

MINUTES OF MEETING

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

Wednesday 2 December 2015

9.00 am – Wiradjuri Study Centre, Condobolin

Minutes taken by: Elliot Willemsen-Bell

Attendees:

Independent Chair:	Margaret MacDonald-Hill (MMH)
Evolution:	Garry Pearson (GP), Elliot Willemsen-Bell (EWB)
Community Members:	Angus Stitt (AS), Lucy Buttenshaw (LB),
Bland Shire Council:	Neil Pokoney (NP), Leanne Hampton (LH)
Forbes Shire Council:	Brian Mattiske (BM)
Lachlan Shire Council:	Graham Scott (GS)
Lake Cowal Landowners Association:	Bruce Dent (BD)
Wiradjuri Condobolin Corporation:	Ally Coe (AC)

Apologies: Graeme Miller, Jenene McGrath, Dave Carter, Jason Floyd

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.</p> <p>For a full Declaration of Interest for all members, see Attachment A</p>	
<p>3.0 Confirmation of Previous Minutes</p> <p>Moved by Lucy Buttenshaw, seconded by Angus Stitt</p>	
<p>4.0 Business Arising from previous Minutes</p> <p>Nil</p>	
<p>5.0 Correspondence</p> <p>In 30/9/15 - email from Daryl Nielsen (resignation)</p>	

<p>13/10/15 - email from GP Evolution NF&O Incident Report 28/10/2015 – email from GP Evolution attaching 11th IMP report 18/11/15 - email from GP Evolution NF&O Incident Report</p> <p>Out 28/10/2015 – email to CEMCC attached 11th IMP report</p>	
<p>6.0 Reports</p> <p>Garry Pearson provided a detailed account of Cowal Gold Operation’s Environment Department Activities over the past three months – See the attached presentation for more information (Attachment C).</p> <p>The presentation also included:</p> <ul style="list-style-type: none"> • Detail on the Review of Environmental Factors (REF) for exploratory Drill program that is scheduled to commence in late 2015 and continue into 2016 • Results of recent ISO14001 Audit • Results of recent International Cyanide Management Code health check <p>Garry Pearson also provided a brief update on the Lake Cowal Foundation, following the recent AGM. He advised the CEMCC that Simon Delander (General Manager, Health, Safety, Environment and Risk, Evolution Mining) had joined the LCF Board. He also said that the organization was in the process of identifying a replacement for Dr. Daryl Nielsen.</p> <p>Elliot Willemsen-Bell provided a detailed account of Cowal Gold Operation’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"> • Activities since last CEMCC • Complaints/Grievances • Upcoming activities <p>Complaints/Grievances</p> <p>The 2 complaints received since the last meeting:</p> <ol style="list-style-type: none"> 1. Complaint received regarding noise. Complainant heard “low grinding noise” at approximately 02:00 on 13 November 2. Complaint received regarding access to blast monitor on private property without notifying landholder on 1 December. <p>Further discussion around structure of Community Relations Team and engagement plans for 2016.</p>	
<p>7.0 General Business</p>	

Nil	
8.0 Meeting Closed – 10:35 am	
9.0 Next Meeting Wednesday 2 March at the Cowal Gold Mine Corporate representatives from Evolution Mining will be invited to attend. 2016 Meeting Dates: <ul style="list-style-type: none">• 2 March• 1 June• 31 August (TBC)• 7 December	

DRAFT

ATTACHMENT A – CEMCC MEMBERS’ DECLARATIONS OF INTEREST

DRAFT

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

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

Graham Scott – Lachlan Shire Council Representative

- Evolution Mining has been a ratepayer within the Lachlan Shire
- Evolution Mining is a customer (subscriptions and advertising) of The Lachlander newspaper, of which, Cr Scott is the Editor
- Evolution Mining has entered into a Roads Maintenance MOU with Lachlan Shire Council
- Evolution Mining has provided financial support for certain community events, initiatives, and infrastructure operated by the Lachlan Shire Council

Brian Mattiske – Forbes Shire Council Representative

- Evolution Mining is a ratepayer within the Forbes Shire
- Evolution Mining pays annual easement payments to the Forbes Shire Council for properties owned by Council

- Evolution Mining pays annual easement payments to entities which Mr Mattiske maintains a financial interest in for properties owned by those entities
- Evolution Mining pays an annual fee for Temporary Water Transfer Agreements to entities which Mr Mattiske maintains a financial interest
- Evolution Mining has provided financial support for certain community events, initiatives, and infrastructure operated by the Forbes Shire Council

Graeme Miller – Forbes Shire Council Representative

- Evolution Mining is a ratepayer within the Forbes Shire
- Evolution Mining pays annual easement payments to the Forbes Shire Council for properties owned by Council
- Evolution Mining has provided financial support for certain community events, initiatives, and infrastructure operated by the Forbes Shire Council

Ally Coe – Wiradjuri Condobolin Corporation

- Wiradjuri Condobolin Corporation receives compensation payments in accordance with Native Title requirements
- Wiradjuri Condobolin Corporation is a contractor to Evolution Mining at the Cowal Gold Project

Cowal Gold Operations

Environmental Management

CEMCC



2 December 2015

www.evolutionmining.com.au/Cowal/



Evolution
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Environmental Management Overview



- Environment and Sustainability Policy
- Environmental Incidents
- Environmental Summary
- Government Interactions
- Cyanide Management
- 2016 Look Ahead

Environment and Sustainability Policy



Evolution Mining Limited ("Evolution Mining" or the "Company") is committed to attaining an outstanding level of environmental performance in all of our workplaces.

Evolution Mining shall incorporate environmental considerations into all areas of our business to effectively manage environmental impacts and risks.

Our environmental care and culture will be formed on the basis of:

- Commitment to this Policy, with supportive funding and a belief that the majority of environmental incidents are preventable and controllable with foresight, relevant training, purposeful attitude and appropriate equipment
- Accountability of Management with the support of all personnel to ensure that the workplace and the practices comply with statutory and license conditions
- Implementing leading industry practices and environmental management systems at all levels; including exploration, development, operations, decommissioning, closure and rehabilitation
- Regular assessment of the environmental performance of the Company's activities to ensure compliance with the Company's commitments and conditions; and to report findings to stakeholders, the community and regulatory authorities
- Continually striving to identify opportunities to effectively manage energy and water whilst minimising waste and reducing our environmental footprint
- Increasing awareness of personnel on the potential environment impacts of activities in which we are involved, and how those impacts can be minimised or controlled
- Maintaining appropriate emergency and critical incident response programs, and to notify the relevant authority in the event of any reportable environmental incident; and
- Contribute to conservation of biodiversity and integrated approaches to land use.

Periodical review shall ensure that Company targets and objectives are being achieved in regards to environmental performance.

A handwritten signature in black ink, appearing to read "J. Klein".

Jake Klein
Executive Chairman

Issue Date:
February 2015

Environmental Incidents

▪ Reportable Incidents

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

▪ September 2015

- 1 Nankeen Kestrel – Northern Haul Road ramp to NWRE.
- 1 Long-necked Turtle – on Northern Haul Road.
- 1 Australian Raven – Bitumen access road.
- 1 Bearded Dragon – Bitumen access road.

Two (2) native animal/s rescued - Carpet Python at NWRE; Microbat at Admin. WIRES.

Nil (0) feral animals euthanased – – WIRES.

Pest Control:

- Mouse baiting continuing. No mice since 2012 mini-plague.
- 1080 Fox baiting resumed 08 September 2014 (none since May 2015).
- Pindone baits for Rabbits (suspended for start of 2016 Year).

Mutual Aid: Two (1) request – x2 Microbats in fire wood (WWy) - 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**



Environmental Incidents

▪ Reportable Incidents

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

▪ October 2015

- 4 Microbats – EXC303 track idlers bottom of E42 Open Pit face.
- 1 Myall Snake – Western Haul Road.
- 1 Brown Snake – Bitumen access road.
- 2 Welcome Swallow – Leach Tank bund concrete floor/ Leach Sub steps.
- 2 Blue-tongue Lizard – bitumen access road.
- 1 Blue-bellied Black Snake – Western Mining Haul Road.
- 1 Australian Magpie – gravel access road to TSF area.
- 1 Australian Wood Duck – bitumen access road.
- 1 Wombat – already dead, stuck in TSF water flush discharge pipe.
- 1 Australian Wood Duck – bitumen access road.

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Seven (7) native animals rescued - Tiger Snake inside Plant; 2 Grey Kangaroos – STSF; 2 Brown Snakes – Process Plant; Tiger Snake – Mobile Mtce Shift office; Black Swan – Pit ramp. WIRES.

Pest Control:

- Addressing feral cats numbers.
- Mouse baiting stations continuing. Minimal mice since 2012 mini-plague.
- 1080 Fox baiting resumed 08 September 2014 (blue 1080 chicken wings).
- Pindone baits for Rabbits (green Pindone carrots).

Mutual Aid: Two (2) requests – Shingleback (Bellarwi); Long-necked Turtle 'Foxman Downs' - 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.

▪ November 2015

- 1 Legless Lizard – main admin car park, ambulance bay area.
- 1 Blue-tongue Lizard – bitumen access road.
- 2 Welcome Swallows – fallen, separated from parent / flight path error.
- 2 Apostlebirds – bitumen access road.
- 1 Australian Magpie – bitumen access road.
- 1 Brown Snake – bitumen access road.
- 1 Australia Wood Duck – Pond D6 floating, autolysed, predated upon.
- 1 Galah – bitumen access road.
- 1 Grey Kangaroo – female, deceased on Northern Diversion Bund road.

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Twenty Two (22) native animal rescued – x3 Long-necked Turtles; x2 Microbats; x1 Blue-bellied; x1 Brown; x1 Legless; x9 Pacific Black Ducklings; x1 Grey joey; x3 Welcome Swallow. WIRES Calls.

Pest Control:

- Addressing feral cats numbers.
- Mouse baiting continuing. Minimal mice since 2012 mini-plague.
- 1080 Fox baiting resumed 08 September 2014 (none since May 2015).
- Pindone baits for Rabbits (suspended for start of 2016 Year).

Mutual Aid: Five (5) – Barmedman Wombat; Galah; Tawny Frogmouth; Long-necked; Carpet Python.
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.

▪ December 2015

- 1 Buff Banded rail – flight path error into wall of Final Tails Thickener.

Nil (0) native animal rescued – . WIRES Calls.

Pest Control:

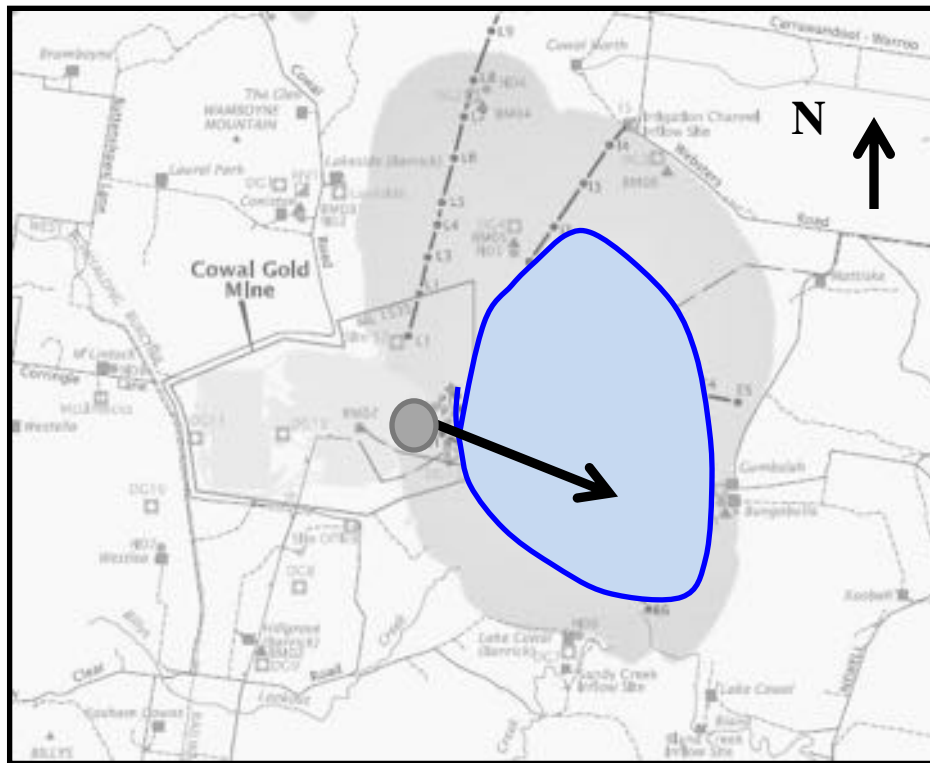
- Addressing feral cats numbers.
- Mouse baiting continuing. Minimal mice since 2012 mini-plague.
- 1080 Fox baiting resumed 08 September 2014 (none since May 2015).
- Pindone baits for Rabbits (suspended for start of 2016 Year).

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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September 2015 semi-Fill event



CGO Legal Compliance

NSW **DP&E** Development Consent – granted 26 February 1999
– MOD11 granted 22 July 2014

NSW DSIRD-**DRE** Mining Lease 1535 – granted 13 June 2003
– MOP (August 2014 - August 2016) approved October 2014

NSW **EPA** EPL11912 (last varied 4 February 2015)

NSW Office of Water (**NOW**) Water Access Licenses

- WAL 31864 (BCPC 3,650 ML)
- WAL 36569 (ESB zero allocation)
- WAL 36615 E42 Pit (366 ML, includes lake floor bores)
- WAL 36617 E42 Pit lower MDB (3,294 ML/annum)

Regulatory Interactions

DSIRD-DRE, Orange Inspectorate (2 Oct 2015):

- MOP (2014 – 2016) and appended RMP (April 2015).

Lake Cowal IMP (27-28 August):

- Awaiting final report from DP&E, Sydney.



LCF Board (14 October 2015):

- Review of Constitution at NPA, NCC, Sydney;
- AGM set 27 November 2015; and
- November 2016 for Vote on revised Constitution.

2015-2017 Exploration Drilling Program



EVN CGO REF:

- **Stage 1 (Dec 2015 – Dec 2016) – priority exploration focus areas**
 - E46 North
 - Central Cowal

- **Stage 2 (Dec 2016 – Dec 2017) – target exploration focus areas**
 - Eastern Corridor
 - South Cowal
 - North Cowal

2015-2017 Exploration Drilling Program



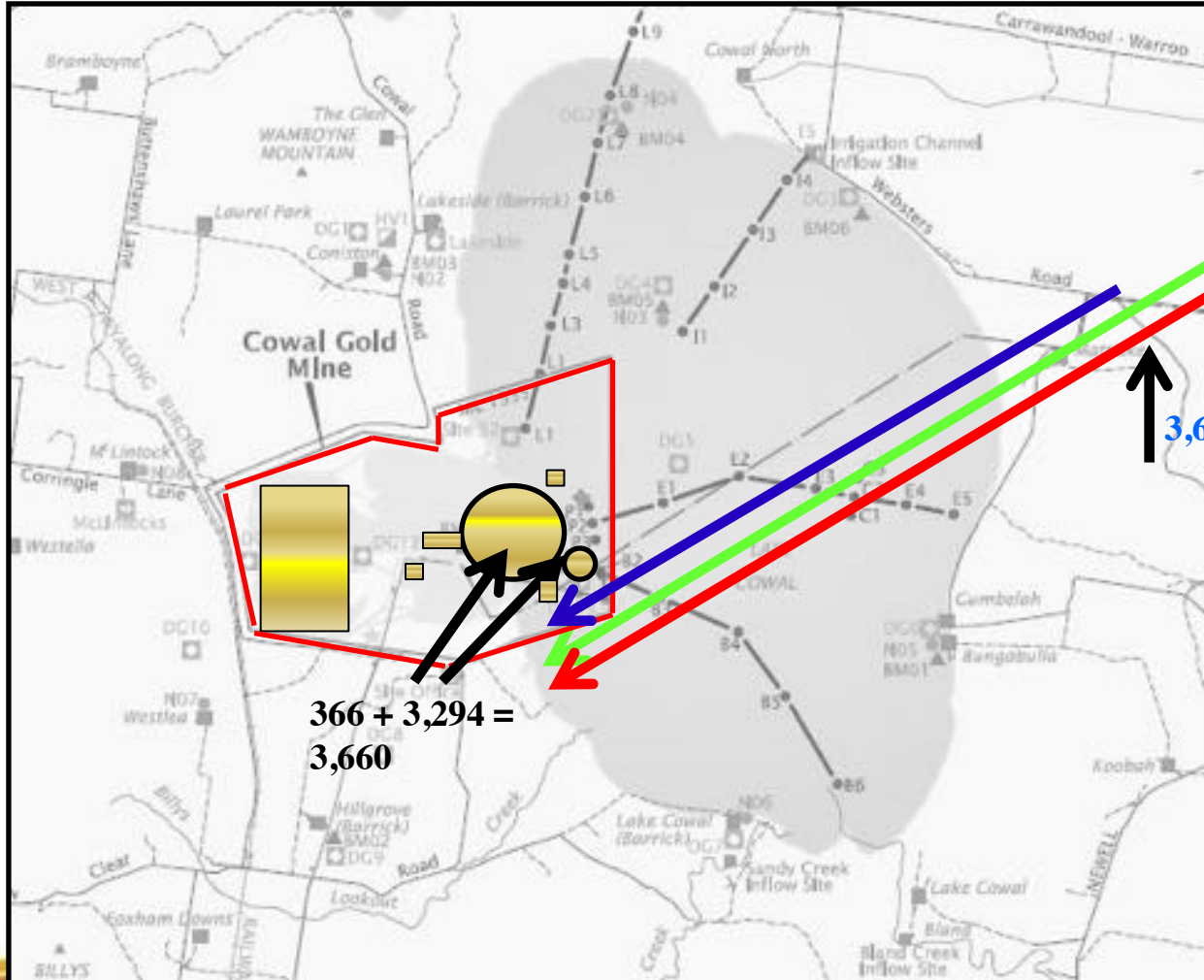
- LEGEND**
- Mining Lease
 - Exploration License
 - North Cowl Exploration Focus Area
 - Stage 1 Indicative Drill Hole Location
 - Stage 2 Indicative Drill Hole Location
 - Stage 2 Target Drill Location
 - E46 North Exploration Focus Area

Source: Department of Industry (2015); Orthophoto - Evolution Mining (Cowlitz Pty Limited) (From February 2015)

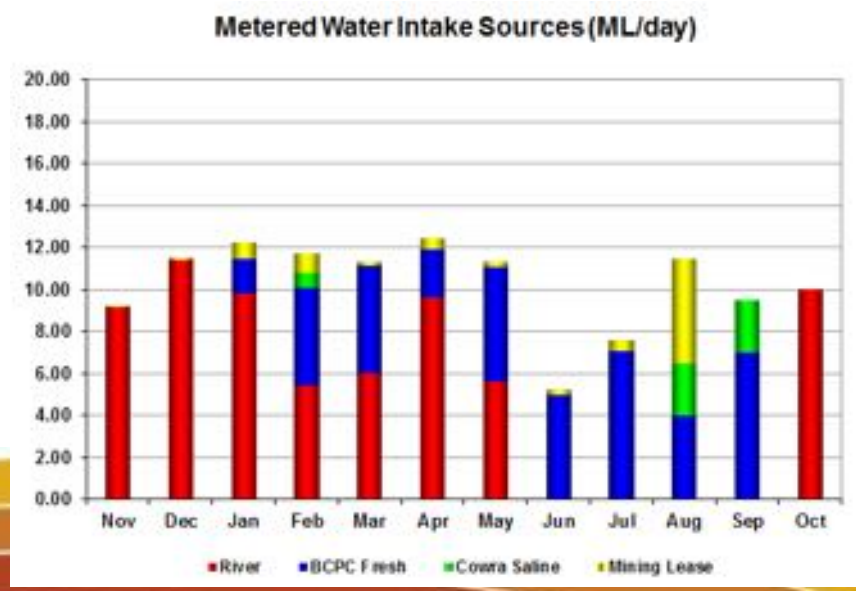
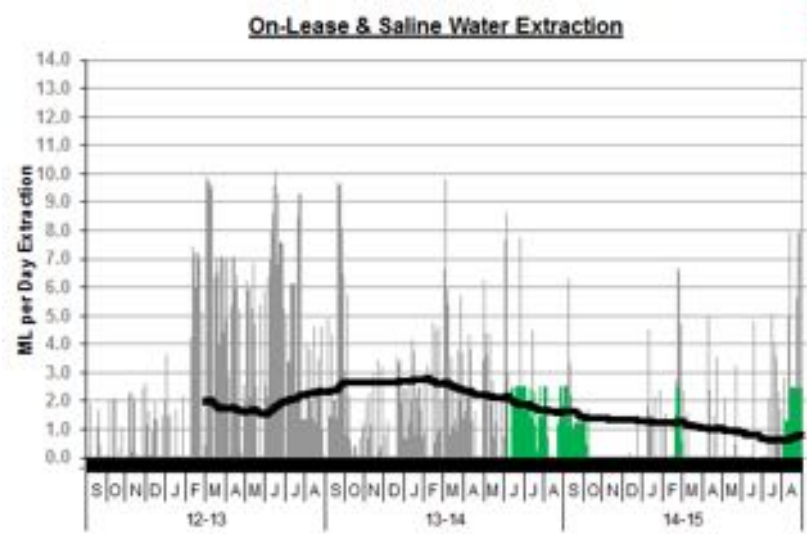
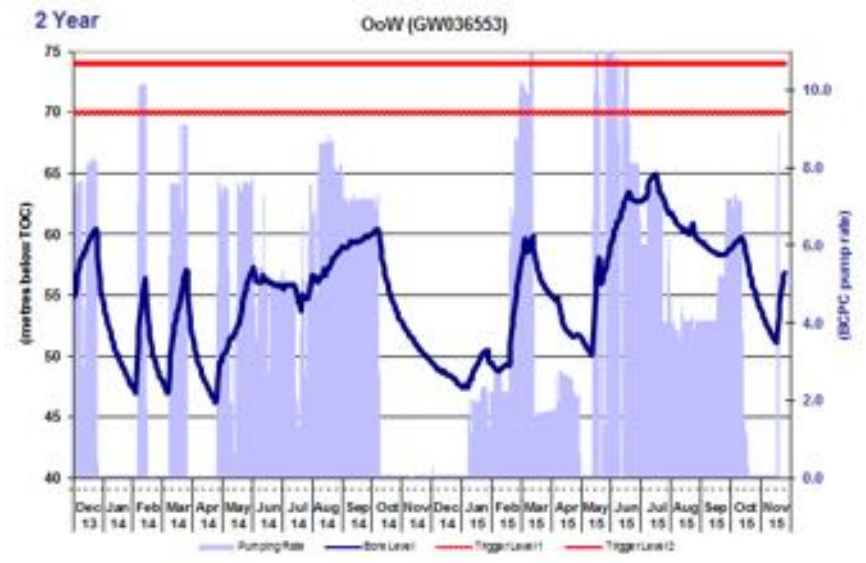
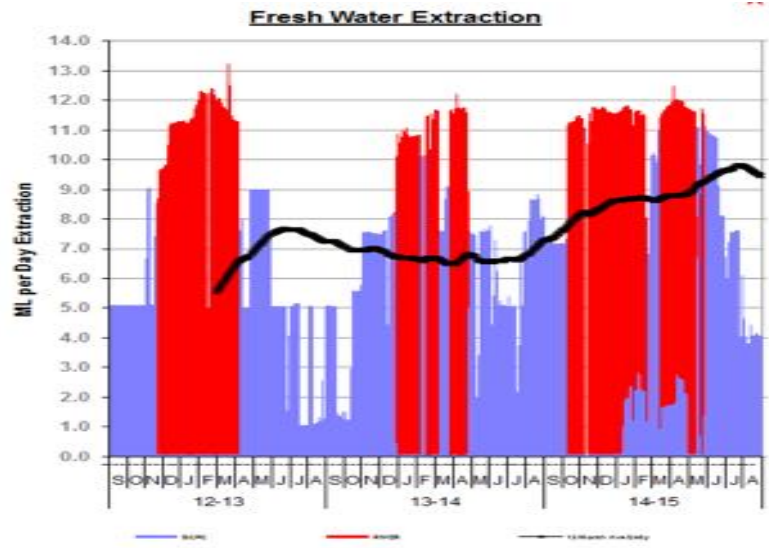


ML & Groundwater Sources

- ESB
- BCPC
- Pit/ Rain
- Reg River

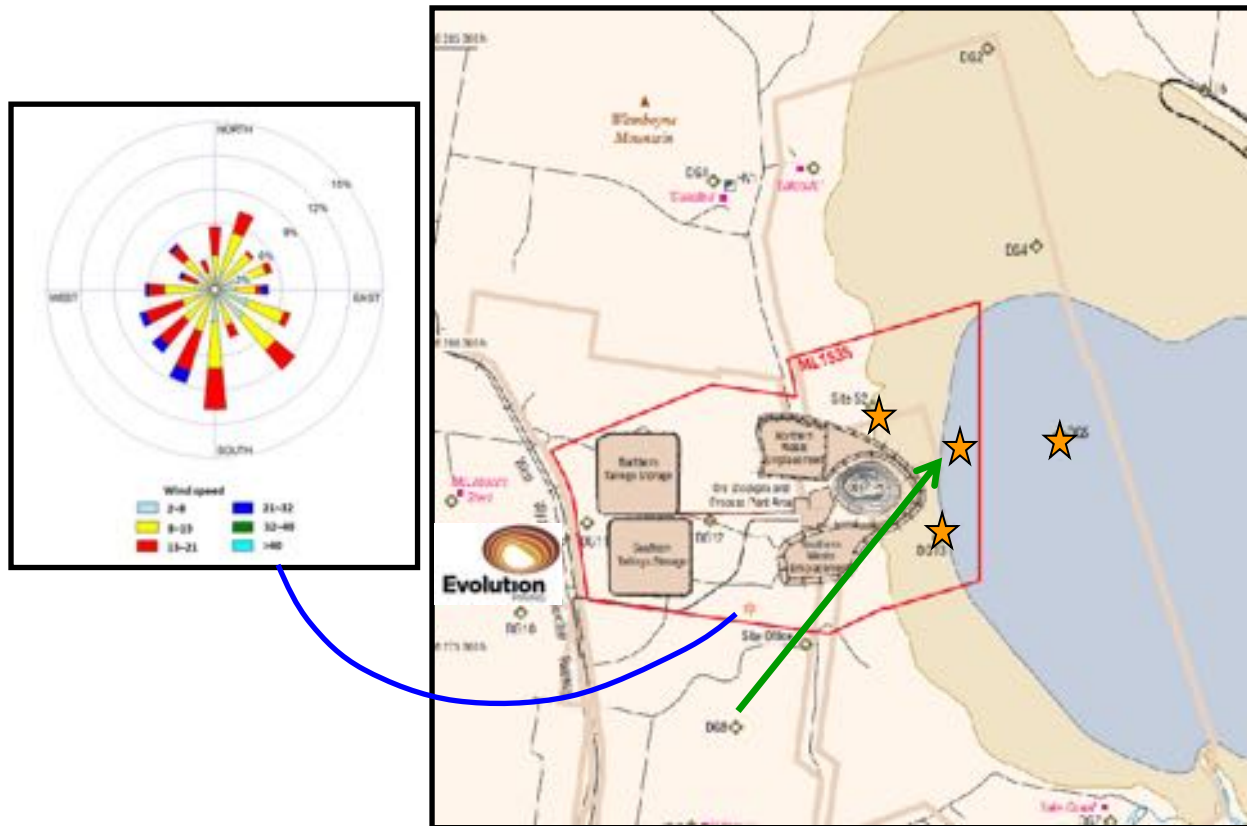


Water summary



2014 CGO AR

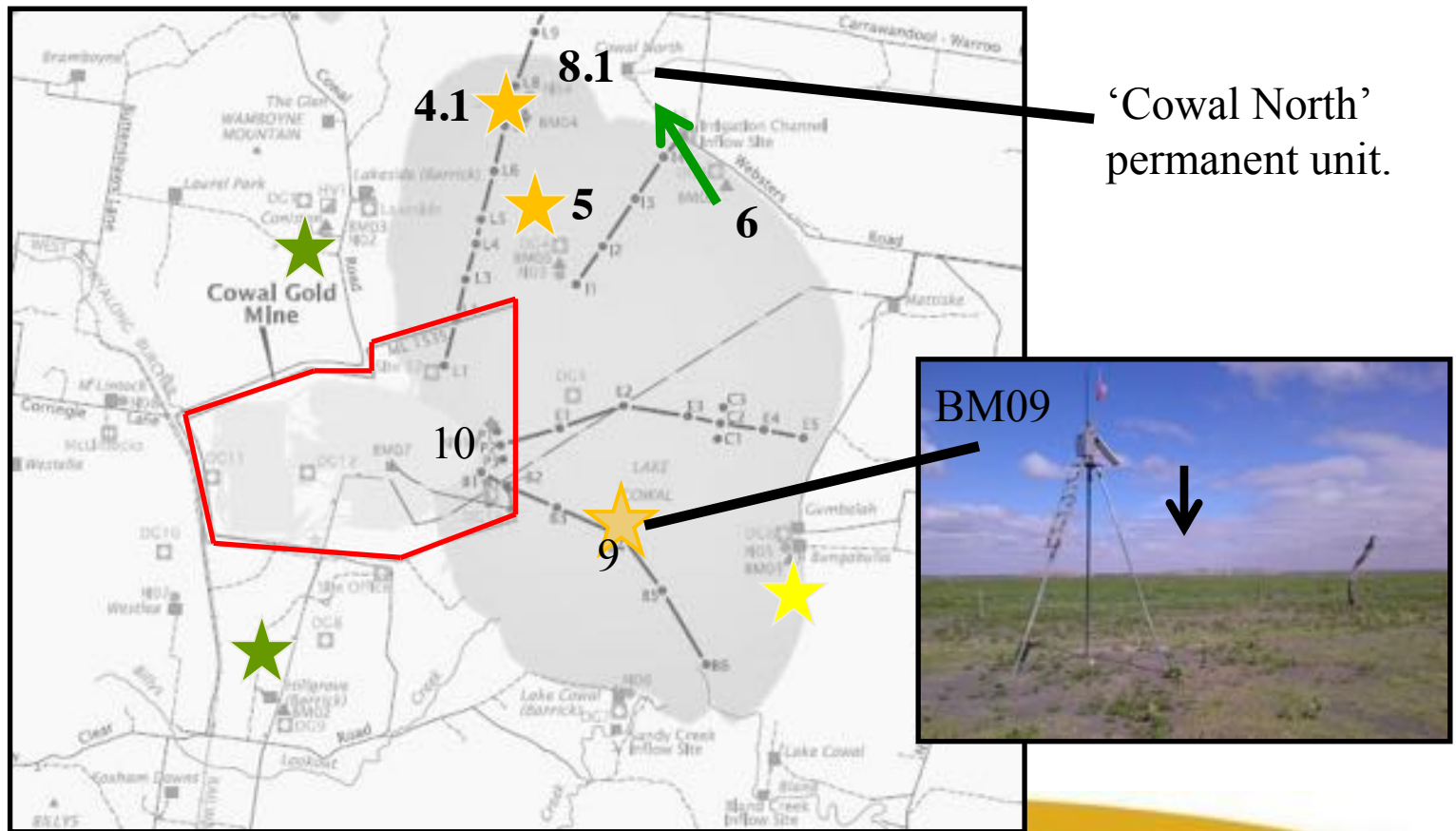
- Ongoing depositional dust monitoring



Compliance with DC criteria for depositional dust ($4\text{g}/\text{m}^2/\text{month}$) was achieved during 2014

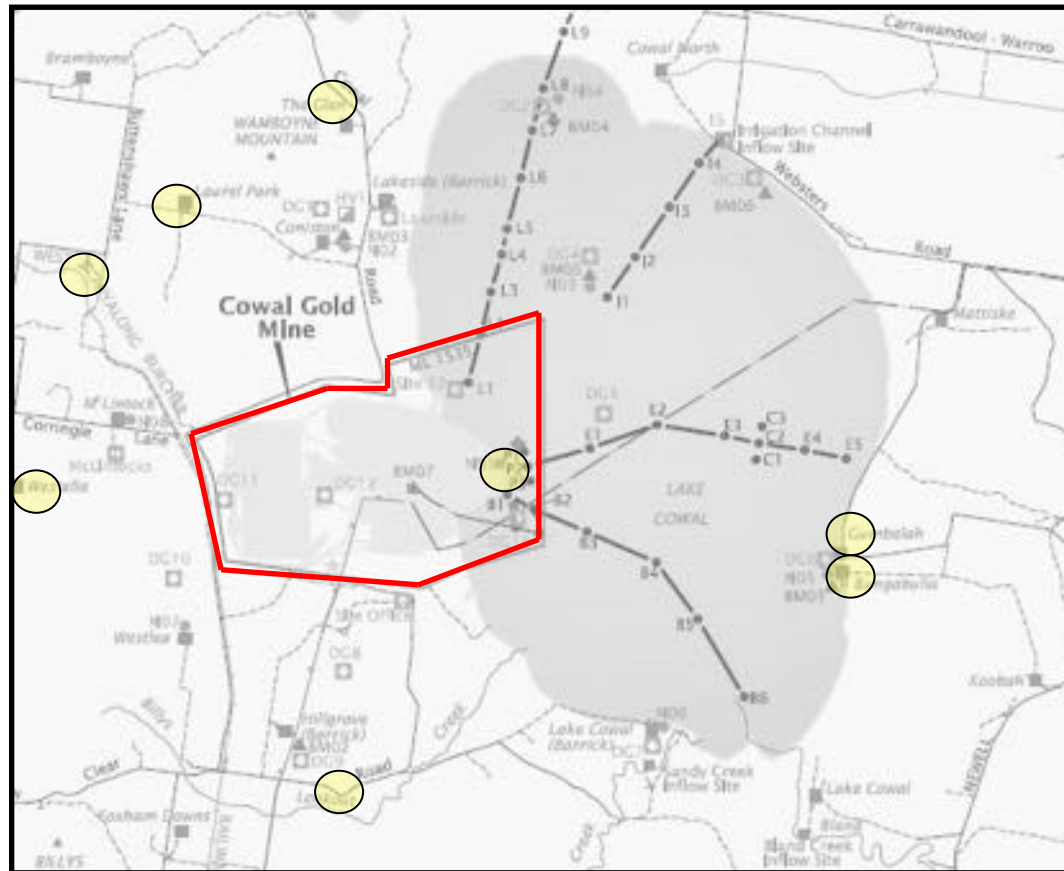
2014 CGO AR

• Ongoing blast overpressure monitoring



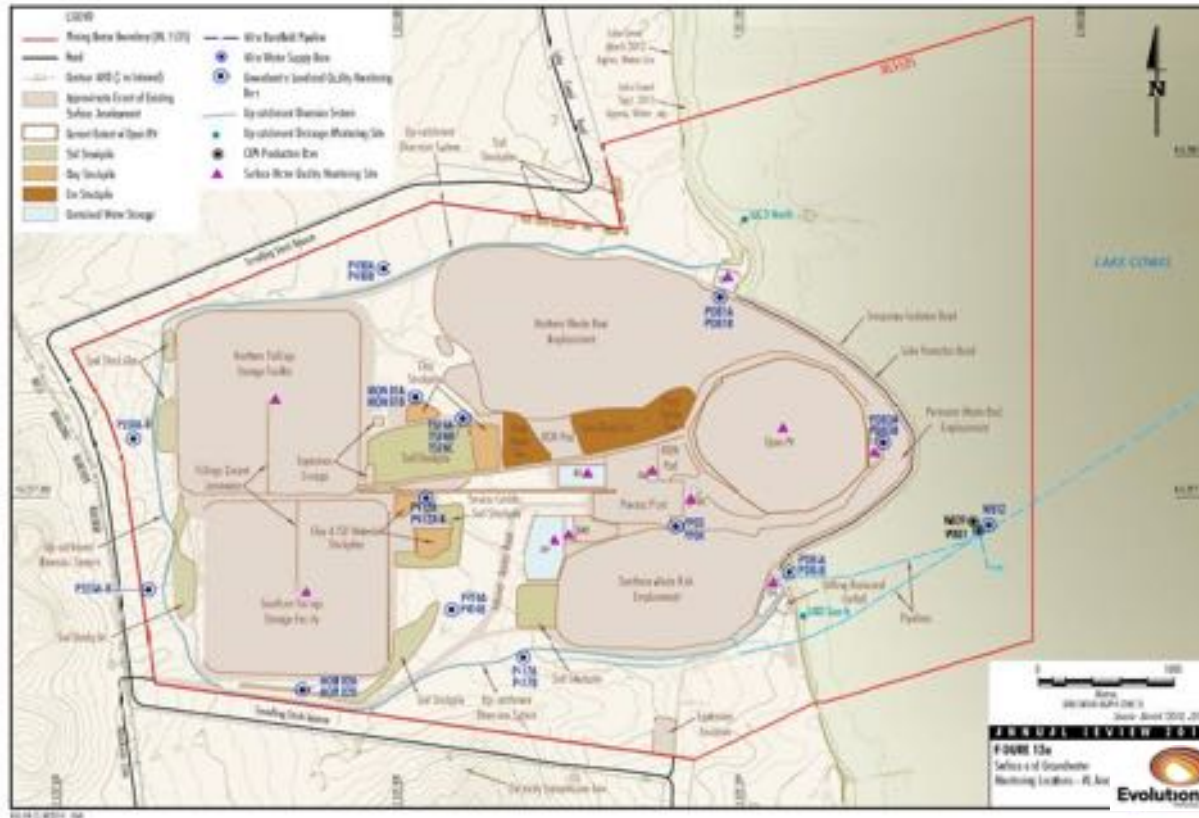
2014 CGO AR

- Ongoing quarterly ambient noise monitoring



2014 CGO AR

- Ongoing surface & groundwater monitoring





MOD11 work list – strategies/ EMPs

Environmental management strategy	Decommissioning strategy for water management structures & long-term management of Final Void and LPB
Rehabilitation Strategy – appended to EVN CGO MOP (1 Aug 2014 – 31 Aug 2016)	
Noise Management Plan	Blast Management Plan
Soil Stripping Management Plan	Erosion and Sediment Control MP
Rehabilitation Management Plan	Indigenous Archaeology CH MP
Air Quality Management Plan	Land Management Plan
Biodiversity Offset Management Plan	Lake Protection Bund Management Plan
Flora and Fauna Management Plan	SGWM&BMP (Programme)
Water Management Plan	

Cyanide Management Plan	Emergency Response Plan
Safety Management Plan	Transport of Haz Substances Study
Mining Operations Plan	Heritage Management Plan
Hazardous Waste and Chemical MP	Compensatory Wetland MP



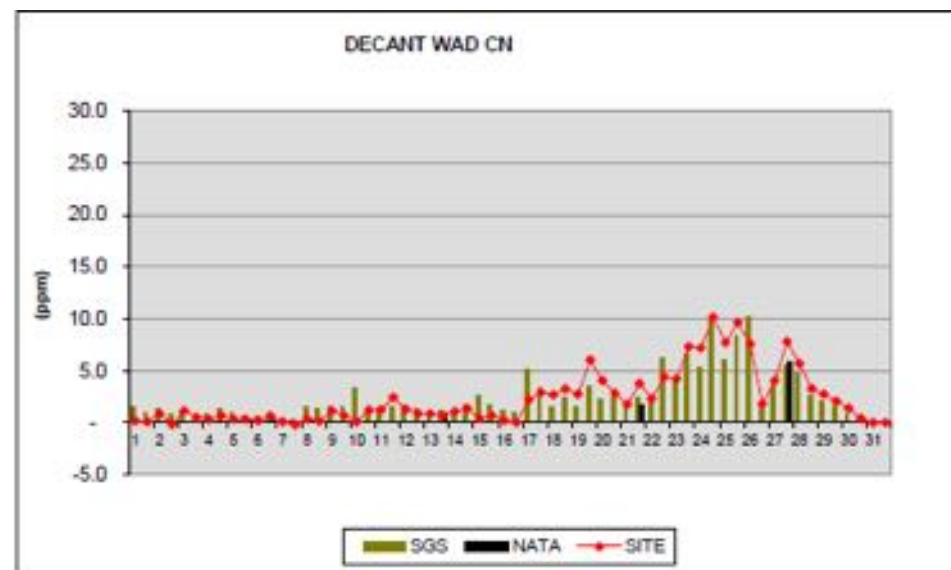
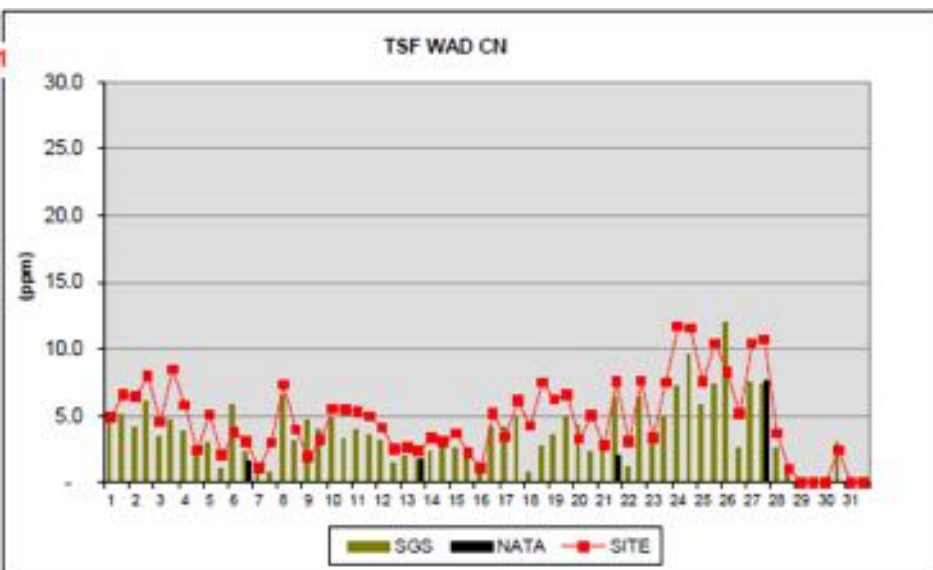
CGO Final Closure Works

- Ongoing rehabilitation and monitoring as per CGO MOP (2014 – 2016).
- NAB and ANZ @ AUD 63.5 million.



Cyanide Monitoring Results

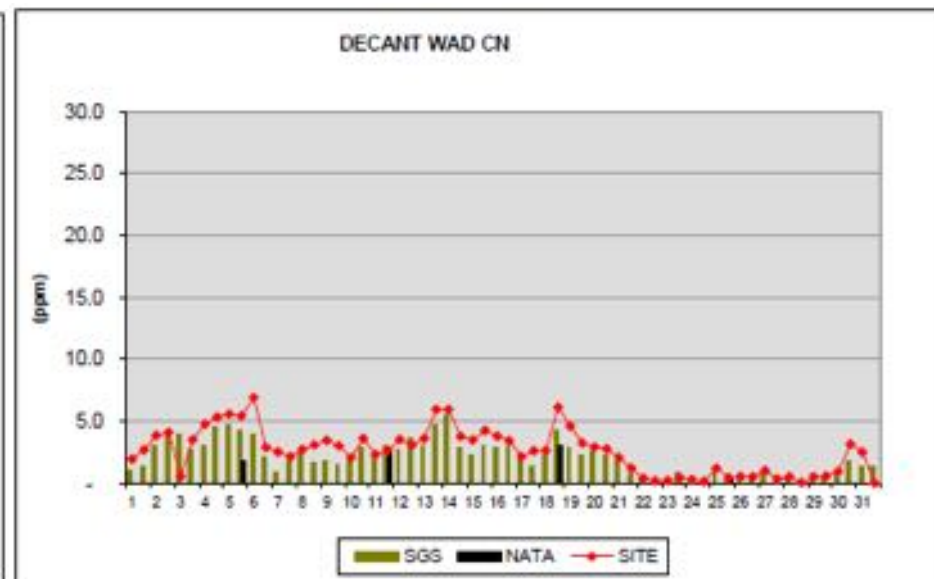
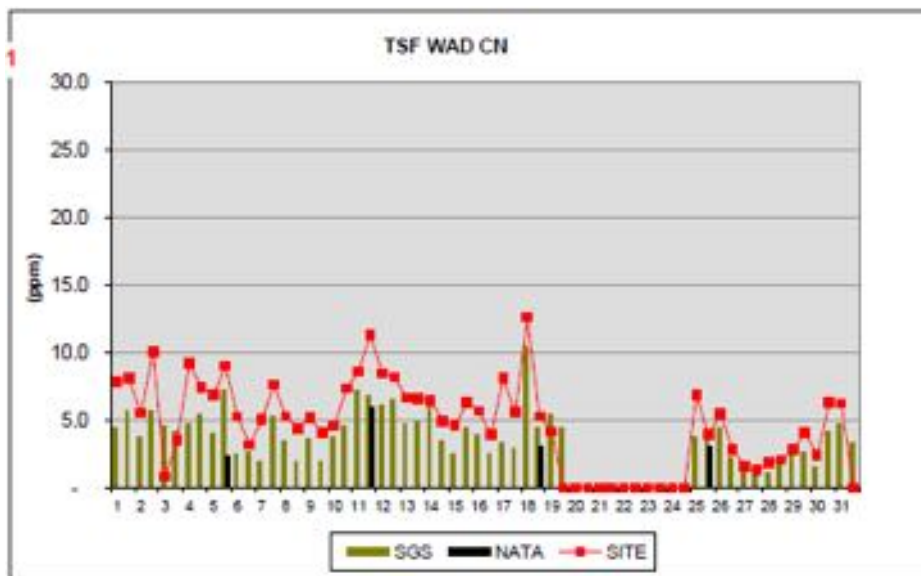
September 2015 – TSF - Decant



Switched over from 4th Lift NTSF to new 5th Lift STSF at end-September 2015.

Cyanide Monitoring Results

October 2015 – TSF - Decant



Cyanide Monitoring Results



November 2015 – TSF - Decant



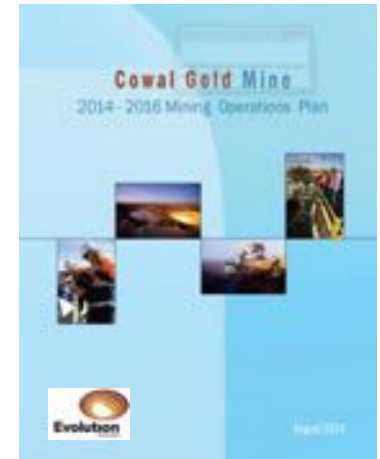
MOD actions status

MOD11

- All EMPs lodged 26 May 2015. Awaiting DP&E
- Offset Areas VPA and Bond by 31 Dec 2015
- Compulsory acquisition of noise affected farms

MOD12

- Nothing yet...Exploring inside and outside ML
- MOD11 H-cutback is presently uneconomical





Continued Excellence



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

Continual improvement

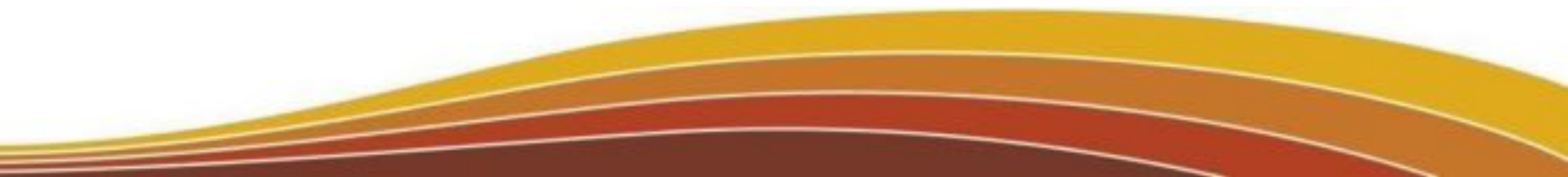
**Cyanide Code (Audit 19-21 Nov 2013)
Re-cert check on 9-12 November 2015**



**Certified to ISO 14001 (June 2013)
Re-cert audit on 16-20 November 2015**



Questions of CGO



Evolution Mining

ASX Code: EVN

www.evolutionmining.com.au/Cowal/



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CEMCC

Community Relations Update

2 December 2015



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Community Relations Update

- Activities since the last CEMCC meeting
- Complaints and Grievances
- Cowal Partnering Program Funding Awards
- Upcoming activities

Activities since the last CEMCC

- RoadSafe September
 - 4 Internal Road Safety Training Sessions
 - “Drive to Survive” Program at Forbes High School
 - BRAKE Driver Awareness Program at West Wyalong High School and Condobolin High School
 - Galmatic Car Maintenance Workshop at West Wyalong High School
- Presentation to the South-West Zone Library Managers Meeting – “*Big Businesses and Small Communities*”
- Family and Community Open Days – Approximately 400 people welcomed to site
- Announcement that Cowal Gold Operation will supply the gold for the 2016 Melbourne Cup

Complaints and Grievances

- 2 complaints received since last CEMCC Meeting:
 - 1 related to noise from Complainant A
 - 1 related to entry to property without notice from Complainant B

Complaints and Grievances

- Noise complaint from Complainant A
- Details of complaint:

Complainant A contacted the Community Complaints Line on Friday 13 November at 8:15am to lodge a complaint about noise from the Cowal Gold Operation. The Environment Manager contacted Complainant A at approximately 8:17am to discuss the details of the matter. At Approximately 2am, Complainant A was awoken by a low, steady grinding noise.

Outcome:

The Environment Manager asked if the noise was still audible, or if it could be heard at any other time. Complainant A said the noise was audible between 2am and 3am, but was not currently audible. The Environment Manager said that he had toured the operation prior to the call and all plant and machinery was operating normally. Environment Manager said that he believed that atmospheric conditions of null to gentle westerly breeze, including elevated humidity, may have contributed to the noise being audible from the Complainant's residence for a short period of time. The Environment Manager thanked the Complainant for the call

Complaints and Grievances

- Entry to property without prior notice complaint from Complainant B
- Details of complaint:

Complainant B contacted the Community Complaints line at 9:18am on Tuesday 1 December. At 9:45am, the Senior Community Relations Advisor contacted the Complainant to discuss the issue. Complainant B stated that Evolution employees had entered their property without notice to inspect blast monitoring equipment. Complainant B also stated that this had happened previously, and express some concern and suspicion at the operational reliability of the equipment, given the recent increase in maintenance to the monitoring equipment. The Complainant also expressed concerns that they may be liable if an Evolution employee was injured on their property or that the employee be bitten by a snake and not found for a period of time.

Outcome:

The Senior Community Relations Advisor apologised for not notifying the Complainant prior to accessing the equipment on their property. The SCRA said that he would address the issue with the relevant employees and their supervisors to ensure they were aware of the correct procedure and notification requirements for entering private property.

In relation to the question of liability of the Complainant in case of injury, the SCRA said that the Access Agreement that was previously signed between the Cowal Gold Operation and the Complainant contained provisions to limit the property owners liability. The SCRA also advised the Complainant that Cowal had a procedure for employees working off site that required regular phone contact with the office.

The SCRA said that he would investigate whether there was a specific issue with the monitoring equipment.

Following a quick investigation with the Environment Department, the SCRA called the Complainant back at 10:15am to discuss the operation reliability of the monitor. The SCRA stated that there had been some issues with the solar panel not recharging the batteries as designed. The solar panel had recently been replaced, but this had not fixed the issue. The SCRA advised that a replacement of the monitor was scheduled for Tuesday December. The SCRA said he would contact the Complainant on Monday 7 December to confirm.

The Complainant thanked the SCRA for the call.

Cowal Partnering Program



- The following organisations were awarded funding through the Cowal Partnering Program:
 - West Wyalong Public School P&C Assoc. - \$6,000
 - Bland Shire Council Triathlon - \$5,000
 - St Mary's War Memorial Hall - \$6,000
 - West Wyalong Bowls Club - \$ for \$ matching to the value of \$3,500
 - Barmedman Development Association - \$10,000
 - Barmedman Tractor Pull - \$1,000
 - Lake Cargelligo Fish Restocking - \$2,500
 - Condobolin and District Historical Society - \$1,970
 - Rotary Club of Condobolin - \$8,000
 - Forbes & District Historical Society - \$3,500
 - St Laurance's Catholic Primary School - \$ for \$ up to 3,500
 - Forbes Aboriginal and Community Working Party - \$6,000
 - Forbes Pre-School - \$6,000
 - Forbes Men's Shed – Equipment (value TBC)

Upcoming activities

- Christmas Party
- Evolution Senior Leadership Team visit to Wiradjuri Study Centre
- Wiradjuri Scholarships
- School-based Endeavour Scholarships
- Company-wide Stakeholder Satisfaction Survey
- Cowal Update – January/February
- Commencement of Exploratory Drilling Program, including and access and cultural heritage inspections

Questions?



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