



<p><b>MANAGEMENT PLAN</b></p> <p><b>ESH DEPARTMENT</b></p> <p><b>CONSTRUCTION NOISE</b></p>
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**SCOPE**

This Plan has been developed to identify impacts and relevant control measures relating to noise and vibration generated by Northparkes Mines (NPM) activities associated with the construction of Estcourt Tailings Storage Facility (TSF).

This Plan does not address occupational health and safety matters associated with noise and vibration.

**Risk Statement: High**

This document is relevant only during the construction of Estcourt TSF. The document will be reviewed if a scope change to the construction project occurs during this period. The information in this document relates to management, monitoring and associated reporting required by Project Approval 06-0026 and Mining Lease 1247.

<b>REVIEWED BY ESH DEPARTMENT</b>			<b>REVIEWED BY</b>		
<b>AUTHOR</b>	<b>SUPERINTENDENT</b>	<b>MANAGER ESH</b>	<b>SAFETY REPRESENTATIVE</b>	<b>ENVIRONMENTAL REPRESENTATIVE</b>	<b>HEALTH REPRESENTATIVE</b>
<b>APPROVED 3 September 2010</b>					

## CONSTRUCTION NOISE MANGEMENT PLAN

### REVISION SUMMARY

REV NO	CLAUSE NO	DESCRIPTION OF REVISION	AUTH BY	DATE
0	-	Management Plan established to address commitments outlined in DC06-0026. Peer and technical reviews were undertaken by Surface Mining Manager (Grad. Dip. Mining Engineering) and E48 Safety Superintendent (BSc (env)). Included Appendix A, regulatory correspondence.	K Edwards, Manager - ESHCF	July 2010

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## 1.0 INTRODUCTION

### 1.1 Background

Northparkes Mines (NPM) is a copper-gold mine located approximately 27 kilometres (km) north-northwest of Parkes in central west NSW (Figure 1). NPM is a joint venture between Rio Tinto (80%) and the Sumitomo Group (20%).

NPM has been operating since 1993 following the grant of the original development consent (504/90) by the NSW Land and Environment Court. Since that time, six additional development consents have been issued and have been surrendered to Parkes Shire Council. Combined, these approvals permitted the development and operation of two opencut mines, one underground block cave mine and associated works.

NPM was granted project approval (06-0026) under Section 75J of the *Environmental Planning and Assessment (EP&A) Act 1979* in February 2007 in accordance with the supporting document Environmental Assessment Northparkes Mines – E48 Project<sup>1</sup>. This approval permits the ongoing operation of existing activities and the underground E48 extension.

In October 2009, NPM was granted project modifications (Mod 1 and Mod 2) under Section 75W of the EP&A Act in accordance with the supporting documents Section 75W Environmental Assessment<sup>2</sup> and Administration Warehouse Statement of Environmental Effects<sup>3</sup>, respectively. These approvals permit the construction of an additional Tailings Storage Facility and storage warehouse, a mine and mill upgrade to increase production to 8.5 million tonnes per annum and extension to mine life to 2025.

#### 1.1.1 Environmental Context

The mine site is located on the Tenandra Plain well beyond the Great Dividing Range. The surrounding landscape is generally flat, gently undulating terrain and the elevation varies little.

Waste rock dumps of approximately 25m height and tailings impoundments of approximately 20m height have been constructed within the mining lease. Between the site and the nearest residences there is no significant change in topography deemed to influence noise attenuation.

The region experiences a typical arid to semi-arid climate with hot, dry summers and cool winters. Average annual rainfall is 535mm and average monthly rainfall is relatively uniform throughout the year.

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<sup>1</sup> R. W. Corkery and Co Pty Ltd. (2006). Northparkes Mines – E48 Project Environmental Assessment.

<sup>2</sup> GHD. (2009). Northparkes Mines Section 75W Environmental Assessment.

<sup>3</sup> Northparkes Mines. (2009). Administration Warehouse Statement of Environmental Effects.

### **1.1.2 Construction Project Description**

The modification approved under Section 75W of the EP&A Act includes the construction of Estcourt TSF and associated floor preparation and drainage system. The Estcourt TSF will be constructed to the south west of the existing TSF 1 (Figure 2).

Construction of the Estcourt TSF will require the handling, transport and placement of approximately 1,500,000 cubic metres of material sourced from within the Northparkes site.

The construction of the Estcourt TSF will involve the construction of northern, eastern, and southern embankments at a downslope gradient of 1:3 and a final height of approximately 25 meters (m) above the natural ground level. The northern embankment will link the W2 dump to the northern side of the E27 pit. This embankment will be constructed with a composite of waste rock from the current open cut mining operation and clay oxide material. The eastern embankment will link the W1 dump and the western wall of TSF 1, whilst the southern embankment will be constructed around the south of the E27 open pit, linking the W1 and W2 waste dumps. A section of the W1 waste dump to the north of E27 would be removed and the soils and waste rock would potentially be used in the rehabilitation of TSF1 and TSF2 or as construction material. Once filled the tailings surface would slope from the north to the south, with decant and spillway facilities in the south western corner.

Preliminary earthworks consisting of site preparation, haul road construction and topsoil stripping are anticipated to commence in quarter four 2010 and planned for completion in quarter one 2011. The main construction works are anticipated to commence in January 2011 and will take approximately 12 months to complete.

Under Statement of Commitment 2.5 of PA06-0026, NPM has approval to undertake TSF construction works 24 hours per day, 7 days per week. However, based on the current project schedule TSF construction hours will be managed within the hours of 7:00am and 7:00pm.

Construction equipment may include, but not limited to:

- Dump trucks;
- Excavators and/or loaders;
- Rollers and/or compactors;
- Dozers;
- Graders; and,
- Water carts.

Figure 1: Project Location

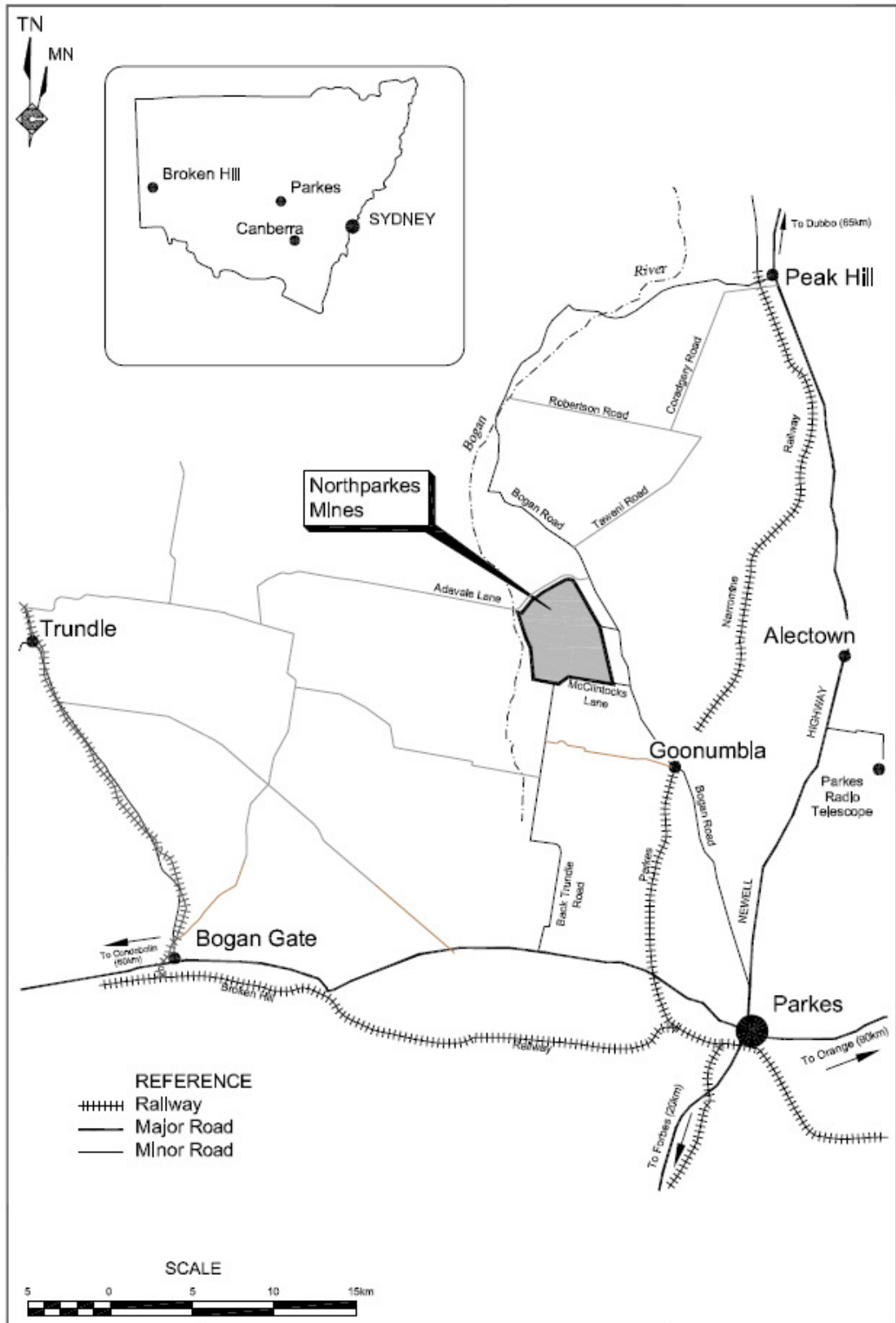


Figure 2: Estcourt TSF Location and Noise Monitoring Locations



- Legend**
- Noise Monitoring Location
  - Site Boundary



**Noise Monitoring Locations**

Map No.: NPM\_ENV\_001  
 Prepared By: Graduate Environmental Officer  
 Review Date: 04.08.2010  
 Version: 2

## 1.2 Northparkes Requirements

NPM strives for business excellence through its commitment to leading practice in environmental management and performance. All activities are conducted in accordance with the NPM Environment, Safety, Health and Community Policy and are aligned with the Rio Tinto Environment Standards.

NPM, operate and manage their environmental impacts under an ISO14001 certified Environmental Management System.

## 1.3 Regulatory Requirements

This Construction Noise Management Plan (CNMP) has been developed in accordance with Condition 19, Schedule 3 and relevant Statement of Commitments, Appendix 3 of the Project Approval (06-0026). Table 1 indicates where each component of the Conditions is addressed within this CNMP.

This CNMP has been prepared in consultation with NSW Department of Environment, Climate Change and Water (DECCW) (Appendix A) with consideration to the following DECCW Noise Policies:

- New South Wales (NSW) Industrial Noise Policy (INP);
- Environmental Noise Control Manual (ENCM), Chapter 19; and
- NSW Interim Construction Noise Guideline.

**Table 1: Construction Noise Management Plan Requirements**

<b>Condition</b>	<b>Requirement</b>	<b>Section</b>
19	<p>The Proponent may exceed the noise limits in condition 18 at any privately owned land during construction of the Estcourt Tailings Storage Facility and/or the Rosedale Tailings Storage Facility in accordance with the approved Construction Noise Management Plan. The Construction Noise Management Plan must:</p> <ol style="list-style-type: none"> <li>a. be prepared in consultation with DECCW and owners of any privately owned land where construction noise is predicted to exceed the limits in condition 18;</li> <li>b. describe the measures that would be implemented during construction to minimise noise impacts; and</li> <li>c. be approved by the Director General prior to construction of the Estcourt Tailings Storage Facility.</li> </ol> <p><i>Note: This conditions does not apply to privately owned land where:</i></p> <ul style="list-style-type: none"> <li>○ <i>the owner has an agreement with the Proponent to exceed the limits in condition 18 and the Proponent has advised the Director-General of the terms of agreement; and/or</i></li> <li>○ <i>the residence on the property is unoccupied during the construction of either the Estcourt Tailings Storage Facility or the Rosedale Tailings Storage Facility and the Proponent has advised the Director-General of the unoccupied status of the residence.</i></li> </ul>	<p>Section 4.0</p> <p>Appendix A &amp; B</p> <p>Section 5.0</p> <p>Appendix A</p>

## 1.4 Existing Noise Environment

Noise monitoring surveys were conducted during typical mining operations at three identified receivers around the mine site in June 2008 (Figure 2). The surveys were conducted to characterise and quantify the typical acoustical environment in the area surrounding the mine site during normal mining operations. These noise monitoring results were adopted in the Section 75W Environmental Assessment to assess the potential environmental noise impact from the proposed TSF construction activities.

The results of these noise monitoring surveys<sup>4</sup> are summarised in Tables 2 and 3. The time breakdown for day, evening and night are in accordance with the NSW Industrial Noise Policy (INP).

**Table 2:  $L_{Aeq(15minute)}$  Mine Noise Emission Levels<sup>1</sup>**

Monitoring Location	Mine contributed $L_{Aeq(15\text{ minute})}$			Noise Emission Criteria $L_{Aeq(15\text{minute})}$
	Survey 1	Survey 2	Survey 3	
<b>Daytime</b>				
'Hubberstone'	n/a <sup>2</sup>	n/a <sup>2</sup>	- <sup>3</sup>	35 dBA
'Lone Pine'	<25	<25	- <sup>3</sup>	35 dBA
'Milpose'	28-29	30	- <sup>3</sup>	35 dBA
<b>Evening</b>				
'Hubberstone'	n/a <sup>2</sup>	n/a <sup>2</sup>	n/a <sup>2</sup>	35 dBA
'Lone Pine'	n/a	<15	<15	35 dBA
'Milpose'	29	30	29	35 dBA
<b>Night Time</b>				
'Hubberstone'	32 <sup>4</sup>	32 <sup>4</sup>	32 <sup>4</sup>	35 dBA
'Lone Pine'	<15	<15	<15	35 dBA
'Milpose'	29	29	29-30	35 dBA

Note 1: Sourced from Heggies Noise Monitoring Report, June 2008

Note 2: Mine noise emissions not discernible

Note 3: "-" No survey conducted

Note 4: Incomplete survey due to rain

Note 5: Bolded values indicate exceedances

**Table 3: Nighttime  $L_{A1}$  Ambient Noise Emission Levels and Contribution of Mine Noise<sup>1</sup>**

Monitoring Location	Measured Ambient and Mine Contributed $L_{A1}$ -				Sleep Disturbance Criteria $L_{A1(1\text{ minute})}$
	Measured Mine Contribution $L_{Amax}$				
	Survey 1		Survey 2		
	Ambient $L_{A1}$	Mine Contributed $L_{A1}$	Ambient $L_{A1}$	Mine Contributed $L_{A1}$	
'Hubberstone'	39	39	39	39	45 dBA
'Lone Pine'	28	<15	51	<15	45 dBA
'Milpose'	38	30	39	33	45 dBA

Note 1: Sourced from Heggies Noise Monitoring Report, June 2008

<sup>4</sup> Heggies (2008) Northparkes Mines - Mine Operation Noise Monitoring

Based on daytime and evening operator attended measurements, the mine noise emissions were shown to comply at all three residences. Based on nighttime attended and unattended measurements, the mine noise emissions were shown to comply at all residences. Noise monitoring indicated that the sleep disturbance criterion was met at all of the residential receivers.

## 2.0 OBJECTIVES

The objectives of construction noise management at NPM are to:

- Ensure that noise from Estcourt TSF construction activities are minimised and appropriately controlled;
- Ensure that impacts on surrounding residents are minimised;
- Keep the local community and regulators informed of activities where required and respond quickly and effectively to issues or complaints; and
- Comply with relevant legal and other requirements.

## 3.0 KEY ISSUES

### 3.1 Potential Impacts

The nearest potentially affected residences beyond the site are presented in Table 4. It should be noted that “Avondale” is currently unoccupied and is anticipated to remain uninhabited during the construction of Estcourt TSF.

**Table 4: Nearest Potentially Affected Residences**

Residence Name	Easting (AMG55)	Northing (AMG55)	Distance (m) / Direction From Residence to:		
			Open Cut Pits	Processing Area	E26 Mine Portal
“Hubberstone”	600623	6360760	4485 SW	3870 SW	6240 SW
“Avondale”	602100	6357125	5436 W	3480 W	4800 WSW
“Milpose”	594630	6352650	5941 NNE	5850 NNE	3950 NE
“Lone Pine”	293530	6358830	3393 ESE	4780 ESE	5350 SE

#### 3.1.1 Estcourt TSF Construction Noise

Potential noise impacts resulting from construction of the Estcourt TSF were assessed and modelled as part of the Section 75W Environmental Assessment<sup>2</sup> carried out in March 2009. Acoustic modelling was undertaken using Computer aided Noise Abatement (Cadna-A) to predict the sound pressure levels generated by NPM under a variety of weather conditions.

Predicted noise levels during the construction of the Estcourt TSF are summarised in Table 7 and show a potential 1 dB(A) exceedence of the nighttime noise criteria at the ‘Lone Pine’ receiver. Noise levels at all other receivers are shown to comply under all modelled weather conditions. As a result of the potential exceedence,

noise mitigation measures to be implemented during the construction phase are outlined in Section 5.

**Table 5: Predicted Noise Levels – “Estcourt” TSF Construction – dB(A)**

Noise Receiver	Meteorological Conditions						
	Neutral	3°C Temperature Inversion and 2 m/s Wind in Direction of Receivers			3 m/s Wind in Direction of Receivers		
		Day	Evening	Night	Day	Evening	Night
'Hubberstone'	22	27	29	29	28	30	30
'Avondale'	16	21	22	24	22	24	25
'Milpose'	10	14	16	18	17	19	20
'Lone Pine'	26	32	34	35	33	35	<b>36</b>

Note: Bold text indicates noise levels of non-compliance

Maximum received noise levels due to track dozer operation are expected to be under the 45 dB(A)<sub>L1</sub> sleep disturbance criteria at all identified receivers.

### 3.1.2 Cumulative Noise Impacts

As normal mining operations and construction of the Estcourt TSF will occur simultaneously, the cumulative noise levels of these activities were also assessed and modelled as part of the Section 75W Environmental Assessment<sup>2</sup>. The results of the modelling are summarised in Table 6.

Predicted cumulative noise impacts from the proposed operations and construction of Estcourt TSF indicate compliance with the PA06-0026 noise limit of 35 dB(A) under all weather conditions at 'Hubberstone', 'Avondale' and 'Milpose'. However, model results suggest a potential exceedance of up to 3 dB(A) above the nighttime noise limit at 'Lone Pine' receiver under weather enhancing conditions.

**Table 6: Predicted Noise Levels – Cumulative Operation and Construction – dB(A)**

Noise Receiver	Meteorological Conditions						
	Neutral	3°C Temperature Inversion and 2 m/s Wind in Direction of Receivers			3 m/s Wind in Direction of Receivers		
		Day	Evening	Night	Day	Evening	Night
'Hubberstone'	24	30	32	33	31	32	34
'Avondale'	24	29	31	33	31	33	34
'Milpose'	23	28	30	31	30	31	33
'Lone Pine'	28	33	35	<b>36</b>	35	<b>36</b>	<b>38</b>

Note: Bold text indicates noise levels of non-compliance

Adverse impacts from blasting are not expected due to the scheduled decommissioning of the E22 open cut pit prior to the commencement of Estcourt TSF construction.

### **3.2 Potential Sources**

The potential sources of noise generated by construction activities include:

- Excavation, transportation and placement of materials (e.g. reversing alarms, horns).

## **4.0 PERFORMANCE CRITERIA**

NPM's project approval (06-0026) specifies maximum allowable noise levels as described below.

### **4.1.1 Noise Impact Assessment Criteria**

In accordance with Condition 18 of PA06-0026, NPM must ensure that the noise generated by all activities does not exceed 35dB(A)  $L_{Aeq(15 \text{ minute})}$ , during daytime and evening hours, or 45dB(A)  $L_{A1(1 \text{ minute})}$ , during night time hours, at any privately-owned residence.

These limits apply under the following meteorological conditions:

- wind speeds of up to 3 m/s at 10 metres above ground level; or
- temperature inversion conditions of up to 3°C/100m, and wind speeds of up to 2 m/s at 10 metres above ground level.

### **4.1.2 Construction Noise**

In accordance with Condition 19 of PA06-0026 Mod1, NPM may exceed the noise limits in Condition 18 at any privately owned land during construction of Estcourt TSF in accordance with this Plan.

## **5.0 CONTROL MEASURES**

Control measures for the management of noise during construction are essential in minimising noise impacts. Mitigation measures are summarised below:

- Construction hours managed within the hours between 7:00am and 7:00pm;
- All construction personnel should be made aware of the potential for noise impacts onto local residents through the area induction and encouraged to take all practical and reasonable measures to minimise noise during the course of their activities;
- A NPM representative (as appropriate) should establish contact with the local residents and communicate the construction program and progress on a quarterly basis;
- Review available fixed and mobile equipment fleet and fit with low pitch reversing beepers and sound attenuation mufflers, wherever possible;

- All equipment used on site should be in good condition and good working order;
- Appropriate equipment used for the required tasks in terms of power requirements;
- Engine covers should be kept closed while equipment is operating;
- Materials dropping from heights into or out of trucks should be minimised, where practicable;
- Vehicles should be kept properly serviced and fitted with appropriate mufflers. The use of exhaust brakes should be eliminated, where practicable;
- Where practical, machines should be switched off when not being used rather than left idling for prolonged periods;
- Machines found to produce abnormally high noise should be removed from the site or stood down until repairs or modifications can be made;
- Avoidance of the unnecessary clustering of earth moving equipment;
- Maintaining haul roads in good condition; and
- Scheduling of work with attention paid to adverse weather conditions and modifications made to the work program where necessary.

## **5.1 Adverse Weather**

Should adverse weather conditions (refer to definition Section 11) exist, the following measures will be applied to mitigate off-site, private property impacts:

- Review of the elevation of earthworks and, where possible, relocate equipment to lower elevations, until more suitable conditions return; and
- Temporary cessation of work within an area or from a particularly noisy piece of equipment where possible.

## **6.0 MONITORING**

A noise monitoring program during the construction project will be implemented to quarterly sample noise emissions at key locations on and adjacent to the mine site. The program is designed to measure the effectiveness of control measures and ensure compliance with consent conditions, relevant standards and corporate requirements.

The noise monitoring program is comprised of a combination of attended and unattended surveys to monitor performance. An outline of the program to monitor the noise impacts from TSF construction activities is provided in Table 7 and monitoring locations are displayed in Figure 2. Any proposed changes will be made in consultation with DECCW in accordance with PA06-0026.

Monitoring is undertaken in accordance with the following procedures:

- Environmental Monitoring Program SOP (A480499);
- Noise Monitoring SOP (A164548);
- NSW EPA Industrial Noise Policy; and
- AS 1055.

A meteorological monitoring station is maintained to provide real time and periodic meteorological data for operational purposes.

**Table 7: Noise Monitoring Program**

<b>Monitoring Locations</b>	<b>Parameter</b>	<b>Frequency</b>
'Hubberstone' 'Lone Pine' 'Milpose'	Attended	Minimum period of one day (daytime, evening and night-time measurements) per quarter.
	Unattended	Minimum period of seven days on a quarterly basis.

## **7.0 REPORTING**

NPM will report against the performance criteria outlined in this Plan in the Annual Environmental Management Report (AEMR).

A copy of this plan will be made publicly available at the mine and on NPM's website in accordance with Conditions 9(b) and 9(c), Schedule 4 of Project Approval (06-0026).

In accordance with Condition 10, Schedule 4 of Project Approval (06-0026) a summary of monitoring results will be made publicly available at the mine and on the website and updated on a quarterly basis.

Incident reporting (including any exceedences and complaints) will be in accordance with Condition 3, Schedule 4 of Project Approval (06-0026); the NPM Mini HIAS and HIAS Recording and Reporting Standard (A139552).

### **7.1 Community Liaison**

NPM recognises that noise and vibration generated by construction activities can impact on adjacent properties and communities.

A community relations program (via the Neighbours Meetings and Community Consultative Committee) shall be maintained to ensure two-way communication on noise management.

Prior to construction activities, NPM will contact nearby residents to outline the nature and duration of works and to provide contact details should they have any queries. Details on the construction program and progress will be communicated to nearby residents on a quarterly basis.

All noise complaints will be registered, investigated and responded to promptly in accordance with the Communications Management Plan (A642060).

## 8.0 REVIEW

This Construction Noise Management Plan will be reviewed and updated in the case of a significant change to the project scope; this will include further consultation with the local community and DECCW as required. The review will include an assessment of the effectiveness of control measures and performance against the Plan's objectives.

In addition, this Plan will be reviewed within six months of an Independent Environmental Audit in accordance with Condition 5, Schedule 4 of Project Approval (06-0026).

## 9.0 RESPONSIBILITIES

Table 8 summarises responsibilities documented within the Plan. Responsibilities may be delegated where appropriate.

**Table 8: Construction Noise Management Plan Responsibilities**

Section Reference	Action	Responsibility	Timing
5.0	Ensure noise control measures are implemented	Construction Project Manager	As required
5.1	Monitor for adverse weather conditions and implement appropriate noise control measures	Construction Project Manager	As required
6.0	Conduct noise monitoring program	Environment Team	Quarterly
7.0	Analyse monitoring results and verify compliance with noise criteria set out in PA06-0026	Environment Team	Quarterly
7.0	Report against performance criteria in the AEMR	ESHCF Manager	Annually
7.0	Display this plan on NPM website and make available at the mine	Environment Team	Prior to construction of "Estcourt" TSF
7.0	Display summary of monitoring results on NPM website and make available at the mine	Environment Team	Quarterly
7.0	Report any incidents within seven days	ESHCF Manager	As required
7.0	Report complaints and outcomes of investigations in the AEMR	ESHCF Manager	As required
7.1	Communicate noise monitoring results at relevant community forums	Environment Team	6 monthly
7.1	Communicate nature and duration of works and contact details for queries to nearby residents	Construction Project Manager & Environment Team	Prior to construction and on quarterly basis
8.0	Review this Plan	Environment Team	Annually or if a change to the project scope occurs

## 10.0 RELATED DOCUMENTS

### 10.1 Legal Requirements

Department of Planning Project Approval 06-0026  
Environmental Protection License 4784

### 10.2 Standards and Procedures

Rio Tinto Environment Standard Noise and Vibration Control  
NPM Environmental Noise and Vibration Management Plan (A213104)  
NPM Environmental Monitoring Program SOP (A480499)  
NPM Noise Monitoring SOP (A164548)  
NPM Noise Minimisation Training Module (A234390)  
NPM Communication Management Plan (A642060)  
NPM Annual Environmental Management Report (fA43639)  
NPM Mini HIAS and HIAS Recording and Reporting Standard (A139552)  
GHD (2009) Section 75W Environmental Assessment (A643696)  
R. W. Corkery and Co Pty Ltd. (2006). Environmental Assessment Northparkes  
Mines – E48 Project Environmental Assessment (A430558)

## 11.0 DEFINITIONS

Leq: The equivalent continuous level of fluctuating sound over an extended time.  
The steady dB(A) level which would produce the same A-weighted sound energy over a stated time as a specified time-varying sound.

Noise Management Zone: where there is a less than 5db(A) exceedence of the project specific criterion.

Adverse weather conditions: Includes winds prevailing from the west to southwest (blowing in the direction of the closest inhabited residences), low-lying cloud or fog.

<b>Objective No:</b>	<b>A706135</b>
<b>ESHMS No:</b>	<b>9.406.F</b>
<b>Document No:</b>	<b>ESHMP406.04</b>
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## APPENDIX A REGULATORY CORRESPONDENCE

Objective No: A706135  
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Document No: ESHMP406.04  
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Revision No: 0



Environment,  
Climate Change  
& Water

**FILE COPY**

Our reference: LIC07/80-06,  
DOC10/37966  
Contact: Khari Turnbull, 68835330

Mr Craig Stegman  
General Manager  
Northparkes Mines  
PO Box 995  
PARKES NSW 2870

Attention: Kerrie Edwards

Dear Mr Stegman

Thank you for forwarding the "Construction Noise Management Plan" for our records. The Department of Environment, Climate Change and Water (DECCW) encourages the development of such plans to ensure that proponents have determined how they will meet their statutory obligations and designated environmental objectives. However, we do not approve or endorse these documents as our role is to set environmental objectives for environmental/ conservation management, not to be directly involved in the development of strategies to achieve those objectives.

Should you have any further enquiries please do not hesitate to contact myself at the Dubbo Office of DECCW by telephoning (02) 6883 5330.

Yours sincerely

A handwritten signature in blue ink, appearing to read "KHARI TURNBULL", with the date "20/08/10" written next to it.

**KHARI TURNBULL**  
A/ Head of Pesticides, Operation and Planning  
Environment Protection Regulation

PO Box 2111 Dubbo NSW 2830  
Level 1 48-52 Wingewarra Street Dubbo NSW  
Tel: (02) 6883 5312 Fax: (02) 6884 8675  
ABN 30 841 387 271  
[www.environment.nsw.gov.au](http://www.environment.nsw.gov.au)

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Planning

Ms Renee Morphet  
Environmental Coordinator  
Northparkes Mines  
PO Box 995  
PARKES NSW 2870

**Mining & Industry Projects**

Contact: Kane Winwood  
Phone: 9228 6298  
Fax: 9228 6466  
Email: [kane.winwood@planning.nsw.gov.au](mailto:kane.winwood@planning.nsw.gov.au)  
Our ref: 9036747

Dear Renee

**Northparkes Mines (MP 06\_0026)  
Construction Noise Management Plan**

I refer to the Construction Noise Management Plan for the above project submitted on 7 September 2010.

I wish to advise you that the Department is satisfied that the plan addresses condition 19 of Schedule 3 of the project approval, and the Director-General has approved the plan.

If you have any enquiries on this matter please contact Kane Winwood.

Yours sincerely

A handwritten signature in black ink, appearing to read "D Kitto", followed by the date "8/10/10".

David Kitto  
**Director**  
**Mining & Industry Projects**  
as Delegate for the Director-General

<b>Objective No:</b>	<b>A706135</b>
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## APPENDIX B

### LOCAL COMMUNITY CORRESPONDENCE

<p><b>'Hubberstone'</b>          Goonumbla NSW 2870          Australia</p>	
<p><b>Meeting with 'Hubberstone' Resident</b>          13 Aug 2010</p>	<p><b>Summary:</b> Meeting to provide information on the planned construction of the Estcourt TSF, potential noise impacts and planned mitigation measures. A copy of the draft Construction Noise Management Plan was provided to the resident for comment.</p> <p><b>Stakeholder Comments:</b> Resident noted satisfaction with the management of construction between the hours of 7am and 7pm.</p> <p><b>Team Response:</b> Team clarified any questions and agreed to make a follow up call to receive any comments and/or feedback.</p> <p><b>Action Requested:</b> Follow up with resident regarding Draft Construction Noise Management Plan.</p> <p><b>Action Taken:</b> Resident contacted via phone, team clarified questions and the resident was satisfied with the content of the Draft Construction Noise Management Plan.</p>

<p><b>'Lone Pine'</b>          Goonumbla NSW 2870          Australia</p>	
<p><b>Meeting with 'Lone Pine' Resident</b>          06 Aug 2010</p>	<p><b>Summary:</b> Meeting to provide information on the planned construction of the Estcourt TSF, potential noise impacts and planned mitigation measures. A copy of the draft Construction Noise Management Plan was provided to the resident for comment.</p> <p><b>Stakeholder Comments:</b> Resident noted noise from the mine is audible in the early morning. Resident was satisfied that the construction activities would be managed between the hours of 7am and 7pm.</p> <p><b>Team Response:</b> Team clarified questions and agreed to make a follow up call to receive any comments and/or feedback from resident.</p> <p><b>Action Requested:</b> Follow up call to resident to receive feedback and/or comments regarding the Draft Construction Noise Management Plan for Estcourt TSF.</p> <p><b>Action Taken:</b> Resident contacted via phone and was satisfied with the contents of the draft Construction Noise Management Plan.</p>

<p><b>'Milpose'</b>          NSW          Australia</p>	
<p><b>Meeting with 'Milpose' Residents</b>          06 Aug 2010</p>	<p><b>Summary:</b> Meeting to provide information on the planned construction of the Estcourt TSF, potential noise impacts and planned mitigation measures. A copy of the draft Construction Noise Management Plan was provided to the residents for comment.</p> <p><b>Stakeholder Comments:</b> Resident noted satisfaction with the management of construction between the hours of 7am and 7pm.</p> <p><b>Team Response:</b> Team answered any questions and agreed to make a follow up call to get any comments and/or feedback.</p> <p><b>Action Requested:</b> Follow up call to residents regarding the Draft Construction Noise Management Plan.</p> <p><b>Action Taken:</b> Resident contacted via phone and was satisfied with the contents of the draft Construction Noise Management Plan.</p>

**'Adavale'**  
Goonumbla NSW 2870  
Australia

**Meeting with 'Adavale'  
Residents**  
06 Aug 2010

**Summary:** Meeting to provide information on the planned construction of the Estcourt TSF, potential noise impacts and planned mitigation measures. A copy of the draft Construction Noise Management Plan was provided to the residents for comment.  
**Stakeholder Comments:** Resident was satisfied that construction activities would be managed between the hours of 7am and 7pm and indicated that they should not be impacted by potential noises during the day due to their lifestyle.

**Team Response:** Team clarified questions and agreed to make a follow up call to get any comments and/or feedback from resident.

**Action Requested:** Follow up phone call to resident regarding the Draft Construction Noise Management Plan.

**Action Taken:** Resident contacted by phone and was satisfied with the contents of the draft Construction Noise Management Plan.