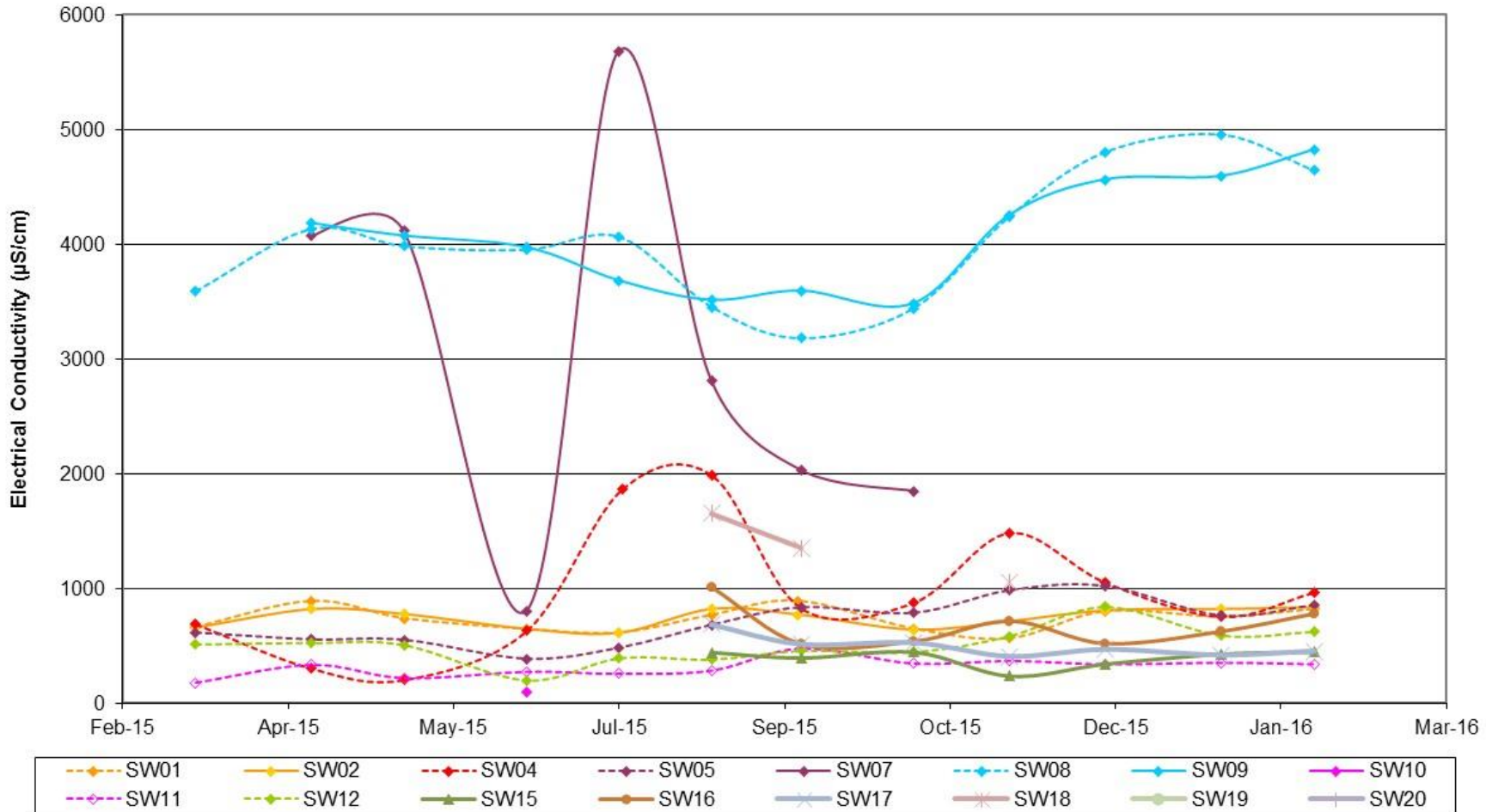
Water Quality

Moolarben Surface Water pH
March 2015 to February 2016



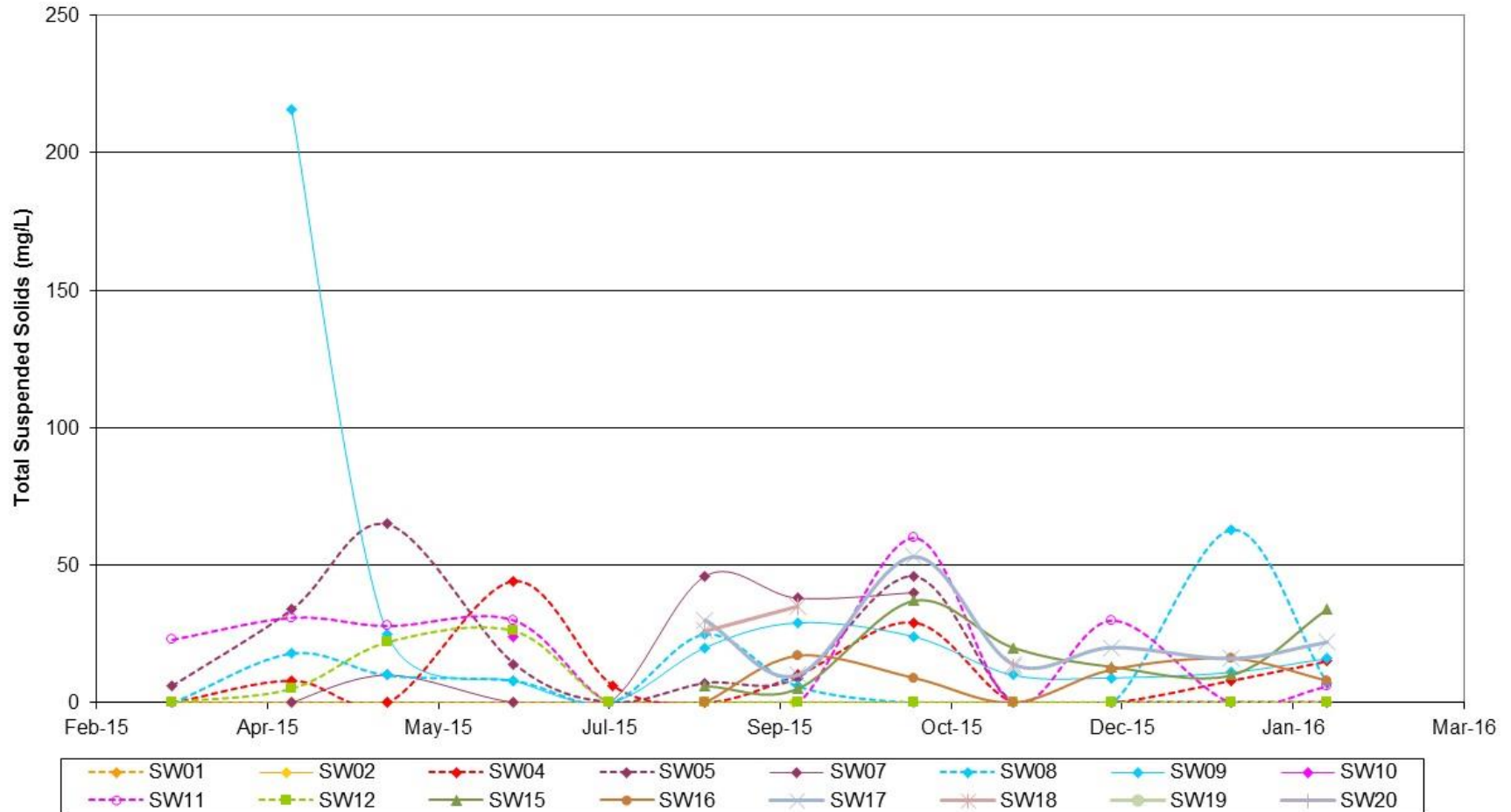
Water Quality

Moolarben Surface Water Electrical Conductivity
March 2015 to February 2016



Water Quality

Moolarben Surface Water Total Suspended Solids
March 2015 to February 2016



Air Quality

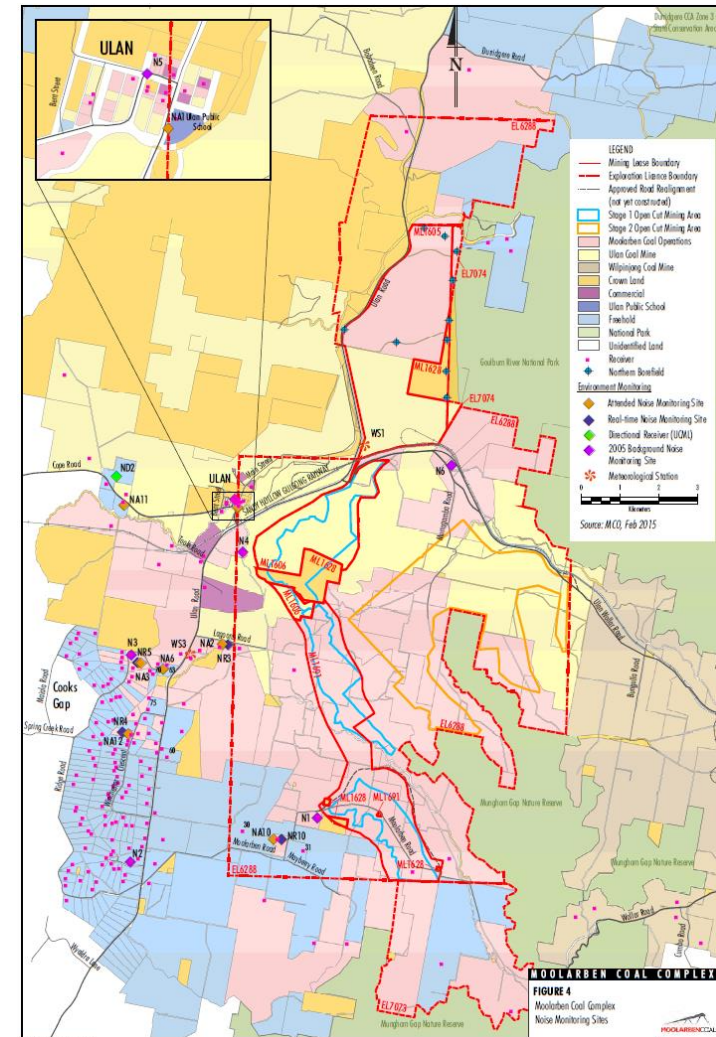
Site	February 2015 PM10 Annual Average	February 2016 PM10 Annual Average	Air Quality Criteria PM10 Annual Average
Ulan School	10.3	14.5	30.0
Ridge Road	9.6	8.7	30.0
Ulan-Wollar Rd (Relocated Aug 2015)	13.0 (Murragamba)	11.4	30.0

Monthly monitoring reports are available on our website:

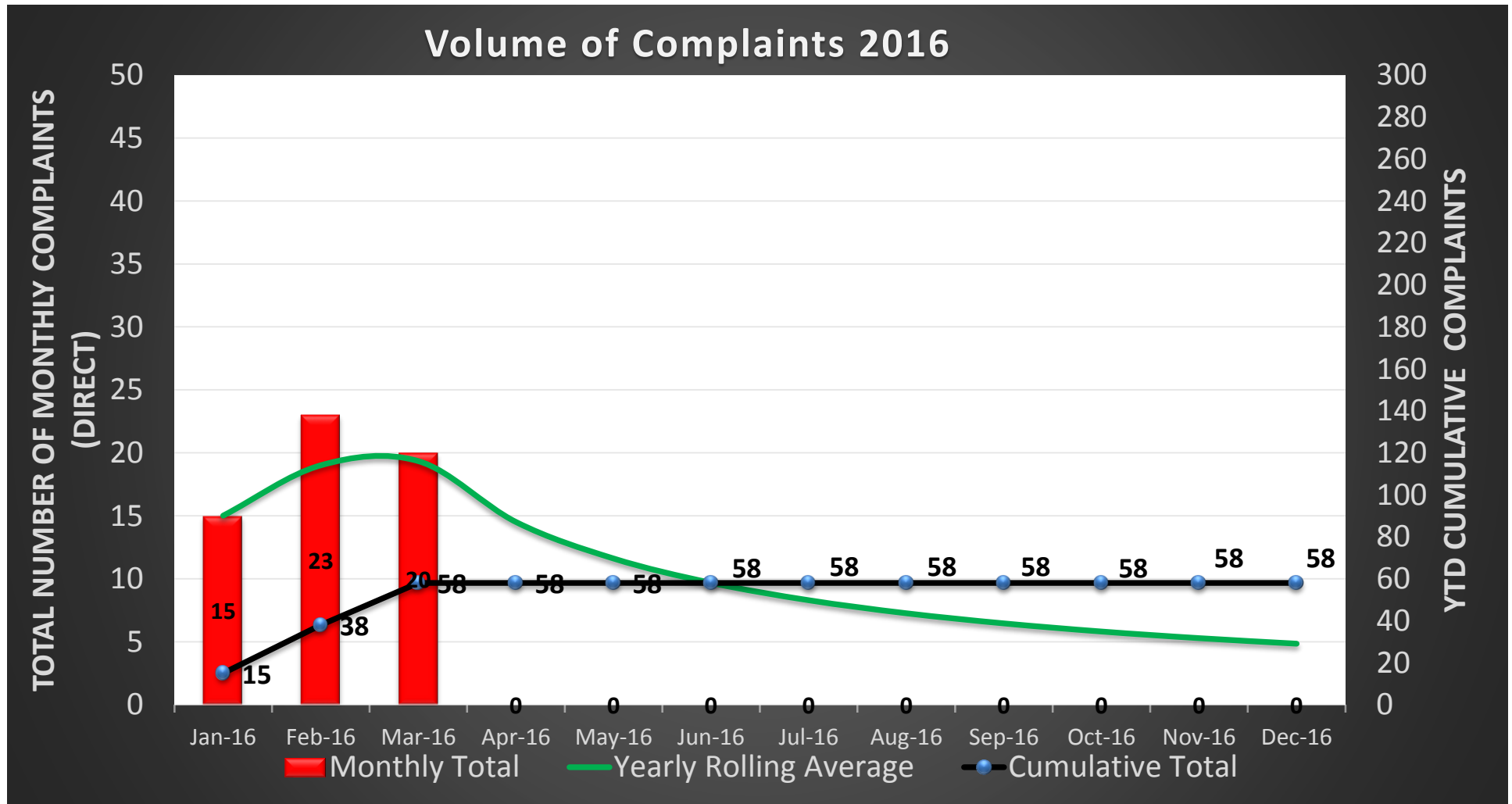
www.moolarbencoal.com.au/environment-and-community/monitoring-results/

Noise Monitoring

- On-going monthly attended noise monitoring - All within criteria.
- DP&E Independent Noise Review – Concluded sustained compliance
- 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

- Approximately 18 ha to commence shaping in OC2 during April.
- Further areas in OC1 Mod 9 to be shaped.
- Eastern Bent-wing bat found for third year in a row.



Independent Environmental Audit

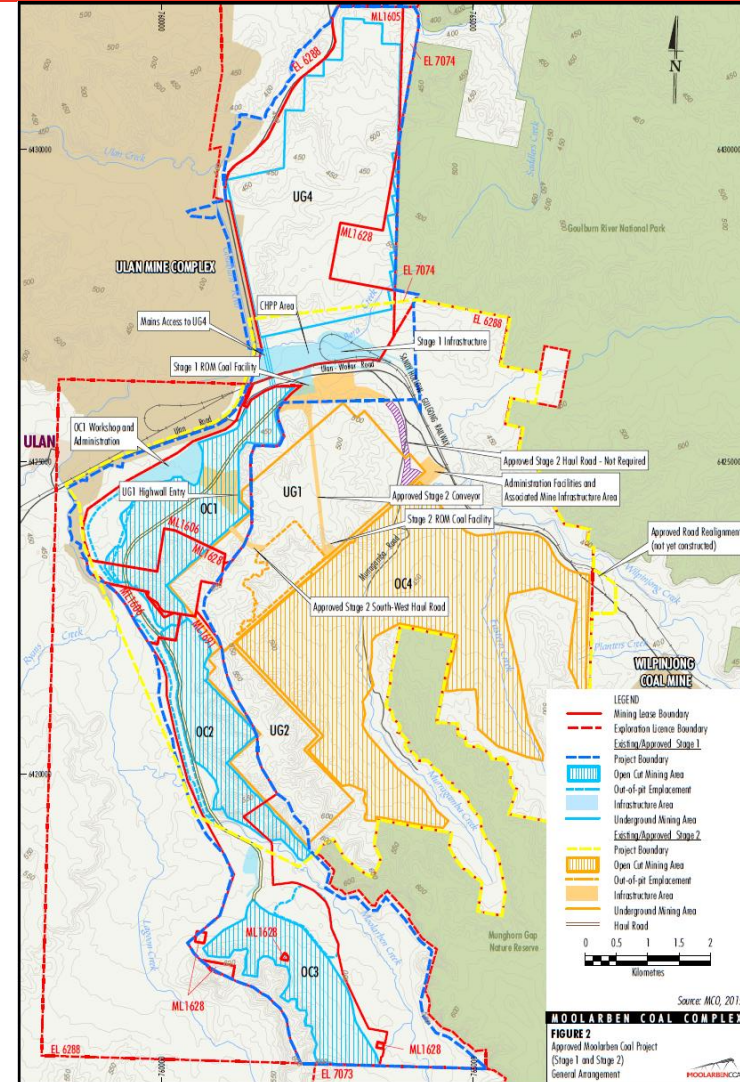
- Audit Period January 2013 to December 2015
- Report completed March 2016
- Department of Planning and Environment approved audit team:
 - Trevor Brown – Principal Auditor
 - Shane Lakmaker – Air Quality
 - Fiona Robinson – Surface and Groundwater
 - Michael Frankcombe – Rehabilitation
 - John Wasserman – Noise
 - Doug Williams – Heritage

Independent Environmental Audit - Results

- Non-compliances
 - Nil
- Recommendations
 - Annual Reviews to be prepared considering DPE guidelines.
 - Ensure explosive product quality is checked and documented prior to each blast.
 - Energy Savings Action Plan to be reviewed and revised.
 - Biodiversity Offsets to be progressed as per advice to DP&E.
- Improvement Opportunities
 - Progressively review and revised rehabilitation performance indicators and criteria.
 - Review spoil and subsoil testing to better identify reactive soils and guide amelioration.
 - Detailed creek diversion design to remove channel banks from rehab to re-establish sheet flow.
 - Refine rehabilitation and biodiversity management and mitigation measures to improve targeting of works to be implemented on site.

Stage 2 Update

- **Materials Handling System**
 - Conveyor and belt installed (2.6km)
 - RE wall and dump hopper
 - Commissioning April to June.
- **Earth Works**
 - Dam 401 complete (550ML storage)
 - Light vehicle road sealed
 - Progressive rehabilitation of construction areas.



Stage 2 Update 2

■ CHPP and MIA Areas

- Belt Press Filter and stores building expansion.
- Bath house extension installed.
- OC1 Office expansion complete.
- Workshop stores in progress.

■ Other

- New equipment arriving on site (930Es, loader water carts, Dozers).
- Electrical works to be completed
- Excavator converting to shovel configuration



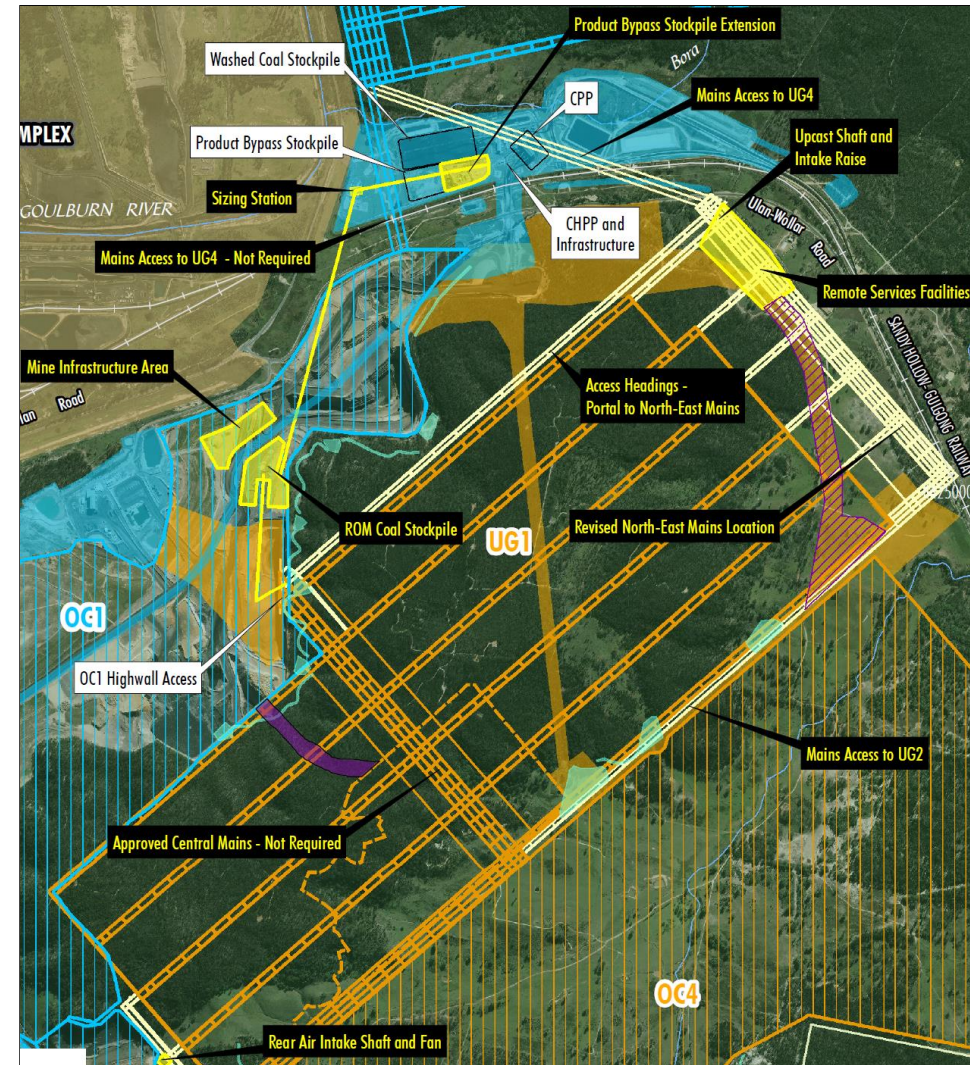
Underground Project Update

- Highwall stabilisation and portal entries complete
- Services in progress (power, water & communications)
- Civil earthworks on-going
- First Crews on-boarded.
- Progressive ramp up of personnel in progress.
- Equipment mobilisation commenced 7 March.
- First workings scheduled to commence in the next 2 weeks.



UG1 Optimisation Modification - Update

- Modification referred to the Planning and Assessment Commission (PAC) for determination.
- Department of Planning and Environment assessment recommends approval with changes to existing conditions of approval.
- PAC public meeting held at Mudgee Town Hall on 17 March.
- PAC to provide final determination.





Community
Consultative
Committee Update

THANK YOU

March 2016