



MINUTES OF MEETING

**COWAL GOLD MINE
COMMUNITY ENVIRONMENTAL MONITORING
AND CONSULTATIVE COMMITTEE (CEMCC)**

Wednesday 3 September 2014

9.00 am – Cowal Gold Mine

Minutes taken by: Elliot Willemsen-Bell

Attendees:

Independent Chair:	Margaret MacDonald-Hill (MMH)
Barrick:	Alan Fearon (AF), Garry Pearson (GP) and Shane Goodwin (SG)
Community Members:	Angus Stitt (AS) and Lucy Buttenshaw (LB)
Lake Cowal Landholders Association:	Bruce Dent (BD)
Bland Shire Council:	Neil Pokoney (NP)
Lachlan Shire Council:	Graham Scott (GS)
Forbes Shire Council:	Brian Mattiske (BM) Graham Miller (GM)
Wiradjuri Condobolin Corporation:	Terry Williams (TW)
Lake Cowal Foundation:	N/A

Observers: Jason Floyd (Barrick Cowal Mining Manager)

Apologies: David Carter, Daryl Neilson, Jenene McGrath, Cr Hampton

ITEM	ACTION
<p>1.0 Welcome</p> <p>Independent Chair, Margaret MacDonald-Hill opened the meeting at 9.16 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 and the Minister’s Arbitration Panel. Margaret also declared that she receives payment via a Trust established by the Bland Shire Council for her work as Chair of the CEMCC.</p> <p>For a full Declaration of Interest for all members, see Attachment A</p>	SG
<p>3.0 Confirmation of Minutes</p> <p>Moved: Neil Pokoney Seconded: Graham Scott Accepted.</p>	



4.0 Business Arising from previous Minutes

MMH discussed the Trust Fund, set up to cover costs associated with the running of the CEMCC, including independent review. The Funds currently has approximately \$25,000 available. All agree to leave as is for now.

The issue of use of Bogeys Island Road was also raised. SG explained that Lachlan Shire had included a submission with the Modification to have Bogeys Island excluded from the Approved Routes in the Development Consent Conditions. This request was not included in the most recent determination, and as such Barrick have reverted to using Bogeys Island Road.

SG discussed the “Driving Change” Program that was presented as a Cowal Partnering Program at the last CEMCC. Unfortunately, the organisation was not able to broaden the scope of the program, and as such Barrick did not proceed with the partnership.

AS complimented GP and his team for the consistently high standard of the AEMR.

TW will present on the Wiradjuri Condobolin Corporation at a future meeting.

Correspondence

In

Email dated 20/6/14 - Barrick, NF&O incident report

Letter dated 1/7/14 - Barrick enclosing complaints register

Letter dated 2/7/14 - Barrick enclosing Cowal update

Letter dated 9/7/14 - Barrick enclosing IEA

Email dated 21/7/14 - Barrick, NF&O incident report

Letter dated 12/8/14 - Barrick enclosing 2013 AEMR

Out

Letter dated 12/6/14 - thank you to Garry Shaw

Email dated 21/8/14 - to CEMCC on cyanide recertification

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
- Wiradjuri update
- Complaints/Grievances
- Modification Proposal Update
- Upcoming activities
- Cowal Partnering Program discussion

Complaints/Grievances

The 4 complaints received since the last meeting were from two individual stakeholders:

- The complaints received relate to:
 - Blasting (3)
 - Driver behaviour (1)

Modification Proposal Update

SG advised that on 22 July 2014, the DP&E made a Determination and provided revised Development Consent Conditions in response to the Modification Proposal. Whilst Barrick is in the process of reviewing the new requirements, the following are of key significance to the CEMCC:

- Increased environmental monitoring from bi-annually to quarterly. NP stated that it was a key role of the CEMCC to verify monitoring and ensure adequate reporting on environmental issues by Barrick. At no time have the CEMCC expressed any dissatisfaction with the current monitoring and reporting processes, so why have the DP&E doubled the requirements?

MMH

MMH suggested that correspondence be drafted to DP&E noting the changes and stating that the CEMCC feels the previous standard is sufficient.

- SG also discussed new reporting process for complaints and grievances. Complaints/grievances are to be reported monthly, and displayed on the Barrick website. Despite there being no requirement for complaint reports to be published on the Bland Shire Council website, SG said that Barrick would continue to make reports available by this method.

Cowal Partnering Program – An overview of recent activities to promote the new system of funding rounds, including information sessions, advertising and local news media articles.

Ten proposals were discussed:

- Community Mental Health Event – Bland Shire Council
- NAIDOC Celebration – West Wyalong Local Aboriginal Land Council
- Hear the Bush Beat – Burcher Progress Association
- Mining Along the Lachlan – Condobolin and District Historical Society
- Bland Shire Children and Youth Mental Health Program – Murrumbidgee Local Health District
- Harmony – Wyalong Public School
- Safety, Health and Work – Havannah House
- Equipment Upgrade – West Wyalong Men's Shed
- Rural Women and Youth in Agriculture – Central West Farming Systems
- Joey Reading Group – Born to Read

There was discussion over all proposals, with positive comments and recommendations from the Committee.

<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 Rehabilitation Management Plan (RMP) would be sent to all CEMCC Members for review, as would the Independent Monitoring Panel Report.</p>	
<p>6.0 General Business</p> <p>SG discussed the Future Land Use Advisory Committee (FLUAC), which would be formed to discuss options use of Barrick land, following closure. The Committee would be made up of impacted stakeholders, including local landholders, Wiradjuri representatives, Council and the LCF.</p> <p>BM asked if FLUAC discussions will include the borefields, and SG said this issue would be discussed, but any negotiation would be around the existing easement agreements.</p> <p>AS said that there were family burial plots on Barrick land, and that while Barrick gave free access, he wanted to ensure this continued after Barrick left.</p> <p>The Social Impact Assessment was also discussed, and SG stated that Barrick did not want to release the SIA prior to the determination of the Modification. Bland Shire Council has recently formed a Committee to address the issues within the SIA, and that Barrick was involved in that Committee.</p>	
<p>7.0 Meeting Closed – 11.10am</p>	
<p>8.0 Next Meeting</p> <p>Wednesday 3rd December 2014, at the Lake Cowal Conservation Centre.</p>	

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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***
- ***Member of the Ministers' Arbitration Panel***

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, Mr 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

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

Terry Williams – 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

DRAFT

Driven by Returns



CEMCC – Community Relations Update

Wednesday, 3 September 2014

Community Relations



- Community Relations Team activities
- Wiradjuri update
- Complaints/Grievances
- Modification Proposal Update
- Upcoming activities
- Cowal Partnering Program

Activities since the last CEMCC Meeting:

- Attended West Wyalong Business Evening – hosted by Bland Shire Council
- Quarterly CPCC and ETBC Meetings with Wiradjuri Condobolin Corporation
- Hosted three community information sessions regarding the Cowal Partnering Program in West Wyalong, Forbes and Condobolin
- Presentation to Endeavour Scholarship recipients at Forbes High School
- Attended meeting and dinner with Riverina LLS Board during their visit to West Wyalong
- Spoke at the West Wyalong CanAssist AGM
- Received 18 applications for the first round of the new Cowal Partnering Program

3

Wiradjuri Update

- Conducted Quarterly ETBC and CPCC Meetings
- Worked with the WCC on commencing a traineeship in Tourism and Events Management to be based at the Wiradjuri Study Centre – looking to commence employment by our next meeting

4

- CGM received four (4) complaints since the last meeting of the CEMCC which was held on 4 June 2014.
- The four complaints received relate to:
 - Driver behaviour: 1
 - Blasting: 3
- The complaints were from a selection of stakeholders:
 - Complainant A: 50% (2)
 - Complainant B: 50% (2)

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Blasting x 3:

- Barrick received three complaints regarding blasting.
- On all three occasions, Barrick spoke with the complainants and undertook to provide blast monitoring data to the complainant via email.
- For the three blasting events which triggered complaints, all were found to have complied with the Blasting Impact Criteria described in the CGM Development Consent.
 - *Peak Ground Vibrations: 0.24 mm/s*
 - *Peak Overpressure: 105.5 dB(Lin)*
- On each occasion, the Complainants were 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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Driver Behaviour:

- Barrick received one complaint from a nearby resident enquiring about employees using Bogeys Island Road – the Complainant believed that mine employees were not permitted to use that road.
- Barrick's representative advised that the recent approval of Barrick's Modification application included a condition that required the ongoing use of Bogeys Island Road.
- The Complainant acknowledged this and asked that employees be reminded to show courtesy to other drivers by slowing down when passing on unsealed roads.
- CGM's General Manager included a reminder about courteous driving for all employees in his weekly e-newsletter.

7

- The Department of Planning and Environment issued its Determination (approval) of Barrick's proposed Modification of its Development Consent on 22 July 2014.
- The Department took the opportunity to review all Development Consent Conditions for the operation and new requirements were issued with the Notice of Determination.
- Barrick is reviewing the updated conditions with a view to ensuring ongoing compliance.

8

Cowal Partnering Program Application Round 2 2014



9

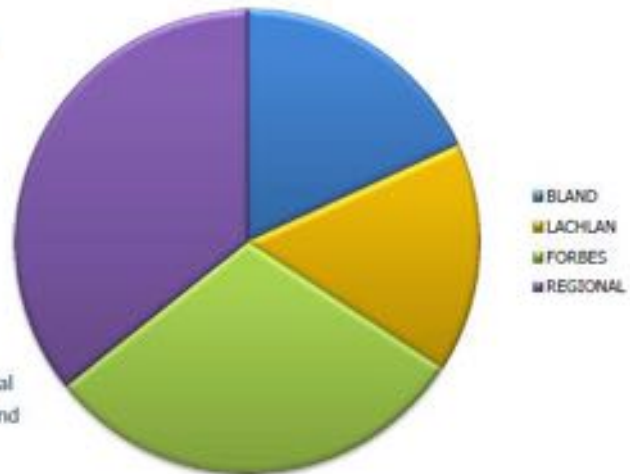
Changes to the CPP

- In recent months we have undertaken a number of activities to raise awareness of the Program including:
 - Revised old guidelines and development of a new factsheet. This factsheet was distributed to approximately 55 community organisations across the region.
 - Advertising and media articles in local newspapers to advise of new rounds process and invite attendance to information sessions.
 - Information sessions held in each Shire. These were designed to reach organisations we had not previously dealt with and give the opportunity for people to speak directly with CR Team about their specific group/program.
 - Included an article about changes in the July edition of the Cowal Update.

10

Current Status of CPP

- Expended approximately \$107,000 to date in 2014.
- Division of funds:
 - Bland Shire - \$19,500
 - Lachlan Shire - \$17,200
 - Forbes Shire - \$32,422
 - Regional - \$38,372



Note: Regional includes Murrumbidgee Local Mental Health Youth Worker, Wiradjuri Council of Elders and support for events in Ardlethan

11

New applications

10 new applications for discussion:

- Community Mental Health Event – Bland Shire Council
- NAIDOC Celebration – West Wyalong Local Aboriginal Land Council
- Hear the Bush Beat – Burcher Progress Association
- Mining Along the Lachlan – Condobolin and District Historical Society
- Bland Shire Children and Youth Mental Health Program – Murrumbidgee Local Health District
- Harmony – Wyalong Public School
- Safety, Health and Work – Havannah House
- Equipment Upgrade – West Wyalong Men's Shed
- Rural Women and Youth in Agriculture – Central West Farming Systems
- Joey Reading Group – Born to Read

12

COMMUNITY MENTAL HEALTH EVENT

Project Summary:

Mental Health awareness event will strive to create a fundamental long-term change in attitudes toward mental health in the Bland Shire and surrounding areas, breakdown stigma and barriers to treatment access and supports within the community.

With a scope to connect with and affect a large number of Bland Shire community members, the event will center on instilling an awareness of the mental health issues that are being experienced by the greater community, with special attention paid to suicide and identification of the early warning signs and symptoms.

Organisational Summary:

Bland Shire Council

Amount requested: \$2,500

13

West Wyalong Local Aboriginal Land Council

NAIDOC CELEBRATION

Project Summary:

The WWLALC has partnered with the Bland Shire Council to celebrate NAIDOC and indigenous culture. This will include dancers, artists, cultural educators, static displays from service providers, face painting and cultural demonstrations. We are wanting to promote unity, acceptance and understanding.

Organisational Summary:

The WWLALC was established in 1983 and has undergone major reform over the past 31 years, with Governance and accountability the main focus under NSW legislation changes. The WWLALC, in accordance with the Aboriginal Land Rights Act 1983, aim to acquire land and to use, manage, control, hold or dispose of, or otherwise deal with land vested in or acquired by the Council. We also provide specialist advice to community upon request regarding cultural and heritage and promote awareness in the community.

Amount requested: \$1,500

14

MINING ALONG THE LACHLAN

Project Summary:

A permanent exhibition space exploring mining and its role in developing the Lachlan Shire. It will be mounted in a "Big Book" display unit, holding c. 10sq. meters of content. This will be Stage one in the development of a more expansive portrayal of the mining industry in the newly opened Condobolin & District Museum.

Organisational Summary:

The Condobolin & District Historical Museum has c. 70 volunteer members. Newly established, it is housed in the refurbished 1910 Shire Building in the Main Street. The Lachlan Shire Council owns the building, which has been leased free of rent and outgoings to the museum for an initial 10 years.

Amount requested: \$1,200

15

"HARMONY"

Project Summary:

The project will encompass student learning and appreciation of Aboriginal culture and the environment, through the construction of a suitable outdoor classroom and facilities

The students will gain knowledge about bush tucker plants, dreamtime stories, Wiradjuri culture, mural painting and art work. It is an opportunity for the students and the West Wyalong Local Aboriginal Land Council to work together and forge a relationship.

The designated area would be developed as an outdoor classroom and an area of reflection and mindfulness.

Organisational Summary:

Wyalong Public School also known as 'TOPPY' is situated within the rural setting of West Wyalong, parallel to the Newell Highway. In 2012 Students attending the school resided in West Wyalong, Wyalong or commuted from other rural settings. The student population in 2012 was 55 in total.

Amount requested: \$4,000

16

West Wyalong Men's Shed



EQUIPMENT UPGRADE

Project Summary:

At present, we have a large and varied selection of tools in our workshop, mostly deceased estate and throw aways, which can be both blunt and dangerous.

The electric tools are very noisy and create a lot of dust. We must upgrade our tools for the safety of our members and to support our efforts to become sustainable through providing services to other organizations and events in the Bland Shire.

Organisational Summary:

West Wyalong Men's Shed was established in 2012, with the assistance of Bland Shire Council and Barrick Cowal Gold Mine. Men's Sheds are designed to encourage good health, based on many factors including feeling good about yourself, being productive and valuable to your community, connecting to friends and maintaining an active body and an active mind. Becoming a member of a Men's Shed gives a man that safe and busy environment where he can find many of these things in an atmosphere of old-fashioned mate ship. And, importantly, there is no pressure. Men can just come and have a yarn and a cuppa if that is all they're looking for.

Amount requested: \$4,500

17

Central West Farming Systems



RURAL WOMEN AND YOUTH IN AGRICULTURE

Project Summary:

The project aims to up skill and increase awareness of sustainability in agriculture by encouraging women and youth to participate more fully in all aspects of the industry. From the CWFS Women and Youth Conference, it was identified that there are a number of barriers for youth and women to work in the agricultural area and by targeting this demographic, through education, skills and decision making tools, it will increase participation.

A number of workshops are designed around marketing, communication, livestock, soil health and new technology. Visiting local industries such as MSM Milling and Manildra Grain will help participants understand the components in the value chain from paddock to plate.

Organisational Summary:

Central West Farming Systems (CWFS) is an independent, not-for-profit, farmer driven organization. We operate in an area covering 14 million hectares in the lower rainfall, mixed farming areas of Central West NSW (350-500mm rainfall). Formed in 1998, the group now boasts over 400 members made up primarily of farmers but also private and public sector advisers, researchers and agribusiness.

Our primary goals are to increase information delivery to our members, farmers and the community, through our highly reputable publications, field days and workshops presented to farmers and industry advisors

Amount requested: \$5,000

18

HEAR THE BUSH BEAT

Project Summary:

A local event in Burcher, designed to encourage tourism and local economic development. The event will feature music (Mental As Anything), activities for children and families and will be a celebration of rural life.

Organisational Summary:

Burcher Progress Association is an active community group that aims to raise the profile of the rural village of Burcher through events (Poppers in the Pines) and generating revenue for maintenance of the Burcher Hall and other amenities. Ultimately, the organisation is seeking to develop facilities for tourists, caravans and campervans to further improve the sustainability of the village.

Amount requested: \$7,000

19

JOEY READER CLUB

Project Summary:

The Joey Readers Club is an initiative for children aged 0-5. Parents/carers are given the opportunity to join their children in this club usually by the children's health nurse following the birth of their baby. Then, as members of the Joey Reader Club, the child is sent a book gift on each birthday that encourages and promotes the importance of reading. Each gift is valued at approximately \$10.00.

Organisational Summary:

Born to Read is a not-for-profit community organisation that promotes the importance of reading to children from birth. All members are volunteers and there is no paid staff. The organisation was formed in 2004, with a need to promote the importance of parents/carers ensuring that they have positive interactions with their children, in a language rich reading environment.

Amount requested: \$7,500 over three years

20

BLAND SHIRE CHILD AND YOUTH MENTAL HEALTH PROGRAM

Project Summary:

A continued partnership with Barrick Gold will enable the Temora MHDA Services to focus on the needs of the schools within the Bland LGA. This project will specifically utilize the FRIENDS group program to build resilience in students to protect them from anxiety and depression. This would specifically target schools within the Bland Shire and would include weekly on-site visits and group sessions with students.

The Project Worker will facilitate referral of students to appropriate services.

Organisational Summary:

The Murrumbidgee Local Health District provides health services across the Riverina Murrumbidgee region. The Temora Mental Health Drug and Alcohol (MHDA) Services provide assessment and support for children, adolescents and older people with mental health and substance misuse problems across Temora, Junee, Coolamon and Bland LGAs.

The Temora MHDA Child and Youth Mental Health Promotion Worker acts as a link between schools, parents, students and MDHA Services.

Amount requested: \$47,992 over three years

21

SAFETY, HEALTH & WORK

Project Summary:

In order to meet Local Council Health and Safety Regulations so that it can continue to provide this service it must complete a number of activities. In this project we wish to undertake a partnership with the Cowal Partnering Program initially to install a fire escape which meets building code standards, install entry ramp and hand rail (first year of project), and to provide a disabled toilet and shower in the second year, with the remaining cost to be met by Havannah House. In the third year, we would like to complete Kitchen/Office bathroom upgrades. These last activities would make a more efficient and pleasant place to work and to live.

It will also ensure its continued long term sustainability.

Organisational Summary:

Havannah House offers an important service to the Forbes and surrounding communities providing crisis accommodation, support and counselling to needy individuals and families. Services include:

- Short, medium, and long term accommodation for individuals and families in need.
- Rehabilitation programs
- Assistance/support/education toward employment.

Havannah House Ministries also works various Welfare Agencies including DOC's, Police, Yoorana Gunya, Binaal Billa, Department of Housing, St Vincent de Paul, and the Women's Refuge., and is an approved placement for clients under the authority of the Parole Board for Community Service. It services Forbes, Parkes, West Wyalong, Condobolin, Cowra and Orange and has clients come from interstate seeking help.

Amount requested: \$40,000 over three years

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Cowal Gold Project
Environmental Management
CEMCC Meeting 03 September 2014

Environmental Management Overview

- Environmental Policy (August 2013)
- Environmental Incidents
- Environmental Summary
- Government Interactions
- Cyanide Management
- 2014 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, I 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 employees, their families, and our neighboring 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 employees 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 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.

Jamie Sokader
President and CEO
August 2013



Environmental Incidents

■ Reportable Incidents

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

■ June 2014

- 1 Pelican – Lake foreshore standby boat track accessway.
- 2 Welcome Swallows – fallen to concrete floors.

■ Nil (0) native animal rescued – . WIRE Calls.

■ Pest Control:

- Monitoring feral cats numbers.
- Mouse baiting continuing. No mice since 2012 mini-plague.
- No 1080 Fox baiting since end-2012. Resuming 08 September 2014 – Rabbits too.

■ **Mutual Aid:** Two (2) – Galah – Tallimba house; Pied Butcher Bird – Lake Cowal fence. WIRE.

- 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**



WIRE
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Environmental Incidents

Reportable Incidents

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

July 2014

- 1 Welcome Swallow – Exploration Geology Core Shed No 2
- 2 Welcome Swallow – Processing Plant Oxygen Tanks – predation by other bird.
- 2 Stubble Quail – Processing Plant Oxygen Tanks – predation by other bird.
- 1 Hoary-headed Grebe – Processing Plant Oxygen Tanks – predation by other bird.
- 1 Gould's wattled Bat – Processing Plant Oxygen Tanks – predation by other bird.
- 1 Barn Owl – bitumen access road.
- 1 Grey Kangaroo – bitumen access road.
- 1 Hoary-headed Grebe – Pond D5 vehicle impact – haul road.
- 1 Crested Pigeon – Admin main car park.
- 2 Australian Magpies – bitumen access road.

- Two (2) native animals rescued - x1 Brown Snake; x1 Long-necked Turtle - WIRE.
- Pest Control:
 - One 5.5 kg feral cat – euthanased by Vet.
 - No 1080 Fox baiting since end-2012. Resuming 08 September 2014 – Rabbits too.
- **Mutual Aid:** Nil (0) – requests - WIRE.

- 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.




August 2014

- 1 Stubble Quail – Processing Plant Oxygen Tanks – predation by other bird.
- 1 Stubble Quail – Processing Flotation Tank area - predation by other bird.
- 2 Welcome Swallow – Processing Leach Tank area concrete floor – flight errors.
- 1 Galah – Processing Plant upper decking – flight error.

- Nil (0) native animals rescued - . WIRE.
- Pest Control:
 - Two 4.5 kg and One 3.9 kg feral cats – euthanased by Vet.
 - 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 - WIRE.

- 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.

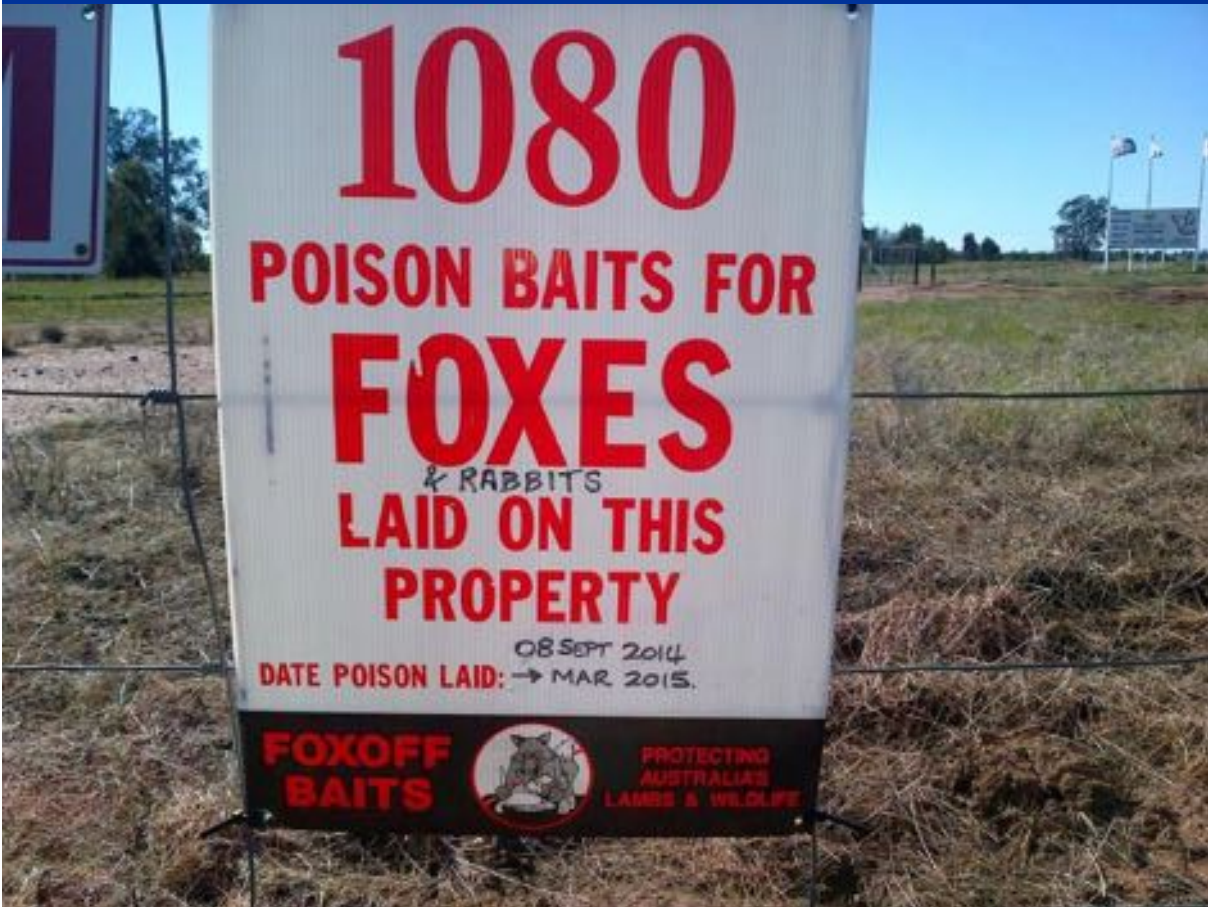
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Environmental Incidents

- **Reportable Incidents**
All incidents related to death of native fauna on the mining lease.
- **September 2014**
 - 1 Tawny Frogmouth – bitumen access road.
 - 1 Myall (Curl) Snake – Exploration Geology gravel access road.
 - -
 - Nil (0) native animals rescued - . WIRES.
 - Pest Control:
 - Addressing feral cats numbers – three traps running (bacon, salmon, Dine, KFC).
 - 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.



Sat Image February 2014 Lake level (2010 – 2014)



Environmental Summary

- Draft new MOP reviewed with DRE (14 August). Lodged.
 - Have a written extension until end-January 2015 (accommodation of 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.

Environmental Summary

Prior business item approved without comment from the CEMCC (26 June 2013).

MOD11:

- **ROMP** split and renamed as **RMP** and **BOMP**.
- Strategy for **Long-term Land Use Strategy** –
 - Renamed as **Rehabilitation Strategy** - required to be prepared in consultation with the NOW, OEH, CEMCC & BSC - approval by DP&E.
 - CEMCC Members will receive draft RMP in near future.

Regulatory Inspections

- s75W Closure Security Bond Review (20 April 2010)
 - Bonded amount at AUD 63.5 million from July 2009.
 - Model re-run July 2010, July 2011 – adequate security; and
 - AUD 63.3 million (May 2012) – adequate Security.
 - AUD 61.8 million (August 2013) – adequate Security.
 - Added extra 230 ha Offset in MOD11. Reviewing Bond.
- Varied EPL11912 in effect from 21 May 2014
 - Lodged AER on 20 February 2014 with cheque;
 - Monthly EPL required PIRMP data;
 - Lake Cowal below 204.50 m RL monitoring trigger; &
 - MOD11 variation request of EPL to follow Review.



SWE south (Jan – May 2014)



PWE s-east (Sept 2014)



Regulatory Inspections

- 9th Independent Monitoring Panel (Oct 2013):
 - received October 2013 SoE report from DP&E by IMP on 2 June 2014.
 - IMP visiting 9-10 Sept 2014 – 10th annual visit.
- All relevant govt depts 2014 visit
 - 2013 AEMR dispatched to stakeholders on 12 August;
 - DRE Inspectors x2 visit 09 Sept.; and
 - Govt review visit 10 Sept. 2014 (EPA, DRE).



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 19 November. All EMPs, EIS, EA, as per DC will be on www.



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North Pond D1 Trials 2011...2013

As per IMP 2010 recommendation:

- NWE Pond D1 trials.



May 2014



		2011	2012			
Layer 1: Topsoil/Depth	4 Batter	200mm 2012 Topsoil	150mm 2013 Topsoil			
	3 Batter					
	2 Batter					
	1 Batter					
Layer 2: Rip treatment	4 Batter	Straw	NPH	Straw		
	3 Batter		Straw		NPH	
	2 Batter	NPH		NPH	Straw	
	1 Batter	Straw	NPH	Straw	NPH	
Layer 3: Subsoil	4 Batter	T	T	T	T	
	3 Batter	T	T	T	T	
	2 Batter	T	T	T	T	
	1 Batter	T	T	T	T	
		80m				20m

Northern Pond D1 Trials

		2012/Reworked 2011	*2012	2011/Reworked 2011	2011/Reworked 2011	*2012	2012/Reworked 2011	2013	2013					
Layer 1: Topsoil/Depth	4 Batter	200mm 2012 Topsoil reworked 2011	100mm 2012	200mm 2012 Topsoil reworked 2011	200mm 2012 Reworked Topsoil	150mm 2012	150mm 2012 Topsoil Reworked 2011	200mm 2012 Topsoil	150mm 2012 Topsoil					
	3 Batter													
	2 Batter													
	1 Batter													
Layer 2: Rip treatment	4 Batter	No Rip	Straw (2012)	No Rip	No Rip	Straw (2012)	No Rip	No Rip	Straw NPH Straw NPH					
	3 Batter								NPH Straw NPH Straw					
	2 Batter								Straw NPH Straw NPH					
	1 Batter													
Layer 3: Subsoil	4 Batter	T	T	T	T	T	T	T	T					
	3 Batter	T	T	T	T	T	T	T	T					
	2 Batter	T	T	T	T	T	T	T	T					
	1 Batter	T	T	T	T	T	T	T	T					
		30m				30m				80m				20m
		120m				120m								

2,000 native tube stock

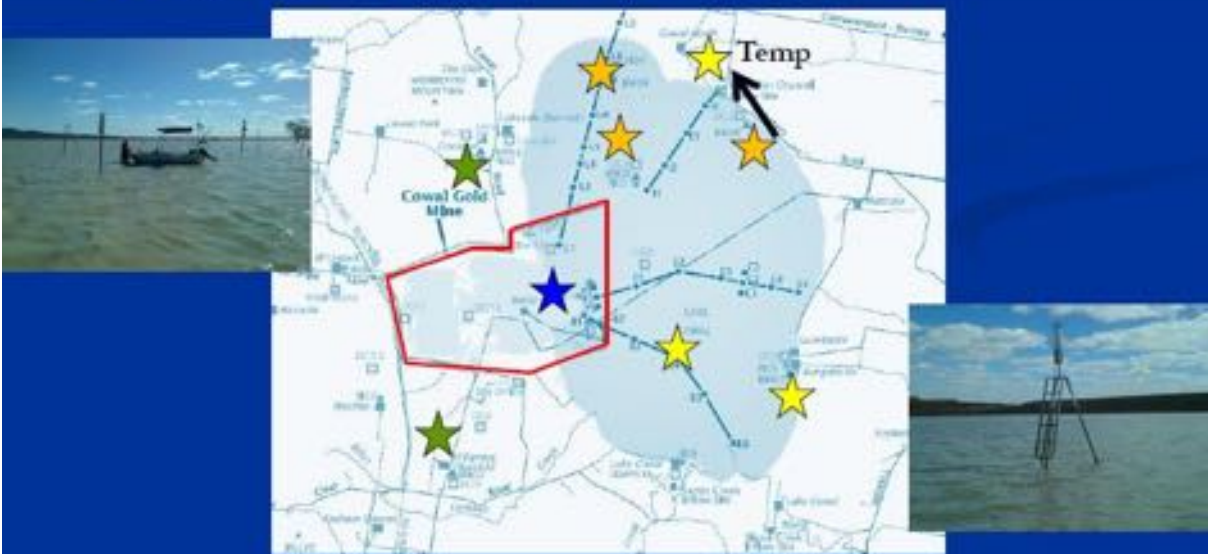


29 August 2014



Environmental Summary

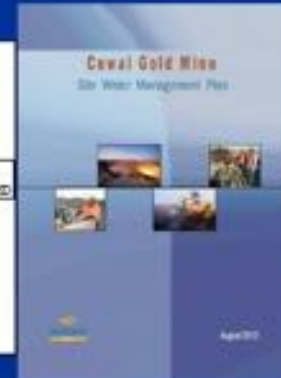
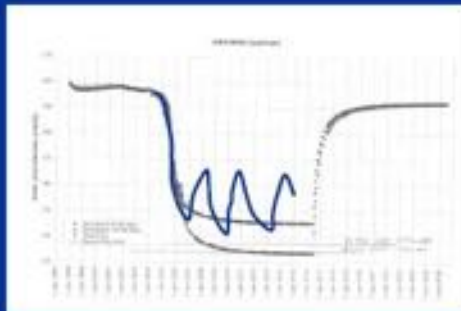
- Lake Blast loggers working well. SAROS mtce in Oct 2014.
- Blast activities - 100% compliance with 120 dB(L).
 - Ongoing communications with neighbours.



Water Supply

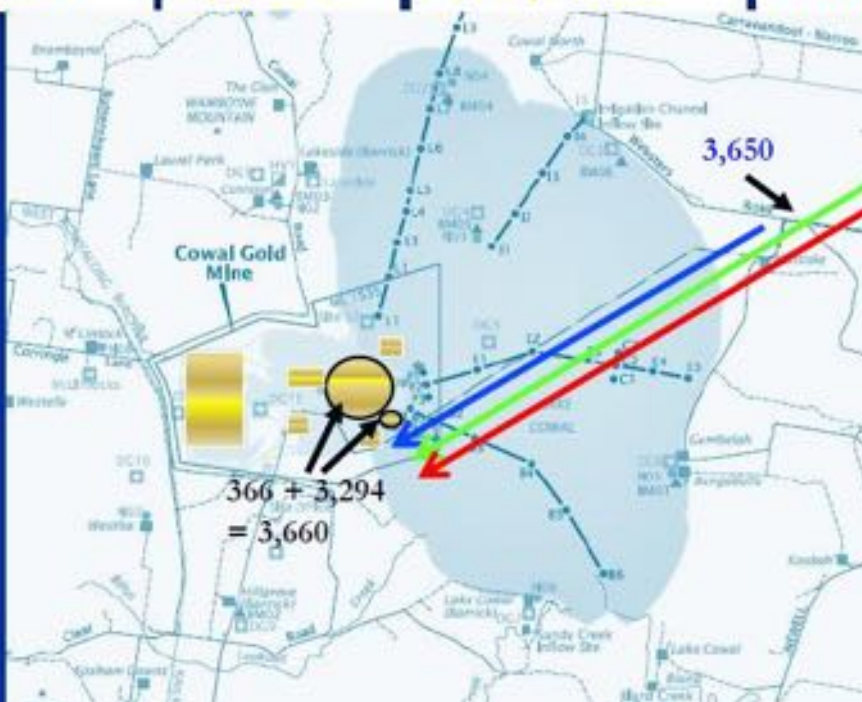


- Pond D9 half full (capacity of 690ML).
- 2,000 ML High Security Lachlan Reg Rv water in 2013.
- Saline water started (ESB). New RO Plant running.

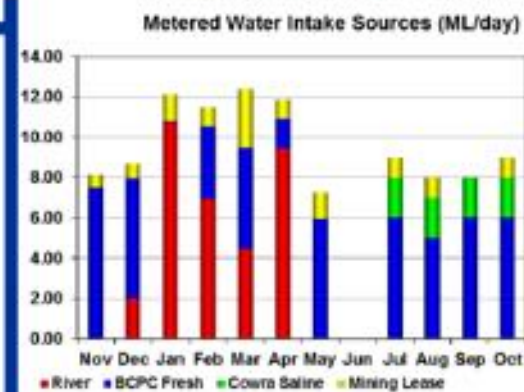
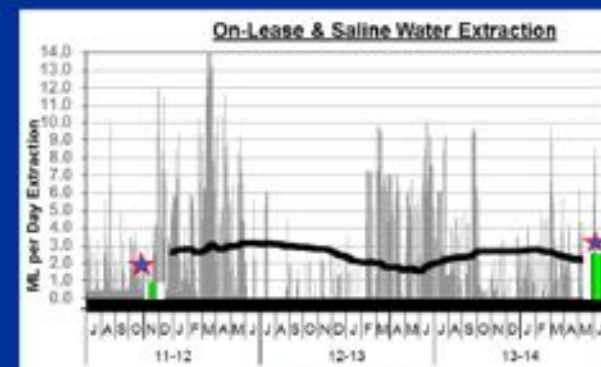
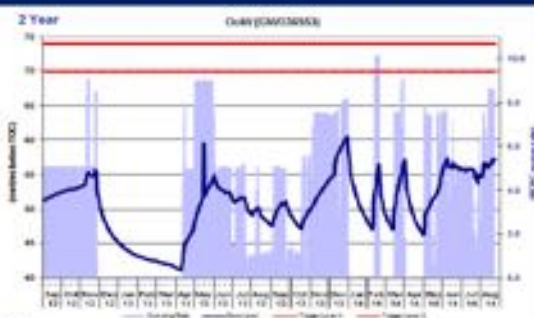
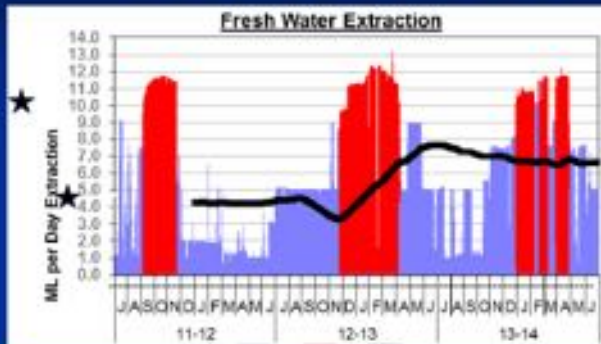


Groundwater Sources

- ESB
- BCPC
- Pit/ Rain
- River

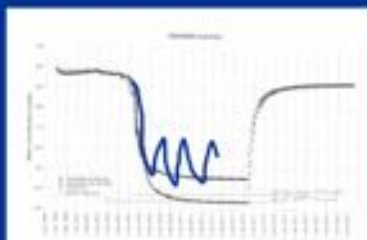
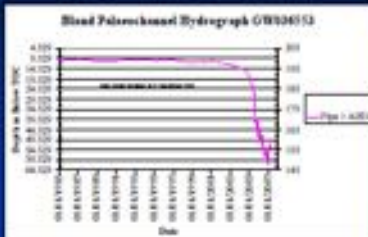


Fresh Water Intake Reduction



Environmental Summary

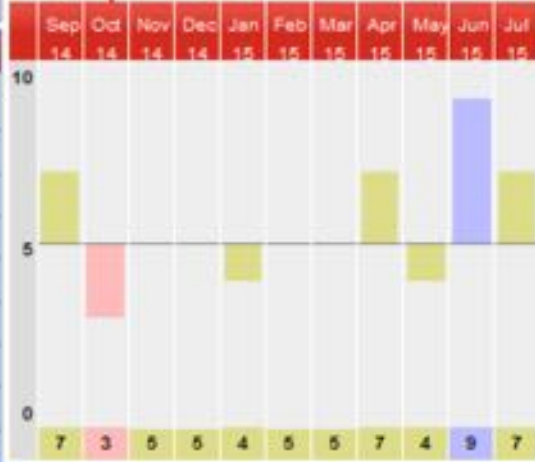
Drought or not?



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

Weather forecast 2014

CW Slopes & Plains 12-month rainfall forecast



eldersweather.com.au

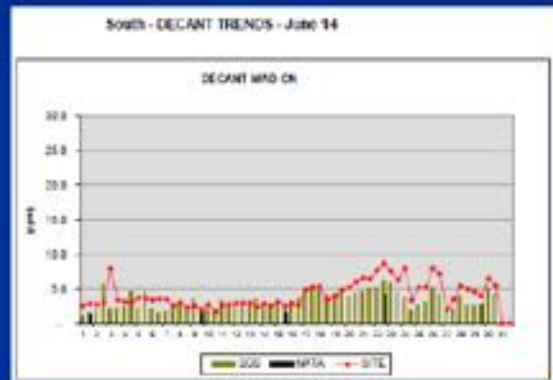
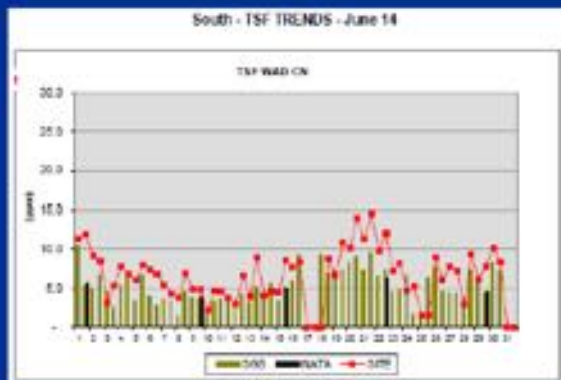
Rainfall deciles	
10	Well above normal
9-9	Above normal
4-7	Near normal
2-3	Below normal
1	Well below normal

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.

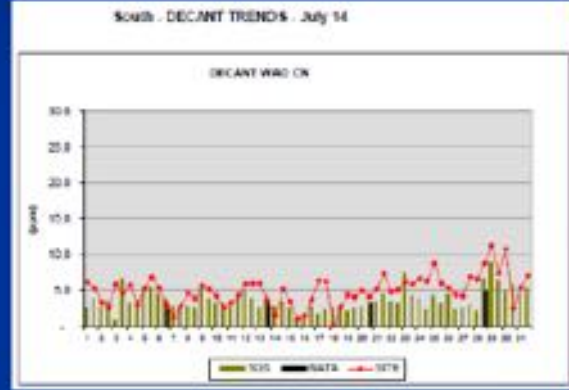
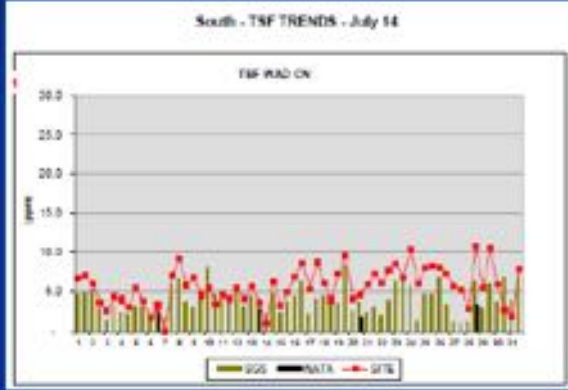
Cyanide Monitoring Results

June 2014 – TSF - Decant



Cyanide Monitoring Results

July 2014 – TSF - Decant



Cyanide Monitoring Results

August 2014 – TSF - Decant

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

Env Dept Happenings



Team Cowal – Enviros

- 2014 targets in progress

Environmental Management
**RESPONSIBLE
 MINING**
 Cowal Gold Mine 2014

Continual improvement

AP1	Measure	Status
Standards Implementation	Biodiversity	●
	Climate Change	●
	Environmental Incident Reporting	●
	Water Conservation	●
	Mine Closure	●
Closure	Reclamation Cost Estimate	●
	Closure Plan	●
EMS	Major Non-conformances	●
Cyanide Code (Audit 19-21 Nov 2013)		●
Certified to ISO 14001:2004		●



Member's info supply

September 2014 meeting:

- CGM 2013 AEMR (12 August 2014);
- IMP October 2013 report – received 2013 SoE report from DP&E on 2 June 2014; &
- Barrick Toronto direct link to the Cowal web page:

<http://www.barrick.com/operations/australia/cowal>

Look Ahead Key Environmental Issues



- E42 Modification (H-Cutback) works – EMPs stakeholders.
- October 2014 ambient noise survey.
- ERM-CVS surveillance audit (27-30 Oct) ISO 14001.
- Ongoing rehabilitation trial & maintenance works
- Next CEMCC Meeting (03 December 2014).

BARRICK BARRICK'S VISION is to be the world's best cost efficient company by operating in a safe, profitable and responsible manner.				
STRATEGIC OBJECTIVES				
People and Performance	Enhance the Operating	Maximise the Environmental	Minimise the Financial	Control the Risk Profile
Attract, develop and retain the best talent to drive performance and innovation.	Improve operational performance through innovation and continuous improvement.	Reduce environmental impact through responsible resource use and waste management.	Maximise shareholder value through responsible financial management and cost control.	Identify and mitigate risks to ensure long-term sustainable value creation.
2014 PRIORITIES Strengthen Barrick for Growth Advantage				
Focus on safety and operational excellence to drive performance and innovation.	Improve operational performance through innovation and continuous improvement.	Reduce environmental impact through responsible resource use and waste management.	Maximise shareholder value through responsible financial management and cost control.	Identify and mitigate risks to ensure long-term sustainable value creation.
2014 GOALS				
Improve safety and operational performance.	Reduce environmental impact through responsible resource use and waste management.	Maximise shareholder value through responsible financial management and cost control.	Identify and mitigate risks to ensure long-term sustainable value creation.	Improve operational performance through innovation and continuous improvement.



- Integrity
- Respect and Open Communications
- Responsibility and Accountability
- Teamwork
- Create Shareholder Value

DRAFT