MOOLARBEN COAL OPERATIONS - COMMUNITY CONSULTATIVE COMMITTEE
MEETING No. 35

Date: Tuesday 10 November 2015
Time: Site Visit 2.30pm
      Meeting commenced 4:20pm
Location: Site Visit followed by Moolarben Coal Complex Training Room, Ulan
Attendance: Independent Chairperson
           John Turner (JT)

Community Members
Bev Smiles (BS) (Mudgee District Environment Group)
David Stokes (DS)
Andrew Palmer (AP)
Julia Imrie (JI)

Moolarben Coal Operations
Graham Chase (GC)
Trent Cini (TC)
Klay Marchant (KM)
Michelle Cavanagh (MC)
Scott Fittler (SF)
Wayne Pym (WP)

Apologies
Steve Archinal (SA)
Frank Fulham (FF)
Aleshia Lonsdale (AL) (Mudgee Local Aboriginal Council)
Annette Riley (AR) (Ulan Public School)
Max Walker (MW) (Mid-Western Regional Council)
1. **Apologies:**
   Steve Archinal, Frank Fulham, Aleshia Lonsdale, Annette Riley, 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 the current MCO Newsletter was distributed to members of the CCC.
   A hardcopy of Meeting 35 Presentation was provided to all members of the CCC.
   A hardcopy of Meeting 34 Minutes provided to all members of the CCC.

4. **Confirmation of Previous Meeting Minutes**
   The minutes were confirmed by DS and seconded by BS. Meeting 34 minutes to be amended to reflect AR attendance.

5. **Business Arising from Previous Minutes**
   Responses provided to action items from meeting 34.
   
   **Action 1** - MCO to add all CCC members to quarterly newsletter mailing list.
   
   Quarterly newsletter circulated and provided in hardcopy.
   
   **Action 2** – JT to investigate requirements for MCO to provide noise-related machinery down-time information.
   
   Provision of machinery noise related down-time data is not mandatory. The Complaints Register, available on the Moolarben website, notes whether actions were taken in response to noise complaints.

**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 community complaints, operations and exploration, water and air quality and noise monitoring results and rehabilitation.

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**

DS passed on concerns raised by a resident located proximal to MCO in relation to noise levels identified in an independent noise investigation conducted with the Environmental Protection Authority (EPA). The resident also raised concerns regarding alleged actions of an MCO employee.

**Action** – MCO to follow up with EPA and an update to be provided to the CCC.

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

JI noted turbidity observed in Goulburn River following rain event in October, and concern about impact of turbidity on downstream ecology. JI had contacted mines and Council previously. GC noted no releases had occurred from Moolarben.
BS requested update on Drip Deed. GC noted section had been transferred to the National Parks Estate and that the exploration had been relinquished. In accordance with the Drip Deed the timeframe for Option 1 had finished and this left Option 2 or 3. NPWS conducting some design work on area. MCO had provided survey data to NPWS to assist.

**Next Meeting:** 15 March 2016 - 4pm.

*Meeting Closed at 5:18pm*
Community Consultative Committee Update

November 2015
Community Newsletter

Ulan Public School notice board
Looking for a Thursday morning activity? Ulan Public School is holding playgroup sessions every Thursday from 9:30am to 11:30am at the School Hall.

The purpose of the playgroup is to provide a place for children up to school age and includes a range of toys and activities. The playgroup is open to members of the local community. For more information contact the school on 6279 4823.

Environmental update
The arrival of spring means that rehabilitation works are well under way. Rehabilitation of the CH4 uptake works has taken place on the back end of the rehabilitation process, with a focus on the exit of the CH4 from the mine. Contact the Moolarben Community Liaison team on 6279 4823 for more information.

Blasting details
The blasting program at Moolarben is ongoing and is designed to facilitate the ongoing rehabilitation works. Further information on the blasting program can be found on the Moolarben Coal Website.

Riders’ wheels keep rotors running
Yancoal recently sponsored the annual Waverley Cycling Club charity ride to raise funds for the Waverley RSL Boys' Club. The Cycling Club is made up of various clubs from the Waverley area and the annual ride raises funds for the Waverley RSL Boys' Club.

Environmental and community excursions
Gunditj Mirrambyn Elders from the Gunditj Mirrambyn Community Ranges Network visited the Moolarben site, providing valuable insight into the local environmental and cultural significance of the area. The visit included a guided tour of the rehabilitation works, highlighting the importance of environmental sustainability in the coal industry.

The Greening of GIPPSland project
The Greening of GIPPSland project aims to enhance the biodiversity of the region and improve the quality of life for local communities. Moolarben Coal is proud to support this initiative by providing resources and expertise in the rehabilitation process.

Mudgee impresses our Chinese visitors
Moolarben Coal recently hosted a delegation of Chinese visitors as part of a round-table discussion on sustainability. The delegation was impressed with the Moolarben site, particularly the rehabilitation works and the commitment to environmental stewardship.

New recruits as Moolarben expands
With ongoing expansion, Moolarben is seeking to recruit new employees to support the growth of the operation. Interested applicants are encouraged to apply through the Moolarben Coal website.

Moolarben supports the community
Moolarben Coal is committed to supporting local communities and regularly engages with local organizations to provide funding and resources. For more information, please visit the Moolarben Coal website.
Our visitors -- Taizhong Energy Company
Moolarben Spirit Awards 2015
Community Support Program 2015

PRELIMINARY RECOMMENDATIONS R3

- Bungara Progress Association
- Cudgegong Cruisers
- Cudgegong Valley Mathematics
- Gulgong Aviculture
- Gulgong Eisteddfod
- Gulgong Polocross
- Gulgong Tennis
- Mudgee Hockey
- Mid-Western Dancing
- Mudgee Indoor Swimming
- Mudgee Mens Shed
- Mudgee Muddragons
- Mudgee Poultry & Pigeons
- Munmarra Fire Brigade
- Rylstone Show
- Black Sheep Breeders

Round 3
$32450.00
Other Donations

Support your community helicopter
Community Donations 2015

CSP donations: $99,366

Other donations:
• Mudgee Little A’s $6,000
• Pink Tractor Drive $3,000
• Westpac Helicopter $6,000
• Pioneer House $8,000

Total donations: $122,366
Operational Update

- Mining operations in OC1 Mod 9 area and OC2.
- Overburden placement in OC1, OC2 and OC4.
- OC4 boxcut commenced.
- CHPP water management works completed.
Exploration Update

- Drilling programs and rehabilitation activities in EL6288 and EL7073 have continue during the period.
- UG1 and UG4 south area drilling program completed.
  - UG1 focus on igneous body.
  - UG4 coal quality and geotechnical.
- Upcoming drilling focused on the OC4 and UG1 areas.
Environmental Monitoring

- Monitoring network expanded.
- Water, air quality and noise
- Additional sites in the vicinity of OC4.
Water Quality

Moolarben Surface Water pH
January 2015 to December 2015
Water Quality

Moolarben Surface Water Electrical Conductivity
January 2015 to December 2015

Electrical Conductivity (µS/cm)


SW1 SW2 SW3 SW4 SW5 SW6 SW7 SW8 SW9 SW10 SW11 SW12 SW13 SW14 SW15 SW16 SW17 SW18 SW19 SW20
Water Quality

Moolarben Surface Water Total Suspended Solids
January 2015 to December 2015

Total Suspended Solids (mg/L)

## Air Quality

<table>
<thead>
<tr>
<th>Site</th>
<th>October 2014 PM10 Annual Average</th>
<th>October 2015 PM10 Annual Average</th>
<th>Air Quality Criteria PM10 Annual Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ulan School</td>
<td>11.9</td>
<td>12.4</td>
<td>30.0</td>
</tr>
<tr>
<td>Ridge Road</td>
<td>10.3</td>
<td>9.2</td>
<td>30.0</td>
</tr>
<tr>
<td>Ulan-Wollar Rd (Relocated Aug 2015)</td>
<td>13.5 (Murragamba)</td>
<td>14.4</td>
<td>30.0</td>
</tr>
</tbody>
</table>

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
Community Complaints

Volume of Complaints 2015

TOTAL NUMBER OF MONTHLY COMPLAINTS (DIRECT)

YTD CUMULATIVE COMPLAINTS

Month | Monthly Total | Yearly Rolling Average | Cumulative Total
--- | --- | --- | ---
Jan-14 | 15 |  | 15
Feb-14 | 41 |  | 56
Mar-14 | 81 |  | 137
Apr-14 | 19 |  | 156
May-14 | 14 |  | 170
Jun-14 | 32 |  | 202
Jul-14 | 172 |  | 374
Aug-14 | 44 |  | 418
Sep-14 | 16 |  | 434
Oct-14 | 27 |  | 461
Nov-14 | 6 |  | 467
Dec-14 | 0 |  | 467

30 May 2017
Rehabilitation Update

▪ OC2 Strip 1
  • First rehabilitation area in OC2.
  • Shaping, topsoil placement and soil testing complete.
  • Topsoil amelioration and seeding commences this week.
  • Agricultural land-use rehabilitation objective.

▪ Further rehabilitation to commence in OC1 after OC2.
▪ A total of 13 ha to be rehabilitated prior to Christmas in this campaign.
▪ Latham’s Snipes observed sheltering and foraging in rehabilitation.
Rehabilitation Update
Ulan-Wollar Road - Update

- MWRC has re-opened the Ulan-Wollar Road and decommissioned the by-pass.
- Backfilling of area completed in accordance with program developed in consultation with the Department of Trade and Investment.
Stage 2 Update

- **Materials Handling System**
  - Conveyor drive pad and surge bin
  - Conveyor set-out and sleepers
  - RE Wall concrete and steel works
  - Structural steel deliveries

- **Site Wide Earth Works**
  - Dam 401
  - Sediment Dams
  - Clean water diversion works
  - Light vehicle road – final trim & seal
  - Progressive rehabilitation.
Stage 2 Update 2

### CHPP and MIA Areas
- Additional Belt Press Filters shipped.
- Belt Press Filter and stores building expansion.
- Bath house extension - 1 of 2 installed.
- OC1 Office expansion.
- Workshop stores - Foundation works.

### Other
- Equipment procurement.
Underground Project Update

- Earthworks have commenced for the UG 1 within the Open Cut footprint
  - Highwall stabilisation
  - Haulroad underpass
  - Construction Offices
  - First workings scheduled to commence in Q1 2016.
Modifications to Project Approval - Summary

- **OC4 South-West Haul Road Modification**
  - Approval received 21 August.
  - Construction of the haul road has commenced.

- **UG1 Optimisation Modification**
  - Department of Planning and Environment currently assessing application.
  - Expect referral to the Planning and Assessment Commission this year.
THANK YOU