



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)
 Lianne Hampton (Bland Shire Council and
 West Wyalong Local Aboriginal Lands Council)

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

ITEM	ACTION
<p>1.0 Welcome</p> <p>Independent Chair, Margaret MacDonald-Hill opened the meeting at 9.10 am.</p>	
<p>2.0 Declaration of Interest</p> <p>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.</p> <p>For a full Declaration of Interest for all members, see Attachment A</p>	
<p>3.0 Confirmation of Minutes of CEMCC Meeting held on 3 September, 2014</p> <p>Moved: Angus Stitt Seconded: Lucy Buttenshaw Accepted.</p>	



<p>4.0 Business Arising from previous Minutes</p> <p>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.</p>	
<p>Correspondence</p> <p>In</p> <p>15/9/14 - email Barrick NF & O incident report 24/9/14 - letter from BSC on CEMCC reps 24/9/14 - letter from DP&E responding to monitoring 24/10/14 - email Barrick NF & O incident report 18/11/14 email Barrick NF & O incident report 19/11/14 - letter from Forbes Council advising representatives 1/12/14 - email Barrick NF & O incident report 1/12/14 - email Barrick IMP</p> <p>Out</p> <p>15/9/14 - letter to DP&E re monitoring</p>	
<p>5.0 Reports</p> <p>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).</p> <ul style="list-style-type: none"> ▪ Community Relations activities ▪ Complaints/Grievances ▪ Upcoming activities ▪ Cowal Partnering Program discussion <p>Complaints/Grievances</p> <p>The 2 complaints received since the last meeting were from two individual stakeholders:</p> <ul style="list-style-type: none"> ▪ The complaints received relate to: <ul style="list-style-type: none"> ▪ Blasting (1) ▪ Driver behaviour (1) 	

<p>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).</p> <p>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.</p>	
<p>6.0 General Business</p> <p>2015 Preliminary Meeting Schedule:</p> <ul style="list-style-type: none"> • 4 March, 2015 – Cowal Gold Mine • 3 June 2015, Venue TBA • 9 September 2015, Venue TBA • 2 December 2015, Venue TBA 	
<p>7.0 Meeting Closed – 10.20am</p>	
<p>8.0 Next Meeting</p> <p>Wednesday 4th March 2015, at the Cowal Gold Mine.</p>	

ATTACHMENT A – CEMCC MEMBERS’ DECLARATIONS OF INTEREST



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



Driven
by Returns



CEMCC – Community Relations Update
Wednesday, 3 December 2014



- 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

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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

4

RoadSafe September



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Family and Community Open Days



6

Visit from Katrina Hodgkinson MP





031

Upcoming Activities



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

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- 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.

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Cowal 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)



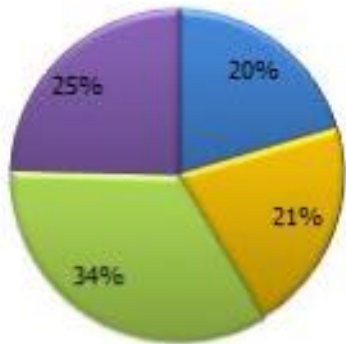
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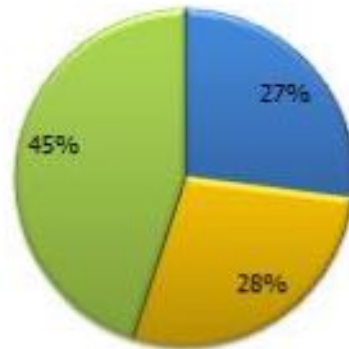
Cowal Partnering Program - 2014



- 2014 Expenditure by geographic area

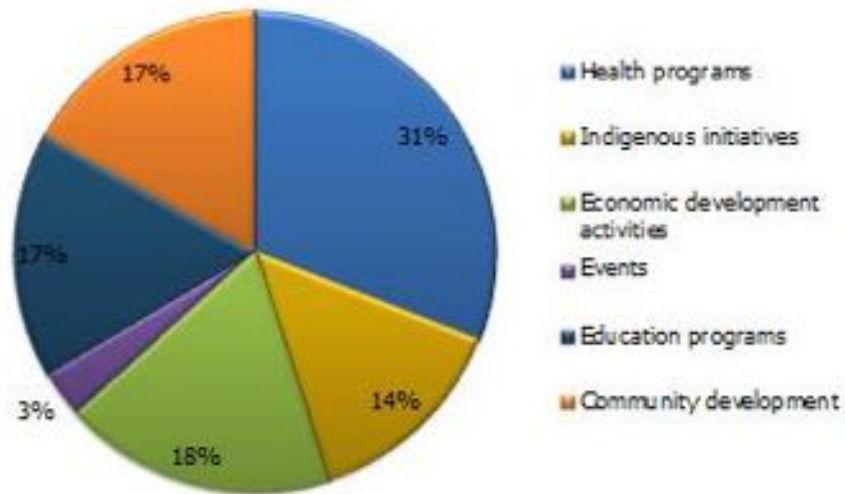


■ BLAND
■ LACHLAN
■ FORBES
■ REGIONAL



■ BLAND
■ LACHLAN
■ FORBES

- 2014 Expenditure by issue



- 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)



ATTACHMENT C – ENVIRONMENTAL DEPARTMENT PRESENTATION





Cowal Gold Project
Environmental Management
CEMCC Meeting 03 December 2014

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:

Regularly communicate this policy to those who work at Barrick, their families, and our host communities.

Establish, document and maintain an environmental management system and clearly defined environmental requirements.

Educate our people, their families, and our neighbouring communities about our systems and practices.

Insist that those who provide services or products adhere to our environmental policy and practices.

Ensure that our leadership and our people understand, support and maintain our environmental management system.

Provide our managers and supervisors the authority and resources necessary to implement our environmental management system and associated environmental standards and practices.

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 programs.

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.

Kelvin Dushinsky
Co-President

Jim Gowans
Co-President

September 2014



WIRES

www.wires.org.au



WIRES

www.wires.org.au

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).
- Pindone baits for Rabbits (30 kg green carrots).
- **Mumal Aid:** Nil (0) – requests - WIRES.

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

**BEEP
FOR
BIRDS
Use car
horn to
Scare**



Environmental Incidents

- **Reportable Incidents**
All incidents related to death of native fauna on the mining lease.
- **October 2014**
 - 2 Brown Snakes – workshop concrete floor - unintended.
 - 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 (10) native animal rescued – 4 Brown Snakes; 2 Long-necked Turfles; 2 Welcome Swallow juvs; 1 Plover egg; and 1 Barn Owl. WIREs Calls.
 - **Pest Control:**
 - Addressing feral cats numbers.
 - Mouse baiting continuing. No mice since 2012 mini-plague.
 - 1080 Fox baiting resumed 08 September 2014 (20 blue chicken wings).
 - Pindone baits for Rabbits (20 kg green carrots).
 - **Mutual Aid:** Nil (0) –. 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.

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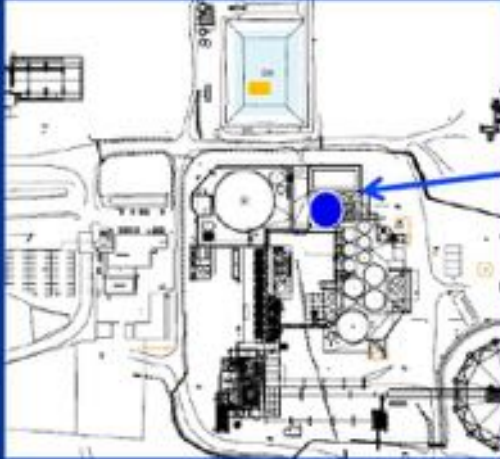

Environmental Incidents

- **Reportable Incidents**
All incidents related to death of native fauna on the mining lease.
- **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 Turtle – Mining E42 Pit Haul Road.
 - Five (5) native animals rescued - x3 juv Welcome Swallows; x2 Brown Snakes; x1 Welcome Swallow; x2 Long-necked Turfles; x1 Spotted Marsh Frog. WIREs.
 - **Pest Control:**
 - Mouse baiting continuing. No mice since 2012 mini-plague.
 - 1080 Fox baiting resumed 08 September 2014 (30 blue chicken wings).
 - Pindone baits for Rabbits (10 kg green carrots).
 - **Mutual Aid:** Eight (8) – requests – x3 Brown Snakes; x2 Blue-tongues; 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. No death was associated with chemical toxicity & no further action necessary.

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Scare**

Welcome Swallows

Two separate incidents (20 and 29 Nov 2014).



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



WIRES
WATERBIRD INQUIRY RESCUE & EDUCATION SERVICE



WIRES
WATERBIRD INQUIRY RESCUE & EDUCATION SERVICE

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 Turdes; 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.

**BEEP
FOR
BIRDS
Use car
horn to
Scare**

Turtles are back

Kate Nixon (Forbes) vacation Env Sc student

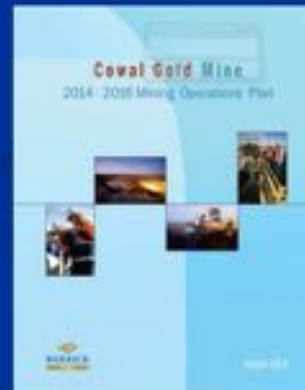


Sat Image February 2014 Lake level (2010 – 2014)



Environmental Summary

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



D1 = E42 Pit Void. D2 = Permanent water management structures. D3 = Infrastructure areas. D4 = TSFs. D5 = WREs. D6 = Final woodland cover corridor. D7 = new Lake Cowal foreshore.

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.
 - Separate Security Bond (DP&E – by July 2015).
- 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.



SWE south (Jan – Nov 2014)



PWE s-east (Sept 2014)



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.

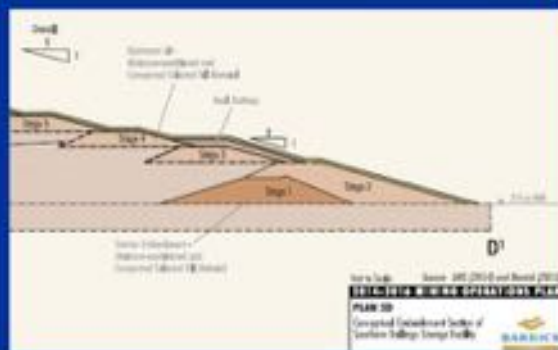
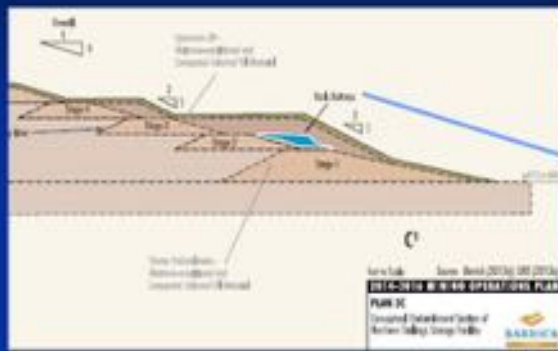
PWE s-east (Sept 2014)



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



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, HWCMP, 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.

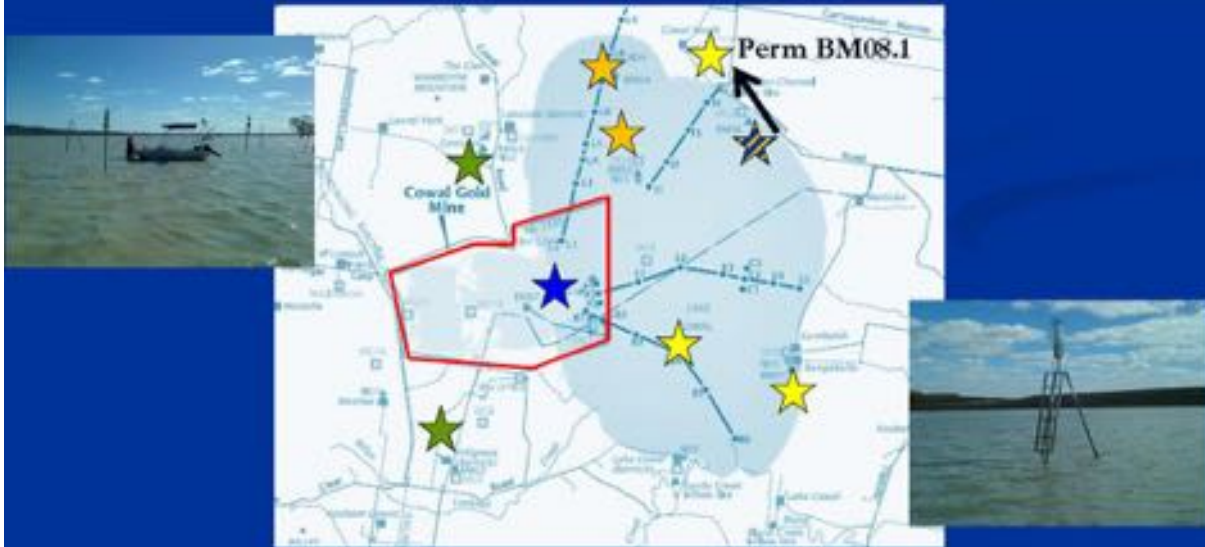


2,000 native tube stock



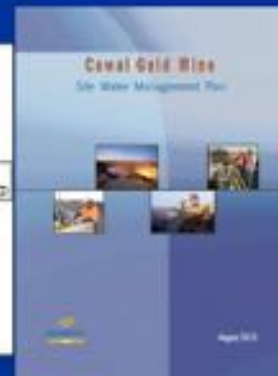
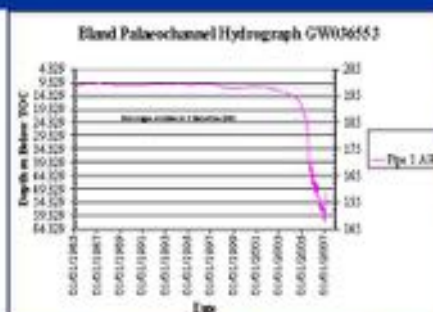
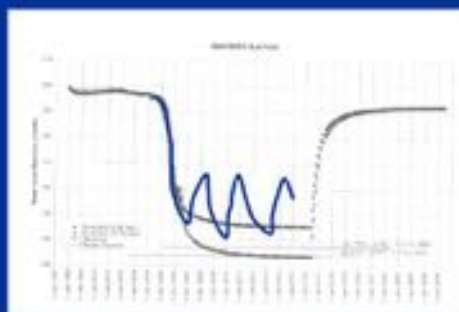
Environmental Summary

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



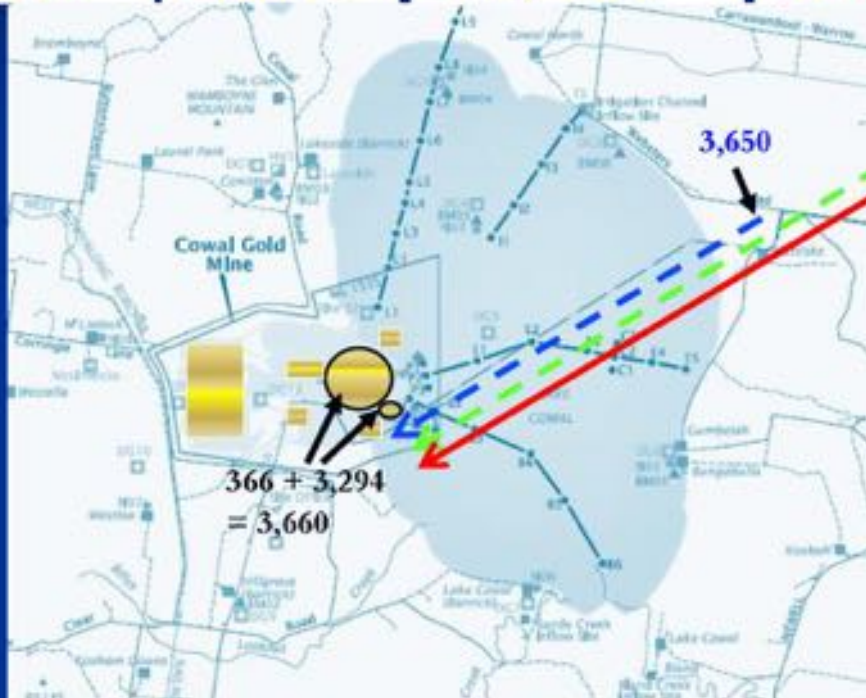
Water Supply

- 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.

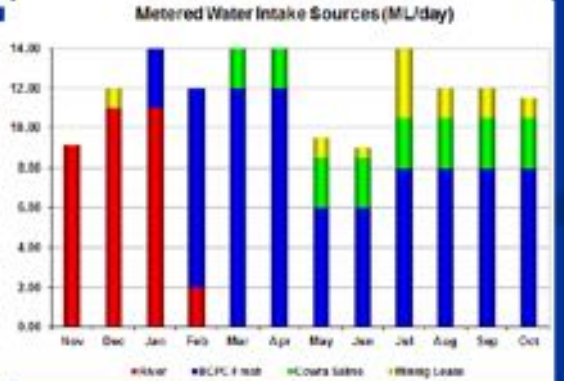
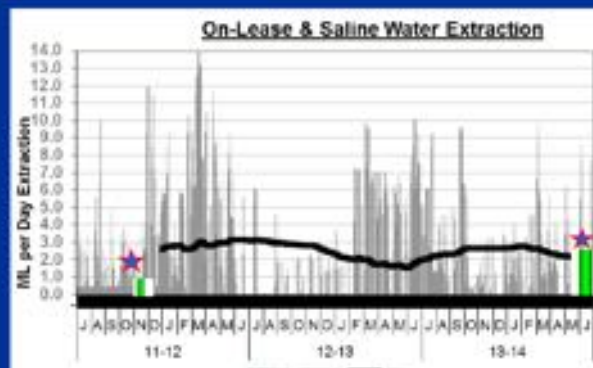
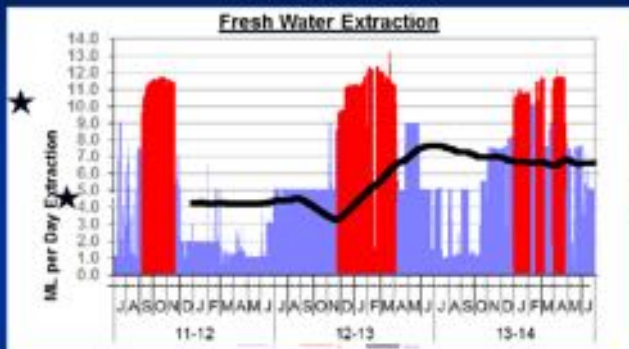


208mRL - 134 = 74m below surface (notify Govt / Users).
70 m below is preliminary water support (already doing).

Groundwater Sources

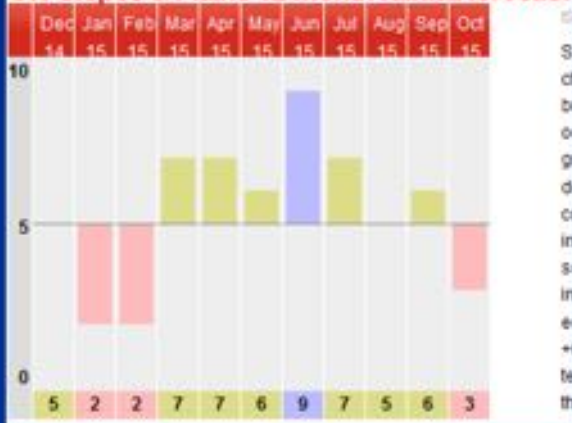


Fresh Water Intake Reduction

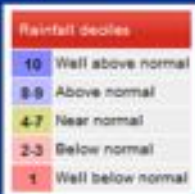


Weather forecast 2015

CW Slopes & Plains 12-month rainfall forecast



eldersweather.com.au



Long Range Disclaimer

The forecast information contained on the Elders Weather website, while believed to be reasonably made at the time of publication, is subject to change. In particular, 28 day and 12 month rain forecasts, given the range of the forecast, do not contain a guarantee of rain on any day and will contain some degree of inaccuracy. You should always seek updated professional weather advice before taking any action dependent on certain weather conditions prevailing. Liability for any errors or omissions, including that arising as a result of Elders negligence, (except any statutory liability which cannot be excluded) is excluded by Elders Limited, its associates, officers, directors, employees and agents.

Cyanide Monitoring Results

August 2014 – TSF - Decant

South - TSF TRENDS - August 14



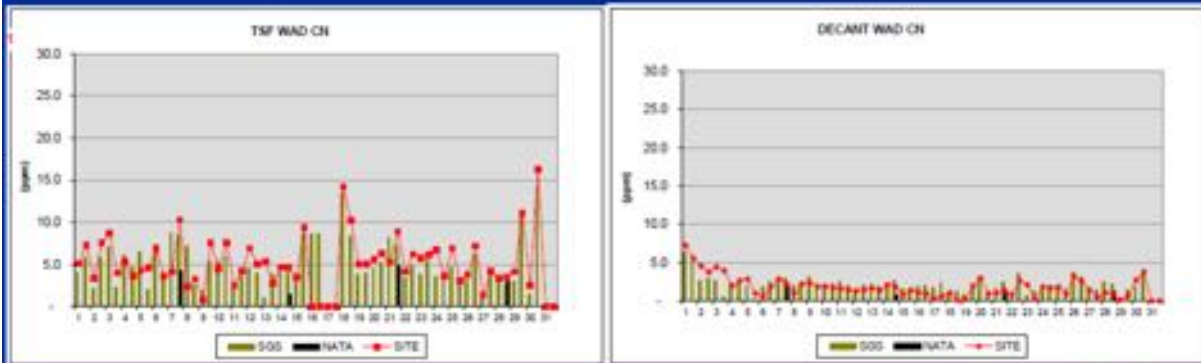
South - DECANT TRENDS - August 14



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

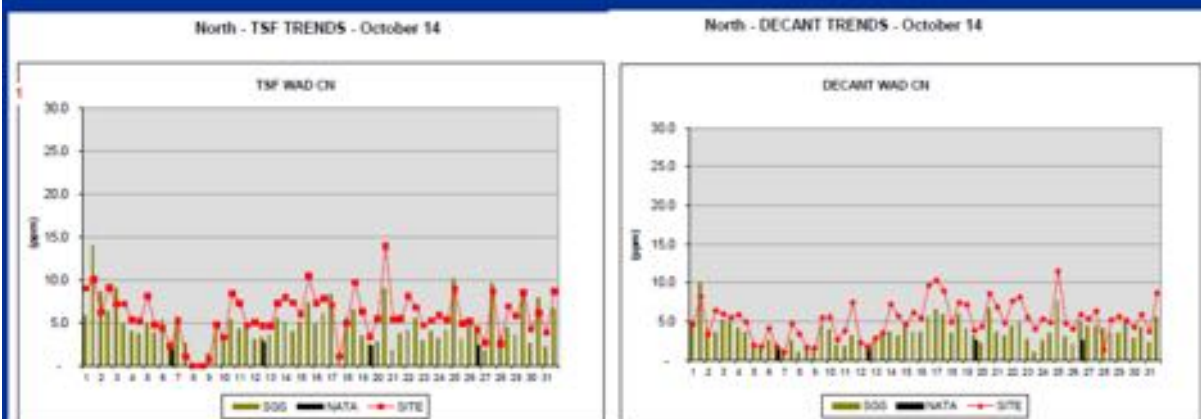
Cyanide Monitoring Results

September 2014 – TSF - Decant



Cyanide Monitoring Results

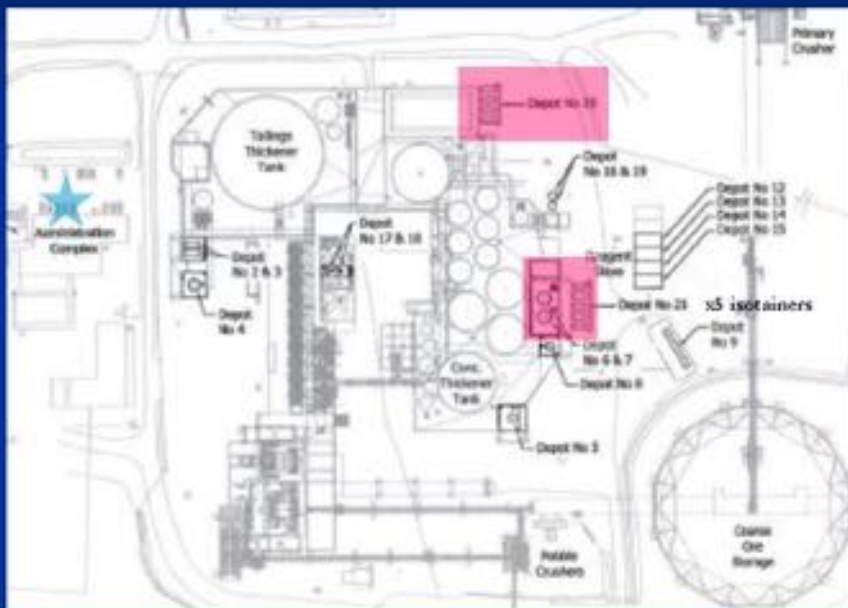
October 2014 – TSF - Decant



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



Environmental Management
**RESPONSIBLE
 MINING**
 Cowal Gold Mine 2015

Continual improvement

KPI	Measure	Status
Standards Implementation	Biodiversity	●
	Climate Change	●
	Environmental Incident Reporting	●
	Water Conservation	●
Closure	Mine Closure	●
	Reclamation Cost Estimate	●
EMS	Closure Plan	●
	Major Non-conformances	●
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).

BARRICK Barrick's vision is to be the world's best gold mining company by operating in a safe, profitable and responsible manner.

STRATEGIC OBJECTIVES

People and Organization Develop a high performing organization with a strong culture of safety, integrity and innovation.	Operational Excellence Improve operational performance through innovation, continuous improvement and operational excellence.	Financial Excellence Maximize shareholder value through operational excellence, cost control and financial discipline.	Planet and Society Operate responsibly and sustainably, respecting the environment and the communities in which we operate.
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2014 PRIORITIES
Strengthen Barrick for strategic advantage.

LEAD VALUES
Integrity, Respect and Open Communications, Responsibility and Accountability, Teamwork, Create Shareholder Value.



Integrity

Respect and Open Communications

Responsibility and Accountability

Teamwork

Create Shareholder Value

