



**Ulan Coal Mines Ltd CCC Meeting
2 August 2011**

Attending Guests: Scott Lillis (SL), Geoff Mitchell (GM), Julia Imrie (JI), Esme Martens (EM), Vicki Tapp (VT), Garry West (GW), Bev Smiles (BS),

UCML Attendees: Jamie Lees (JL), Bertie Stanley (BSt), Sam Foster (SF), Tara Stokes (TS) and Dan Reinhard (DR)

Apologies: Chris Pavich

Chair: Garry West (GW)

Meeting Opened: 2.15pm **Meeting Closed:** 3.15pm

INTRODUCTION

JL Introduced three new members of the Environment & Community Team.

- Bertie Stanley- Community, Land & Property Coordinator
- Daniel Reinhard- Environment & Community Coordinator
- Tara Stokes- Environment & Community Officer

JL Provided an overview of the organisational structure of the Environment & Community Team and key roles and responsibilities.

1 PREVIOUS MINUTES

GM Moved that the previous minutes be accepted as a true and accurate record of the CCC meeting.

EM Seconded that the previous minutes be accepted.

1.1. Matters arising from previous minutes

JL Advised that any actions arising from the previous meeting will be addressed in this meeting including the provision of the most recent Quarterly Subsidence report.

2 ULAN OPERATIONAL UPDATE

JL Provide a brief operational update.

Ulan No 3 Underground

Longwall production has recommenced after the recent water ingress issues experienced in LW26. Water management is a key priority for the operation as a result of the high inventory levels of water that are maintained on site. Strata issues in LW3

continue to impede the development of this panel and therefore it is proposed to mine in the North 1 panels after LW 26 – subject to the approval of s75W modification.

Ulan West

Construction of the Ulan West Box Cut has advanced. Completion of the Box Cut will allow for the development of the portal entrances into the new Ulan West Underground Mine. Current construction activities also include a clean water diversion drain and surface facilities pad. Conveyors and supporting infrastructure are yet to be constructed.

- Jl Questioned the stress zones encountered in W2 and 3 and future issues for the mine in this regard.
- JL Confirmed stress zones are present and these zones are currently being reviewed to assess the implication on future mining areas.
- BS Commented that this is a bit of a blind approach.
- JL Mine plans are based on the best geological information available at the time. UCML has an extensive exploration geological database and geological model which is further refined in advance of mining.
- Jl How much are UCML discharging per day?
- JL/TS 10-15 Mega Litres per day
- Jl What percentage of natural flow does that represent?
- JL Was unable to answer the question without reviewing the gauging station data.

3 APPROVALS

3.1 Part 3a Approval

- JL Provided an update on the Part 3A approval including:
- Environmental Management Strategy and Systems documents.
 - An overview of the recent Land & Environment court case.

3.2 Sec 75 Modification

Modification of Project Approval 08_0184 for the development of the North 1 underground mining area, installation of a Concrete Batching Plant and minor amendments to Ulan No.3 and Ulan West Mine Plans

- Dept of Planning & Infrastructure determined the EA to be adequate – July 2011
- Public exhibition to occur between 28 July – 18 August 2011 (public advert was displayed at meeting)

Hard copies and DVD's of the EA will be made available to CCC members.

In addition to the North 1 Panels and concrete Batching plant, modifications also include moving the Ulan West mine plan 40 meters east and the extension of the Ulan No. 3 Longwall panel W4 – W6 into the Ulan West mine plan.

General discussion was held on the key environmental issues addressed within the Environmental Assessment.

- GM Confirmed that panels 4, 5 and 6 will change, but 7 and 8 won't due to the cliff lines in his property.

3.3 Environmental Management System

- JL Provided an overview of the EMS including the Environmental Management Strategy and Systems documents. The CCC were provided a copy of the DRAFT EMS

Condition & Schedule	Requirement	Document Number
9, Schedule 3	Noise Management Plan	ULN SD PLN 0031
16, Schedule 3	Blast Management Plan	ULN SD EXT 0092
22, Schedule 3	Air Quality & Greenhouse Gas Management Plan	ULN SD PLN 0059
26, Schedule 3	Extraction Plan	N/A
34, Schedule 3	Water Management Plan	ULN SD PLN 0017
35, Schedule 3	Site Water Balance	Part of ULN SD PLN 0017
36, Schedule 3	Goulburn River Diversion Remediation Plan	ULN SD PLN 0054
37, Schedule 3	Erosion & Sediment Control Plan	ULN SD PLN 0025
38, Schedule 3	Surface Water Monitoring Program	ULN SD PLN 0055
39, Schedule 3	Groundwater Monitoring Program	ULN SD PLN 0056
40, Schedule 3	Surface & Ground Water Response Plan	ULN SD PLN 0057
44, Schedule 3	Biodiversity Management Plan	ULN SD EXT 0093 (Biodiversity, Rehabilitation and Offset Management Plan)
47, Schedule 3	Heritage Management Plan	ULN SD PLN 0013
50, Schedule 3	Ulan Road Strategy	N/A
53, Schedule 3	Waste Management Plan	ULN SD PLN 0016
57, Schedule 3	Rehabilitation Management Plan	(Integrated Mining Operations Plan)

Yellow-currently being revised

Green- Approved

White- Awaiting approval

3.4 Auxiliary Approvals

- **Extraction Plan** (new name for SMP – DoPI is the approval authority)
 - Required under condition 26 of PA08_0184 for second workings
 - North 1 panels – LW 28
 - 7 years (aligned to previous SMP process)
- **s58 modification**
 - Align EPL 394 to PA 08_0184
 - Noise, air, water etc, i.e. new discharge sites.

BS Questioned whether aligning the EPL with the project approval was done with the Part 3A Approval?

JL Part 3A brought together the development approvals.

4 ENVIRONMENTAL MONITORING NETWORK

4.1 The Drip

UCML is currently consulting Moolarben Coal Mine regarding a monitoring program for 'The Drip' - in principal agreement has already been reached.

The Drip is a rainfall driven system. The proposed monitoring program will include:

- Piezometers upstream of 'The Drip' to identify any potential changes in the groundwater regime, including changes to water levels and quality.
- The location of these monitoring bores will be determined in consultation with NOW and the relevant landholder where the bores are proposed to be located.

JL Asked for early input from JI in regards to the monitoring.

JI Questioned allowing access through their property, and the risk of drilling in a sensitive landscape directly into the Drip groundwater system. Suggested less invasive methods to identify source of recharge or links with deeper systems e.g. aquifer characterisation tests. Need to ask the question what will be achieved and at what risk? Just locating the correct aquifer would be problematic (like a needle in a haystack). This is just an exercise – how will it actually help protect the Drip?

JL If JI has concerns about the monitoring proposal, then potential monitoring alternative should be provided – UCML is committed to monitoring the Drip to address community concerns. Further discussion regarding this issue will be held between JI, Moolarben and UCML. Outcomes from this meeting will be tabled with DoPI and NOW.

4.2 Base flow

At the Ulan Mine Complex, the mechanisms which contribute to base flow within a watercourse include seepage from:

- shallow regolith;
- soil zone;
- unconsolidated alluvium adjacent to and within a watercourse;
- weathered and fractured rocks; and
- seepage from the regional deep hard rock systems.

Methods to monitor impacts on base flows, include:

- groundwater model validation;
- flow gauging; and
- site water balance calculations,

The monitoring program will be confirmed in consultation with NOW and DOPI to monitor base flow impacts.

Location of gauging stations and other monitoring points were illustrated.

General discussion about how hard rock base flow was accounted for in the ground water model and the difficulties in monitoring these flows.

4.3 Noise

The real time noise monitoring network has been installed and is currently being refined.

UCML is also in consultation with Moolarben regarding integrated environmental monitoring network.

5 COMMUNITY UPDATE

- JL Provided an overview of the community complaints. These complaints related primarily to noise. The main areas where issues are encountered are Wonga Roo Road and Cope Road. Extensive attended noise monitoring and additional noise loggers is being utilised to assess noise levels. Analysis of noise loggers is currently occurring to determine noise sources and cumulative impact issues. It is difficult to pin point a noise source due to Moolarben and Ulan being in close proximity and also due to simultaneous operational changes.
- SL Has the limit of 35 dB, as per the NSW Industrial Noise Policy been breached?
- JL Attended noise monitoring has not measured any non compliance issue.

6 REVIEW OF ACTIONS

- GW Identified status of each action from the March minutes.

ITEM	RAISED BY	ACTION	RESPONSIBILITY	STATUS
1	BS	Provide laminated site maps to CCC at next meeting	SF	Complete
2	EM	Follow-up internally with MWRC re council CCC representative	EM	Ongoing
3	GW	Social Involvement Plan (SIP) to be circulated to members	SF	Complete
4	CP	Provide an update on subsidence (end of panel report) at the next meeting	SF	Complete
5	JL	Discuss a joint CCC meeting with MCM and Wilpinjong Coal Mine ECM's	JL	Complete (3/8/11)
6	JL	Provide an update on the monitoring of "the Drip and also how the baseflow will be verified at the next meeting	JL	Complete
7	GW	Supply a copy of the Xstrata Sustainable Development Policy to members at next meeting	SF	Complete
8	GM	Include Mcgrath's piezo in next private bore survey	JL	Complete

- GM Voiced his concerns that council should attend to the matter of their representative on the committee and that it shouldn't be an issue that is ignored.
- EM Advised that re-elections are coming and that there will be a review in September.
- GW Will approach council's general manager in regards to the issue.

A copy of 2011 SIP expenditure was provided to all members.

- JL Invites comments or suggestions for next year's Social Involvement Program funding. This budget is in addition to any community funding provided under the Xstrata Coal Corporate Social Involvement program. All comments and suggestions should be directed to Bertie Stanley.

The End of Panel Report was provided to members, however it was requested that it be emailed to all members.

SD Policy was provided, along with maps and a draft copy of UCML's Environmental Management Strategy.

7 GENERAL BUSINESS

- BS What's the situation on the road to Mudgee between the council and the mine?
JL The Ulan Road Strategy will be developed by the three mines. A scope of Works has been developed and has been sent out for tender. Tender closes today.

The scope involves the upgrade of the road from the Ulan UG turn off to Mudgee. There has been consultation with council and RTA. Ulan, Moolarben and Wilpinjong are funding the development of the Road Strategy.

There was discussion regarding how the three mines in the area are being used as the scape goats for other industries and other users of the road, including other mines/quarries in the regional area.

Meeting was closed at 3.15 pm to allow for a Field Trip of the Ulan West project area.

Meeting Closed: 3.15pm
Field Trip Finished: 4:30pm

Next Meeting: 25th October 2011
Following Meeting: 6th December 2011

Action Status Table

ITEM	RAISED BY	ACTION	RESPONSIBILITY	STATUS
1	BS	Supply hard and soft copies of the sec 75W modification to CCC members	JL	Complete
2	EM	Follow-up internally with MWRC re council CCC representative	GW	Ongoing
3	BS	Email EOP Report	BSt	Complete
4	BS	Provide update on Ulan Road Strategy	JL	
5	JL	Report on where funds that were provided to Council, have been spent.	JL	