## MINUTES OF MEETING

### COWAL GOLD MINE

COMMUNITY ENVIRONMENTAL MONITORING AND CONSULTATIVE COMMITTEE (CEMCC)

**Wednesday 3 December 2014**  
9.00 am – Lake Cowal Conservation Centre  
Minutes taken by: Shane Goodwin

### Attendees:
- Independent Chair: Margaret MacDonald-Hill (MMH)
- Barrick: Garry Pearson (GP), Shane Goodwin (SG)
- Community Members: Angus Stitt (AS), Lucy Buttenshaw (LB) and Dave Carter (DC)
- Bland Shire Council: Neil Pokoney (NP)
- Lachlan Shire Council: Graham Scott (GS)
- Forbes Shire Council: Brian Mattiske (BM), Graeme Miller (GM)
- Wiradjuri Condobolin Corporation: Ally Coe (TW)

### Observers:
- Bob Blain (Barrick Cowal Processing Manager)
- Leeanne Hampton (Bland Shire Council and West Wyalong Local Aboriginal Lands Council)

### Apologies:
- Daryl Neilson, Jenene McGrath, Bruce Dent, Cr Ron Penny

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<tr>
<th>ITEM</th>
<th>ACTION</th>
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<tr>
<td><strong>1.0 Welcome</strong></td>
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Independent Chair, Margaret MacDonald-Hill opened the meeting at 9.10 am. |
| **2.0 Declaration of Interest** |  
Margaret MacDonald-Hill declared her interest as Independent Chair of the CEMCC, appointed by the Director General of the Department of Planning and Infrastructure. For record purposes, Margaret advised the committee she is a member of the Mine Subsidence Board. Margaret also declared that she receives payment via a Trust established by the Bland Shire Council for her work as Chair of the CEMCC. Margaret advised that she had not sought re-appointment to the Minister’s Arbitration Panel which had been part of previous declarations of interest. |
| For a full Declaration of Interest for all members, see Attachment A |  |
| **3.0 Confirmation of Minutes of CEMCC Meeting held on 3 September, 2014** |  
Moved: Angus Stitt  
Seconded: Lucy Buttenshaw  
Accepted. |
4.0 Business Arising from previous Minutes

Margaret advised that she had written to the Department of Planning and Environment per the resolution at the CEMCC’s previous meeting. Copies of the letter and the Department’s response had been distributed to CEMCC members via email.

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<td><strong>In</strong></td>
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<tr>
<td>15/9/14 - email Barrick NF &amp; O incident report</td>
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<td>24/9/14 - letter from BSC on CEMCC reps</td>
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<td>24/9/14 - letter from DP&amp;E responding to monitoring</td>
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<td>24/10/14 - email Barrick NF &amp; O incident report</td>
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<td>18/11/14 email Barrick NF &amp; O incident report</td>
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<td>19/11/14 - letter from Forbes Council advising representatives</td>
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<td>1/12/14 - email Barrick NF &amp; O incident report</td>
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<td>1/12/14 - email Barrick IMP</td>
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<td><strong>Out</strong></td>
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<tr>
<td>15/9/14 - letter to DP&amp;E re monitoring</td>
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5.0 Reports

Shane Goodwin provided a detailed account of Barrick Cowal’s Community Relations Activities over the past three months – See the attached presentation for more information (Attachment B).

- Community Relations activities
- Complaints/Grievances
- Upcoming activities
- Cowal Partnering Program discussion

**Complaints/Grievances**

The 2 complaints received since the last meeting were from two individual stakeholders:

- The complaints received relate to:
  - Blasting (1)
  - Driver behaviour (1)
Garry Pearson provided a detailed account of Barrick Cowal’s Environment Department Activities over the past three months – See the attached presentation for more information (Attachment C).

He noted that the Independent Monitoring Panel’s (IMP) 10th annual report had been delivered and copies made available to CEMCC Members. The report will also be posted to the Barrick website in accordance with Development Consent Conditions.

6.0 General Business

2015 Preliminary Meeting Schedule:
- 4 March, 2015 – Cowal Gold Mine
- 3 June 2015, Venue TBA
- 9 September 2015, Venue TBA
- 2 December 2015, Venue TBA

7.0 Meeting Closed – 10.20am

8.0 Next Meeting

Wednesday 4th March 2015, at the Cowal Gold Mine.
Community Environmental Monitoring and Consultative Committee (CEMCC)

Declarations of interest:

Margaret MacDonald-Hill - Independent Chair
- Appointed by DG of DP&E, paid via Trust administered by Bland Shire Council
- Member of the Mine Subsidence Board

Angus Stitt – Community Representative, West Wyalong
- Receives reimbursement of travel costs for attending CEMCC meetings, from time to time

Lucy Buttenshaw – Community Representative, West Wyalong
- Nil

Jenene McGrath – Community Representative, West Wyalong
- Nil

David Carter – Community Representative, Condobolin
- Nil

Bruce Dent – Lake Cowal Landholders Association
- Noise Mitigation Agreement in accordance with Development Consent Conditions
- Receives reimbursement of travel costs for attending CEMCC meetings, from time to time

Neil Pokoney – Bland Shire Council Representative
- Barrick is a ratepayer within the Bland Shire
- Barrick has entered into a Roads Maintenance MOU with Bland Shire Council
- Barrick has provided financial support for certain community events, initiatives, and infrastructure operated by the Bland Shire Council

Graham Scott – Lachlan Shire Council Representative
- Barrick is a ratepayer within the Lachlan Shire
- Barrick is a customer (subscriptions and advertising) of The Lachlander newspaper, of which, Cr Scott is the Editor
- Barrick has entered into a Roads Maintenance MOU with Lachlan Shire Council
- Barrick has provided financial support for certain community events, initiatives, and infrastructure operated by the Lachlan Shire Council
**Brian Mattiske – Forbes Shire Council Representative**
- Barrick is a ratepayer within the Forbes Shire
- Barrick pays annual easement payments to the Forbes Shire Council for properties owned by Council
- Barrick pays annual easement payments to entities which Mr Mattiske maintains a financial interest in for properties owned by those entities
- Barrick pays an annual fee for Temporary Water Transfer Agreements to entities which Mr Mattiske maintains a financial interest
- Barrick has provided financial support for certain community events, initiatives, and infrastructure operated by the Forbes Shire Council

**Graham Miller – Forbes Shire Council Representative**
- Barrick is a ratepayer within the Forbes Shire
- Barrick pays annual easement payments to the Forbes Shire Council for properties owned by Council
- Barrick has provided financial support for certain community events, initiatives, and infrastructure operated by the Forbes Shire Council

**Daryl Neilson – Lake Cowal Foundation and Independent Scientist**
- Receives reimbursement of travel costs for attending CEMCC meetings, from time to time
- Director of Lake Cowal Foundation which receives annual payments from Barrick

**Ally Coe – Wiradjuri Condobolin Corporation**
- Wiradjuri Condobolin Corporation receives compensation payments in accordance with Native Title requirements
- Wiradjuri Condobolin Corporation is a contractor to Barrick at the Cowal Gold Project
ATTACHMENT B – COMMUNITY RELATIONS PRESENTATION
Community Relations

- Community Relations Team activities
- Complaints/Grievances
- Upcoming activities
- Cowal Partnering Program
Community Relations

Activities since the last CEMCC Meeting:

- RoadSafe September Initiative (Bland, Forbes and Lachlan Shires)
- Alan Fearon, General Manager official opening of the Forbes Show
- Family and Community Open Days
- Sponsorship of the NAIDOC Celebration in West Wyalong (in partnership with the West Wyalong local Aboriginal Lands Council)
- CPCC and ETBC Meetings with the Wiradjuri Condobolin Corporation
- Visit to Northparkes mine for management collaboration opportunity

Community Relations

Activities since the last CEMCC Meeting:

- Notification to affected landowners of new Development Consent Conditions (acquisition upon request)
- Future Land Use Advisory Committee Meeting
- Bland Shire Council’s Cowal Gold Mine Closure Advisory Committee
- GeoPeko Reunion Event
- Visit from Katrina Hodgkinson MP, Minister for Primary Industries
RoadSafe September
Upcoming Activities

- Barrick Cowal Employee/Contractor Christmas Parties
- Commencement of 2015 Exploration Program – notification and engagement with affected landowners
Complaints/Grievances

- CGM received two (2) complaints since the last meeting of the CEMCC which was held on 3 September 2014.
- The two complaints received relate to:
  - Driver behaviour: 1
  - Blasting: 1
- The complaints were from a selection of stakeholders:
  - Complainant A: 50% (1)
  - Complainant B: 50% (1)
**Driver Behaviour:**

- Barrick Cowal’s Community Relations Manager received a call from the Complainant at 6:05pm on Wednesday, 1 October 2014.
- The Complainant advised that they had called to complain about Barrick Cowal Gold Mine employees and/or contractors who were forgetting to switch off their flashing lights on their vehicles when driving on public roads.
- The Community Relations Manager apologised to the Complainant for the inconvenience and undertook to remind all mine personnel of the requirement to switch off flashing lights prior to departing the mine site.
- The Complainant indicated their satisfaction with this response.
Complaints/Grievances

Blasting:
- Barrick received one complaint regarding blasting.
- A Barrick representative spoke with the complainant and undertook to provide blast monitoring data to the complainant via fax and post.
- The blasting event which triggered the complaint was found to have complied with the Blasting Impact Criteria described in the CGM Development Consent.
  - Peak Ground Vibrations: 0.32 mm/s
  - Peak Overpressure: 104.2 dB(Lin)
- The Complainant was advised that if they remained dissatisfied with the ongoing effects of blasting at their property, they could seek independent mediation of their Complaint via the CEMCC.
- Complainants were also advised that they could seek independent assessment of blasting impacts at their properties via the Department of Planning and Environment. Barrick has provided the Complainants with the Department’s contact details.

Cowel Partnering Program - 2014

- Current expenditure: $155,944.61
- Key Partnerships:
  - Heartmoves – Bland Shire Council
  - Havannah House
  - Forbes Wiradjuri Dreaming Place
  - Mexico in the West
  - Many Rivers Microfinance (2015 commencement)

Businesses chip in to support Fiesta weekend
Cowal Partnering Program - 2014

2014 Expenditure by geographic area

- 25% BLAND
- 34% LACHLAN
- 21% FORBES
- 20% REGIONAL

- 45% BLAND
- 27% LACHLAN
- 28% FORBES
2014 Expenditure by issue

- Health programs: 31%
- Indigenous initiatives: 17%
- Economic development activities: 17%
- Events: 14%
- Education programs: 18%
- Community development: 3%
Cowal Partnering Program

- Funds already committed for 2015: **$78,498**
- The programs we have committed to include:
  - Forbes Wiradjuri Dreaming Place (Forbes)
  - Yawarra Aboriginal Corporation (Condobolin)
  - Events West Wyalong – “In the West” (West Wyalong)
  - West Wyalong District Education Fund (West Wyalong)
  - Kalari-Lachlan River Arts Festival (Forbes)
  - Wiradjuri Council of Elders (Regional)
  - Murrumbidgee Local Health District (Regional)
  - Many Rivers Microfinance Organisation (Regional)
Environmental Management Overview

- Environmental Policy (September 2014)
- Environmental Incidents
- Environmental Summary
- Government Interactions
- Cyanide Management
- 2015 Look Ahead
Barrick Environmental Policy

Barrick Gold Corporation believes that wise environmental stewardship is based on careful work planning, diligent implementation, thoughtful assessment of performance and a desire to improve over time.

Successful implementation of our plans results in some disturbance to our natural environment. However, Barrick believes that we can contribute to the sustainable development of our host communities. We are committed to meeting the needs of current members of that community without jeopardizing the ability of future generations to meet their needs.

Therefore, we believe Barrick must:

- Apply proven management practices to prevent pollution or other environmental impacts, when practical, or to mitigate our impacts.
- Set and review environmental objectives and targets aimed at continual improvement.
- Conduct periodic reviews of our operations to monitor environmental performance and to guide its environmental management program.
- Fully comply with all applicable environmental laws, regulations and other environmental obligations.
- Work with governmental and civic leaders, environmental groups, and other concerned parties to develop a mutual understanding of environmental issues.

Co-President Co-President
September 2014

Environmental Incidents

- Reportable Incidents
  All incidents related to death of native fauna on the mining lease.

- September 2014
  - 3 Welcome Swallows – various sheds and buildings.
  - 1 Tawny Frogmouth – bitumen access road.
  - 2 Myall (Curl) Snake – Exploration Geology and TSF gravel access roads.
  - 1 Brown Snake – Pond D1 access road.
  - 1 Barn Owl – desiccated top half on LPB access road.
  - Two (2) native animals rescued - Bearded Dragons in Admin areas. WIRES.

- Pest Control
  - Addressing feral cats numbers.
  - Mouse baiting continuing. No mice since 2012 mini-plague.
  - 1080 Fox baiting resumed 08 September 2014 (50 blue chicken wings).
  - Pinbone baits for Rabbits (50 kg green carrots).
  - Mutual Aid Nil (0) – requests - WIRES.

- All incidents were reported to Government agencies in accordance with regulatory approvals. Deceased fauna were forwarded to Veterinary Clinic to confirm cause of death. No death was associated with chemical toxicity & no further action necessary.
Environmental Incidents

Reportable Incidents
All incidents related to death of native fauna on the mining lease.

October 2014
- 1 Brown Snake – bitumen access road.
- 1 Australian Raven – bitumen access road.
- 1 Welcome Swallow – juvenile separated from parents.
- 1 Apostlebird – bitumen access road.

Ten (9) native animal rescued – 4 Brown Snakes; 2 Long-necked Turdes; 2 Welcome Swallow juv; 1 Plover egg; and 1 Barn Owl. WIRES Calls.

Pest Control:
- Addressing feral cats numbers.
- Mouse baiting continuing. No mice since 2012 mini-plague.
- 1000 Fox baiting resumed 08 September 2014 (20 blue chicken wings).
- Fumigate baits for Rabbits (20 kg green carrots).

Mutual Aid: 2 x 4 – 1 x 3 WIRES.

All incidents were reported to Government agencies in accordance with regulatory approvals. Deceased fauna were forwarded to Veterinary Clinic to confirm cause of death. No death was associated with chemical toxicity & no further action necessary.

November 2014
- 8 Welcome Swallows – 4 on 20 Nov & 4 on 29 Nov. Leach Tails Thickener.
- 4 Welcome Swallows – adults dropping in hot, dry weather.
- 1 Apostlebird – bitumen access road.
- 2 Australian Magpie – bitumen access road.
- 1 Galah – bitumen access road.
- 1 Grey Kangaroo – exhausted, dead in Pond D3 muddy bank.
- 1 Black Faced Cuckoo Shrike – fallen juvenile in Processing Plant.
- 1 Zebra Finch – bitumen access road.
- 1 Turte – Mining E42 Pit Haul Road.

Five (5) native animals rescued - x3 juv Welcome Swallows; x2 Brown Snakes; x1 Welcome Swallow; x2 Long-necked Turdes; x1 Spotted Marsh Frog. WIRES.

Pest Control:
- Mouse baiting continuing. No mice since 2012 mini-plague.
- 1000 Fox baiting resumed 08 September 2014 (20 blue chicken wings).
- Fumigate baits for Rabbits (10 kg green carrots).

Mutual Aid: Eight (8) – requests – x3 Brown Snakes; x2 Blue-tongue; x1 Pobblebonk; x1 Microbat; x1 Kookaburra; x1 Eastern Rosella; x2 Major Mitchell’s WIRES.

All incidents were reported to Government agencies in accordance with regulatory approvals. Deceased fauna were forwarded to Veterinary Clinic to confirm cause of death.
Welcome Swallows

Two separate incidents (20 and 29 Nov 2014).

Very dry, very hot. A mini-Dredge in Pond D6.

Environmental Incidents

- Reportable Incidents
  All incidents related to death of native fauna on the mining lease.

- December 2014
  - 0 - -.
  - Six (6) native animals rescued - x5 Long-necked Turtles; x1 Nankeen Kestrel. WIRES.
  - Pest Control:
    - Mouse baiting continuing. No mice since 2012 mini-plague.
    - No 1080 Fox baiting since end-2012. Resuming 08 September 2014 – Rabbits too.
    - Mutual Aid: Nil (0) – requests - WIRES.
  - All incidents were reported to Government agencies in accordance with regulatory approvals. Deceased fauna were forwarded to Veterinary Clinic to confirm cause of death. No death was associated with chemical toxicity & no further action necessary.
Turtles are back

Kate Nixon (Forbes) vacation Env Sc student

Sat Image February 2014
Lake level (2010 – 2014)
Environmental Summary

- New MOP approved by DRE (09 October) – August 2016.
- 22 July 2014 MOD11 (s75W) request process.

Regulatory Inspections

- s75W Closure Security Bond Review (20 April 2010):
  - Bonded amount at AUD 63.5 million from July 2009.
  - AUD 58.25 m – adequate Security.

- Offset Areas (440 ha):
  - Added extra 230 ha Offset in MOD11.

- Varied EPL11912 in effect from 10 October 2014
  - Monthly EPL PIRMP data;
  - Lake Cowal below 204.50 m RL monitoring trigger;
  - Temporary suspension Lake dusts, noise, etc.; &
  - MOD11 variation request of EPL to follow Review.
12 ha direct seeding trial works on the inside of PWRE 2014-2015.

This area has just been re-worked by covering it with the STSF buttress pre-strip works cover materials.
Dynamic Stability Buttressing

1st buttress works for NTSF.

Planning done for 5th Lift STSF, and STSF rock buttress works in 2015 (1:5,000 year earthquake design mitigation).

Barrick Corporate FOS is 1.5 (Code is 1.3)

Regulatory Inspections

- 10th Independent Monitoring Panel (Sept 2014):
  - IMP visited 10-11 Sept 2014 – 10th annual visit
  - received October 2014 SoE report from DP&E by IMP on 01 December 2014.

- All relevant govt depts 2014 visit
  - 2013 AEMR accepted as per Minutes; &
  - Now becomes an Annual Review (MOD11).
EMPs status update

- As per recent IEAs, DP&E delays in EMP approvals was noted.
- DP&E verbal instruction to use as approved (26 Sept. 2013).
  - FMP, ESCP, SWMP, CMP, HWCM, BlastMP, NMP, ROMP.
- MOD11 (22 July 2014), sets the path forward to submit revised EMPs. Target is 15 February 2015. All will be held on www.

2,000 native tube stock

29 August 2014

02 December 2014
Environmental Summary

- Lake Blast loggers working well. SAROS mtce in Oct 2014.
- Blast activities - 100% compliance with 120 dB(L).
  - Ongoing communications with neighbours.

Water Supply

- Pond D9 half full (capacity of 690ML).
- 2,000 ML High Security Lachlan Reg Rv water in 2013.
- Saline water started (ESB). New RO Plant running.

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Weather forecast 2015

Cyanide Monitoring Results

August 2014 – TSF - Decant

Switched from STSF (4th Lift) to NTSF (4th Lift) on Friday 29 August 2014.
Cyanide Monitoring Results

September 2014 – TSF - Decant

Cyanide Monitoring Results

October 2014 – TSF - Decant
Cyanide Monitoring Results

November 2014 – TSF - Decant

WorkCover 2011 - 2014
CN SMBS Win – Win Waste Mgt

Env Dept Happenings
Team Cowal – Enviros

- 2015 targets in progress

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<td>Biodiversity</td>
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<td>Climate Change</td>
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<td>Environmental Incident Reporting</td>
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<td>Mine Closure</td>
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<td>Reclamation Cost Estimate</td>
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<td>Closure Plan</td>
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<td>Major Non-conformances</td>
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Cyanide Code (Audit 19-21 Nov 2013)
Certified to ISO 14001:2004
Member’s info supply

September 2014 meeting:
- IMP October 2014 report – received 2013 SoE report from DP&E on 01 December 2014; &
- Barrick Toronto direct link to the Cowal web page:
  http://www.barrick.com/operations/australia/cowal

Look Ahead
Key Environmental Issues
- Lake Cowal to dry state – biological cycle.
- January 2015 ambient noise survey.
- Approval of all Revised Cowal EMPs (end-Feb. 2015).
- Ongoing rehabilitation trial & maintenance works
- Next CEMCC Meeting (04 March 2015).