MOOLARBEN COAL OPERATIONS - COMMUNITY CONSULTATIVE COMMITTEE
MEETING No. 34

Date: Tuesday 4 August 2015
Time: Commenced 4:05pm
Location: Moolarben Coal Complex Training Room, Ulan
Attendance: Independent Chairperson
John Turner (JT)

Community Members
Alesha Lonsdale (AL) (Mudgee Local Aboriginal Council)
Bev Smiles (BS) (Mudgee District Environment Group)
David Stokes (DS)
Annette Riley (AR)
Max Walker (MW) (Mid-Western Regional Council)
Andrew Palmer (AP)

Moolarben Coal Operations
Steve Archinal (SA)
Graham Chase (GC)
Trent Cini (TC)
Scott Fittler (SF)
Michelle Cavanagh (MC)

Apologies
Julia Imrie (JI)
Frank Fulham (FF)
Klay Marchant (KM)
1. **Apologies:**
Julia Imrie, Frank Fulham and Klay Marchant.

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 CD with Stage 1 and Stage 2 Approvals documentation, Environmental Protection Licence 12932 and approved Management Plans was distributed to members of the CCC.

A hardcopy of Meeting 34 Presentation was provided to all members of the CCC.

A hardcopy of Meeting 33 Minutes provided to all member of the CCC.

4. **Confirmation of Previous Meeting Minutes**
The minutes were confirmed by DS and seconded by AR.

5. **Business Arising from Previous Minutes**
Responses provided to action items from meeting 33.

**Action 1** - MCO to confirm what format documents will be supplied to the CCC (i.e. USB, CD or hardcopy).

Approval documents, EPL and Management Plans provided on CD.

**Action 2** - MCO to provide a response on the method used to develop the trigger for ground water monitoring.

Ground water triggers have been developed by a suitably qualified and experienced person approved by the NSW Department of Planning & Environment, in consultation with government agencies (including DPI Water). Triggers are based on historical water quality and level, attributed beneficial use and the aquifer interference policy. Revised triggers are documented in the approved Water Management Plan.

**Action 3** – MCO to confirm whether surface and groundwater monitoring data can be supplied in tabular format.

AEMR water data be provided.

**Action 4** – MCO to provide a hard copy of the RMP to BS and a response on the extension to the review timeframe.

A hard copy of the RMP was provided and an extension of time granted.

**Action 5** – MCO to provide clarification on what review process was undertaken for the RMP.

The Project Rehabilitation Management Plan has been prepared by a suitably qualified and experienced team. Yancoal then engaged Dr. Freudenberger to conduct a desktop technical expert review. Dr. Freudenberger has been involved in many projects (and visited) throughout NSW and Australia. Dr. Freudenberger’s input is considered as a positive initiative to improve the underlying technical robustness of the rehabilitation planning.

**Action 6** – MCO to provide responses to questions raised.

Responses provided to JI.

**Action 7** – MCO indicated that a tour of the mine is scheduled just prior to the next CCC meeting, on Tuesday 4 August, at 15:00 with the standard meeting to follow at 16:00.

Site Tour to be undertaken with next CCC meeting (10 November 2015) at 2:30pm.
**Action 8** – MCO to provide updates on any progress with The Drip Deed.

The area of the Drip has been gazetted as NPWS land. Discussions in respect of the potential acquisition of Lot 80 by MCO are ongoing.

**Action 9** - MCO to outline change of responsibility for funding of maintenance and improvement of the Drip to the NSW Government in accordance with the recent transfer of ownership.

Following the transfer to the National Parks Estate the NSW government assumes responsibility for the maintenance of the transferred land.

1. **CCC Update (May 2015) Presentation**

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

**Action** – MCO to add all CCC members to quarterly newsletter mailing list.

TC provided an update on community complaints, operations and exploration, water and air quality and noise monitoring results and rehabilitation.

BS questioned whether a graph of machinery down-time hours due to noise management could be provided to the CCC.

**Action** – JT to investigate requirements for MCO to provide noise-related machinery down-time information.

GC provided an update on Ulan-Wollar Road, stage 2 development, and a summary on the modifications to the Project Approval (05_0117 and 08_0135).

**General Business**

Nil.

**Next Meeting:** Tuesday 10th November 2015 at 2:30pm (mine tour) 4:00pm (regular meeting) followed by dinner in Mudgee.

*Meeting Closed at 4:44pm*
Community Newsletter

THE GENERAL MANAGER

Paul Hunt advises that the rains were instrumental in maintaining the grassy areas outside the main cloth areas. Paul Hunt also thanks all those who contributed to the club’s Dry November campaign, which was a resounding success.

Community Consultative Committee

The Community Consultative Committee met on the 16th December 2016 to discuss representation of the Moolarben Community and other relevant matters. The Committee is looking forward to the upcoming year to continue to engage with community and other relevant stakeholders.

Moolarben News

JUNE 2015

New face at Moolarben

McIvor Coal's general manager, Jim Wilson, welcomes the latest addition to the Moolarben South management team. The new face is being introduced to the community team in January this year. They will be responsible for ensuring that the community remains informed and updated on all developments.

Blasting details

McIvor Coal has commenced the blasting works on the Moolarben South project. The works will continue until 2017, and community members are being kept informed of all developments.

Environmental Update

Moolarben Coal activities will continue to be subject to regular Environmental impact assessments. The Environmental Impact Assessment (EIA) for the Moolarben South project has been finalised, and the EIA will be submitted to the relevant authorities for approval.

Spreading the Moolarben Spirit

The Moolarben Community has been3 active in spreading the Moolarben spirit through various initiatives. The Community Consultative Committee has been instrumental in ensuring that the community remains informed and engaged.

Hole in one for charity golf day

This year’s Moolarben Coal Charity Golf Day was a resounding success, with a full field of participants and live music. The event raised funds for local charities, and the Moolarben Coal team was pleased to support this worthwhile cause.

Environmental and community ranger

James Robinson is the new community and environmental ranger for Moolarben Coal. James is responsible for ensuring that the community remains informed of all developments and for promoting environmental sustainability.

Playtime at Ulan School

Ulan School held its annual playtime event on the 19th December 2016. The event was attended by teachers, parents, and students, who enjoyed various games and activities. The event was a great success, and the school looks forward to hosting similar events in the future.

30 May 2017
Our visitors - schools

- Gulgong High School
- Dunedoo Central School
- Mudgee High School
Our visitors – Chinese delegates
Moolarben Coal/Skillset Apprenticeship night
Community Support Program 2015

Round 2 $29166

- Central West Alpacas
- Cooyal Tennis Club
- Gulgong RFS
- Gulgong High School
- Lue Hall
- Mid-Western Horses
- Mudgee Cycle Club
- Lions Club
- MPAV
- Mudgee Police Rugby
- Mudgee Rescue Squad
- Mudgee Equitation
- Pioneer House Aged Care
- Rotary Mudgee
Other Donations

Mudgee Community Party

Join us in Celebrating

40 Years

3 Course Full Service Dinner
Drinks on arrival
Entertainment by Dan and Dan

Saturday 12th September 2015
Parklands Resort, Ulan Rd Mudgee
Doors open 6:00pm Dinner starts 8:30pm

Tickets on sale Wednesday 11 August $100 each
Available from www.mudgeeraborder.com.au
Which on-visit tickets to purchase and support a great cause!

CELEBRATING 50 YEARS OF CARING
1965 - 2015
PIONEER HOUSE
Community Donations 2015

- CSP donations: $66916.00
- Other donations: $13000.00
- Total donations: $79916.00
Got a community project that needs funding?

- Round 3
- Close date Friday 2\textsuperscript{nd} October

Moolarben Marquee
Community Complaints

Volume of Complaints 2015

- **TOTAL NUMBER OF MONTHLY COMPLAINTS (DIRECT)**
- **YTD CUMULATIVE COMPLAINTS**

- **MONTHLY TOTAL**
- **YEARLY ROLLING AVERAGE**
- **CUMULATIVE TOTAL**

- **Numbers for each month from Jan-14 to Dec-14:**
  - Jan-14: 15
  - Feb-14: 26
  - Mar-14: 41
  - Apr-14: 21
  - May-14: 19
  - Jun-14: 14
  - Jul-14: 32
  - Aug-14: 81
  - Sep-14: 95
  - Oct-14: 140
  - Nov-14: 172
  - Dec-14: 172

- **Cumulative Total**: 172

30 May 2017
Operational Update

- Mining operations continued in OC1 and OC2.
- OC1 Pit North coaling completed.
- In pit dumping continued in OC1 and OC2.
- Final Shaping and topsoiling is underway in OC2 Strip 1.
Exploration Update

- Drilling programs and rehabilitation activities in EL6288 and EL7073 have continued during the period.
- Drilling has commenced in UG1 and UG4.
- Drilling programs are currently being reviewed prior to approval for works in the north of UG4.
Moolarben Surface Water pH
January 2015 to December 2015

- SW01
- SW02
- SW04
- SW05
- SW07
- SW08
- SW10
- SW11
- SW12
Water Quality

Moolarben Surface Water Electrical Conductivity
January 2015 to December 2015

Electrical Conductivity (µS/cm)


SW01 | SW02 | SW04 | SW05 | SW07 | SW08 | SW09 | SW10 | SW11 | SW12
## Air Quality

<table>
<thead>
<tr>
<th>Site</th>
<th>June 2014 PM10 Annual Average</th>
<th>June 2015 PM10 Annual Average</th>
<th>Air Quality Criteria PM10 Annual Average</th>
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</thead>
<tbody>
<tr>
<td>Ulan School</td>
<td>13.8</td>
<td>11.8</td>
<td>30.0</td>
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<tr>
<td>Ridge Road</td>
<td>12.7</td>
<td>9.1</td>
<td>30.0</td>
</tr>
<tr>
<td>Murragamba</td>
<td>12.5</td>
<td>11.3</td>
<td>30.0</td>
</tr>
</tbody>
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**Noise Monitoring**

- **On-going monthly attended noise monitoring** - All within criteria.

- **Continued implementation of:**
  - Planning controls - scheduling
  - Engineering controls - attenuation
  - Operational controls - bunds/screens
  - Real-time monitoring triggers
  - Real-time response protocols

- MPEAs monitors noise and reports to OCE
Rehabilitation Update

- CHPP diversion bund nearing completion
- OC2 Strip 1 - First rehabilitation area in OC2.
  - Agricultural land-use rehabilitation objective
  - Reshaping and topsoiling nearing completion.
  - Revegetation – Q4 2015
Rehabilitation Update
Ulan-Wollar Road - Update

- High-wall slip occurred in OC1 north resulting in the closure of Ulan-Wollar road.
- Overstressing of localised fissured clays and in-fill sands.
- Council constructed temporary detour at MCO’s cost.
- Backfilling of slip area undertaken as priority with scheduled completion October.
- Council will determine timing of original road opening.
- Agencies engaged throughout the duration.
Stage 2 Update

- Complex Wide Management Plans approved and available on the MCO website.
- Mining Lease being finalised.
- Aboriginal Cultural Heritage salvage has commenced with over 90 sites salvaged including the partial completion of rock shelter S2MC231.
- Initial heritage works completed.
Stage 2 Update

- Construction works commenced this month.
- Focus on materials handling and OC4 infrastructure area.
- Earthworks being completed under owners model
  - Moolarben personnel managing/supervising.
  - Utilise own people and equipment where possible.
  - Equipment hired as required.
Stage 2 Update

- Posco on-site – Materials handling contractors
  - ROM Bin, Overland Conveyor & Surge Bin
- Contractors local or employing locally where possible.
- Inductions and toolbox talks reinforcing community expectations.
- UG1 surface works to commence in coming months.
Modifications to Project Approval - Summary

- **OC4 South-West Haul Road Modification**
  - Exhibition completed.
  - Response to submissions provided.
  - Assessment in progress.

- **UG1 Optimisation Modification**
  - Exhibited from 6 to 31 July 2015.
  - DPE currently collating submissions.
THANK YOU