

Community Consultative Committee (CCC) Pine Dale Coal Mine – Yarraboldy Extension

**C/- Enhance Place Pty
Limited**

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**DRAFT Minutes of the Meeting of Members of the
Pine Dale Coal Mine-Yarraboldy Extension
Community Consultative Committee (CCC),
Held at the Black Gold Conference Centre,
121 Main Street, Wallerawang NSW 2845
On Thursday 31th January, 2013 at 2.00pm**

Present:	Mr Howard Fisher	(Chairman)
	Mr Mervyn Brown	(Alternate for Mrs Sharon Brown – Community representative, Gundungurra Tribal Council)
	Mr Robert Taylor	(Community representative)
	Miss Skye Ellacott	(Lithgow City Council)
	Mr Hilton Goldfinch	(Company representative)
	Mr Mark Frewin	(CCC Secretary – Company representative)
Apologies:	Mr Peter Barnes	(Community representative)

The Chairman declared the meeting open.

The apology of Mr Peter Barnes was noted.

The Chairman suggested some minor changes to the agenda to facilitate a smoother meeting. These were accepted by the attendees, and the meeting was conducted as documented below.

1. Minutes of previous meeting

A motion to accept the minutes of the meeting held on the 7th of August 2012 was passed.

Matters arising from the August meeting were then discussed.



1.1 Welcome of Mr Bob Taylor – new community representative.

The Chairman welcomed Mr Taylor and thanked him for agreeing to perform the role of Community representative for the committee. It was noted that Mr Taylor's background in mining and residence near the Pinedale site made him well qualified to represent community interests in an informed manner.

It was noted that correspondence had been received from the Department of planning accepting Mr Taylor as a member of the committee.

For the record of the CCC, Mr Taylor declared that his gun supply business supplies some minor items from time to time to the Yarraboldy Extension project. This was noted by meeting members, who considered this arrangement immaterial to both businesses, and therefore not likely to affect Mr Taylor's impartiality in representing the community.

1.2 Quorum

At the previous CCC meeting of 7th August 2012, Mr Peter Barnes questioned how many community representatives were required to attend a CCC meeting for quorum to be achieved.

After some discussion, it was determined and agreed by those in attendance that 2 out of the 3 named community representatives would be required at future meetings for a quorum to be considered met. It was noted that while a meeting date would be sought to be rescheduled where it was known in advance that any member was not able to attend, the risk of a last minute cancellation could not be ruled out. It was therefore considered and adopted, by the members of the CCC present, reasonable that one absent representative should not undermine a meeting that others had taken the time to attend.

It was also determined and agreed by those in attendance that at least one Council and one Company representative should also be represented for a Quorum.

It was noted that in a recent advertisement seeking Community representatives, no nominations had come forward. On this basis, 3 Community representatives were the acceptable representation for the Yarraboldy Extension CCC.

The Chairman directed that other matters arising that had been directed to the Company be addressed in the Company report.

2. Enhance Yarraboldy Extension – Company report

At the invitation of the Chairman, Mr Goldfinch delivered the company report.

2.1 Ground water, Surface water, Depositional dust, HVAS and Meteorological Monitoring report

The environmental performance report prepared by RCA laboratories was presented.

Mr Goldfinch noted that:

- A new section 4.3 had been added to the report, outlining blast measurement results and compliance with planning approval criteria, as requested at the previous meeting;
- He was pleased to report that there had been no exceedances of any nominated thresholds to the date of compilation of the report, including those for blasting, water management, and dust. Therefore the project was fully compliant with its environmental protection license to that date; and
- A concise summary had been added to the report to clearly state whether compliance had been achieved for each required parameter.

Ms. Ellacot noted that she liked the updated report format and found it more readable and easier to digest than at the previous meeting. This sentiment was supported by the Chairman who noted it was far easier to read. Mr. Taylor also indicated he was impressed with the report, and was surprised by the level of detail and breadth of parameters that it addressed.

2.2 Report on how the mine is progressing

Mr Goldfinch then outlined how the mine is developing, highlighting the following points:

- Spray grass had recently been applied to the large amenity bund that had been constructed to protect local residents and highway users from noise and dust from mining operations. While a high rainfall event soon after application has detracted somewhat from this attempt, it was noted that the Company was seeking to address the visual impact of the bund and that further work would be undertaken to seek to consolidate the vegetation of the bund;
- No accidents or injuries had been recorded at the operation to date, and this was a key objective of the Company to ensure work performed on the site was done safely;
- An audit on compliance with environmental and planning approval criteria was currently underway, and it was expected that the outcome of these audits may be reported at the next CCC meeting being subject to its availability.

Ms Ellacot asked if the visual bund would have further vegetation applied to it. Mr Goldfinch indicated that the initial approach was to apply spray grass containing grass species specified by the Company's consulting botanist as being appropriate for the local area. This was applied initially to establish a base level of cover and to stabilise the

surface of the bund. For the Yarraboldy project, establishment of grass is the plan for the bund, and at the end of the project the bund would be deconstructed, should there be no further works planned for the site.

The Chairman queried how many people were employed at the Yarraboldy project site. Mr. Goldfinch indicated there were:

- 12 direct employees of Dukes Mining the projects contract miner;
- With supplemental staff Dukes staff on site could increase from time to time to around 19; and
- Other consultants and staff contributing to the project were estimated at around 20.

Mr. Goldfinch indicated that he did not have exact figures to hand on the number of people who derived part of their income from the project, however he recalled that economic assessments had indicated that a measure around 3:1 was typical for projects of this type.

The Chairman noted the employment impacts of the project and the positive broader economic impact of the project on the regional economy.

Mr. Goldfinch also noted that all Coal produced by the project was utilized at the Mount Piper Power Station, and therefore directly contributed to the power supplies for the broader NSW community.

The Chairman invited any further questions on the Companies report, or the Environmental report presented by the Company.

Mr. Goldfinch offered to be available to address any more detailed questions on the environmental report by any Committee member if desired. He noted that he had had one question prior to the meeting regarding the graph in appendix 2, titled "TSP & PM10 HVAS 12-Month Comparative Results December 2011 – November 2012". This graph featured several Total Suspended Particle (TSP) spikes that may have raised questions by some readers. After consulting with the author of the document on this point, Mr. Goldfinch had confirmed that these spikes in dust corresponded with dry and windy weather patterns – and so were the result of ambient weather conditions and not mining activities. It was noted that even though these short term spikes appeared to be features on the graph, at all times the Company had been in Compliance with its dust emissions criteria during the period.

There were no further questions on the report.

2.3 Questions raised by Ms. Julie Favell

The Chairman noted that correspondence had been received from a local resident Ms. Favell via email, and that these points should be addressed. The email content is show at Attachment 2.

Mr. Goldfinch indicated he had had a long and constructive phone discussion with Ms. Favell, which had preceded the email correspondence, and which warranted discussion at the meeting. The issues discussed on the call, and conclusions of the meetings deliberations are outlined below.

a) Notice of meetings

Ms. Favell requested that residents should be informed at least a month in advance of meetings to allow time for submissions to be made to the Committee. The Chairman sought the Committees views on this, and it was agreed by the CCC that:

- Meeting notices would be issued to residents who receive blast notices one month in advance of each meeting.

b) Availability of minutes to residents without internet access

In addition, the Chairman noted that a request had been made that hard copies of the minutes of the previous meeting be distributed to residents in case they did not have access to download them from the Company's website. He suggested that other CCC groups operating in the area had adopted the practice of making minutes available at the Wallerawang library to cover this situation. It was agreed by the CCC that draft minutes would:

- Continue to be made available on the Company website; and
- Be made available at the Wallerawang library to assist residents who do not have internet access, in line with other local CCC practice.

c) Other communications suggestions

The following items were also raised in regard to CCC communications:

- An email address for complaints to be sent to was suggested. The Company has agreed to establish this facility, and will add this to blast notices to inform residents.
- The Ability to discuss complaints in person should be available. The Company confirmed this has always been available, and continues to be so. Residents may attend the site office to discuss any concerns they may have pertaining to the Yarraboldy Extension.
- It was proposed that blast notices should be made available on the website. On this point, the CCC members determined that the current practice of delivering notices to each residents address was compliant and more appropriate, and would be continued. There were concerns about the risk of website updates potentially

becoming out of date given blast management must remain dynamic to manage impacts on the community as ambient weather conditions change.

d) CCC business papers

A query was raised about the reference to CCC business papers in the previous minutes. CCC members agreed it was not worth distributing the full papers, as the key issues were covered off in the minutes.

e) Specific questions and answer to be addressed in minutes

It was proposed that specific questions posed in correspondence should be answered in CCC minutes. The members view was that the minutes should cover off the key themes of any concerns raise.

There was some discussion about whether particular complainant's names should be published in the minutes. It was viewed that names would be appropriate, unless the complainant requests anonymity, but that contact details should not be published.

f) Comment on Noise impact from inversion

Ms Favell raised concerns that some previous noise data from the Company had not appropriately taken the impacts of localised temperature inversions into account. Mr. Goldfinch disagreed, and indicated that the environmental compliance reports prepared by RCA did in fact take temperature inversions into consideration.

Mr. Taylor queried the qualifications of the Advisors, and Mr. Goldfinch noted that the RCA report was written by a "Senior Environmental Scientist", and peer-reviewed by another "Environmental Scientist".

The Chairman and Mr. Taylor noted that the Committee had to rely on the expert advisors report on such matters. The Chairman noted that the RCA report should be attached to the minutes for public viewing (see Attachment 1).

g) Comment suggesting legislation changes

Ms. Favell then noted that while a number of environmental parameters where in compliance with legislative requirements, in her view, the legislation should be changed.

The CCC noted that this was not a matter that it could deal with. Any suggestions of this nature could be taken up directly with the Government by the Complainants.

h) Interest in CCC

Ms Favell acknowledged that she had seen the advertisement seeking interested parties in taking on Community representative positions on the CCC. However, despite an interest in participating, due to work commitments she was not available to do so.

The Chairman noted this interest, and the worthwhile suggestions made in the email and telephone correspondence by Ms. Favell. He noted that the CCC would be pleased to respond to any future written concerns by Ms. Favell that came forward.

3. Matters Arising

The Chairman then asked Mr. Goldfinch to respond on the various matters arising for the Company from the previous meeting.

3.1 “Safety Alert” brochure re: Prevention and Management of Fumes from Blasting

Mr. Goldfinch tabled a summary of the procedures adopted by the Company to control fumes from the blasting process. See Attachment 3.

The key messages from this summary were that:

- Blasts are designed to minimise fumes as well as manage other impacts;
- Drill holes are audited to confirm they conform with the blast design;
- Water is removed where possible (as this may contribute to fumes), and explosive product is selected to match specific blast conditions. It was noted that often the Pinedale Yarraboldy project used a more expensive product to achieve acceptable fume outcomes compared with some other more remote mines;
- Competent shot firing professionals are used for all blasts;
- Each blast is reviewed, with any learning’s incorporated into future blasts.

CCC members did not have any further concerns with this explanation.

3.2 Company’s obligation regarding “Duty of Care” in relation to blasting

Mr. Goldfinch indicated that the Company operated its blast protocols in accordance with the “Workplace Health and Safety Act”; that persons were removed from the area of blasting prior to any blast; and, that blasted areas were inspected post detonation prior to any persons being allowed back into the area. These measures ensured that fume impacts, should they present, do not negatively impact upon employees or other parties in the vicinity of the mine.

3.3 Report re: Management’s Advice to Complainants

Mr. Goldfinch confirmed that he had issued responses to complainants mentioned at the previous meeting.

Some discussion followed about the content of the complaint register on the Company's website. It was felt that it would be appropriate to remove the names of Complainants from this register in the interests of privacy.

4. General Business

4.1 Correspondence

Mr. Frewin reported that the following outgoing correspondence has been issued:

- Letter to Ms. Sara Wilson, NSW Department of Planning and Infrastructure, Mining and Industry Projects.

This letter sought confirmation that the Department supported Mr. Taylor joining the CCC.

The following inward correspondence had been received:

- Letter from NSW Department of Planning and Infrastructure

Confirmation of the endorsement of Mr. Taylor as a member of the CCC, by the Director General.

- Email from Ms. Julie Favell

This email follows up on the phone discussion held with Mr. Goldfinch, which was responded to in more detail in section 2.3 above.

4.2 Complaints report

Mr. Goldfinch outlined several complaints received since the last meeting. These included:

- Reverse beeper too loud – a resident had complained that the reverse beeper on a piece of equipment used at the mine was too loud. After investigating this, the Company was able to adjust the volume on this system to a lower level, which resolved the matter.
- Dust on vehicle – a resident had reported to the site with his vehicle indicating that the vehicle was covered in dust and requesting a car wash voucher to clean it. The Company advised it was not able to assist with this request. It was noted in discussion that the Company remained in compliance with its Dust emissions requirements.
- Other complaints – a number of other complaints in relation to Noise, Dust and Vibration had been received over the course of the project.

Mr. Goldfinch indicated that each complaint received is investigated, and to date performance has been within statutory requirements.

Mr. Taylor then asked "What is the worst complaint received to date?" Mr Goldfinch examined his records and noted that some of the most complained about impacts included:

- Smell emanating from the use of Chicken Manure to fertilise rehabilitation areas. This was noted to be a short term impact that receded shortly after the manure was laid down.
- Road closures for blasting or other reasons tended to be controversial.
- Noise complaints from various sources had been an issue from time to time, however with the installation of the amenity bund, this had become less of an issue.

4.3 Other business

The Chairman queried if a local Councilor had been nominated to attend this CCC meeting. Company representatives indicated that they had not been informed of any nomination by the Council.

Ms Ellacot indicated that it was expected that a Councilor nominee was likely to be put forward, and she would arrange for correspondence to be sent to the CCC in this regard. Ms Ellacot indicated Mr. Colin Hunter may be nominated, as he was representing Council on several other CCC's in the area.

The Chairman suggested that post nomination, the Minutes of the meeting are provided to the Councillor nominated.

It was felt that a site visit by the CCC may provide a good introduction to the Project to a new councilor representative. An invitation is to be extended to the Councilor representative, as well as the other CCC members when the Councils nomination was received.

4.4 Next Meeting

The date for the next meeting is scheduled for Thursday 27th of June.

Meeting closed.



Attachments:

1. RCA report: Ground Water, Surface Water, Depositional Dust, HVAS and Meteorological monitoring report – November 2012.
2. Email from Ms Favell
3. Summary of blast fume management procedures
4. Correspondence to Department of Planning and Infrastructure
5. Correspondence from Department of Planning and Infrastructure

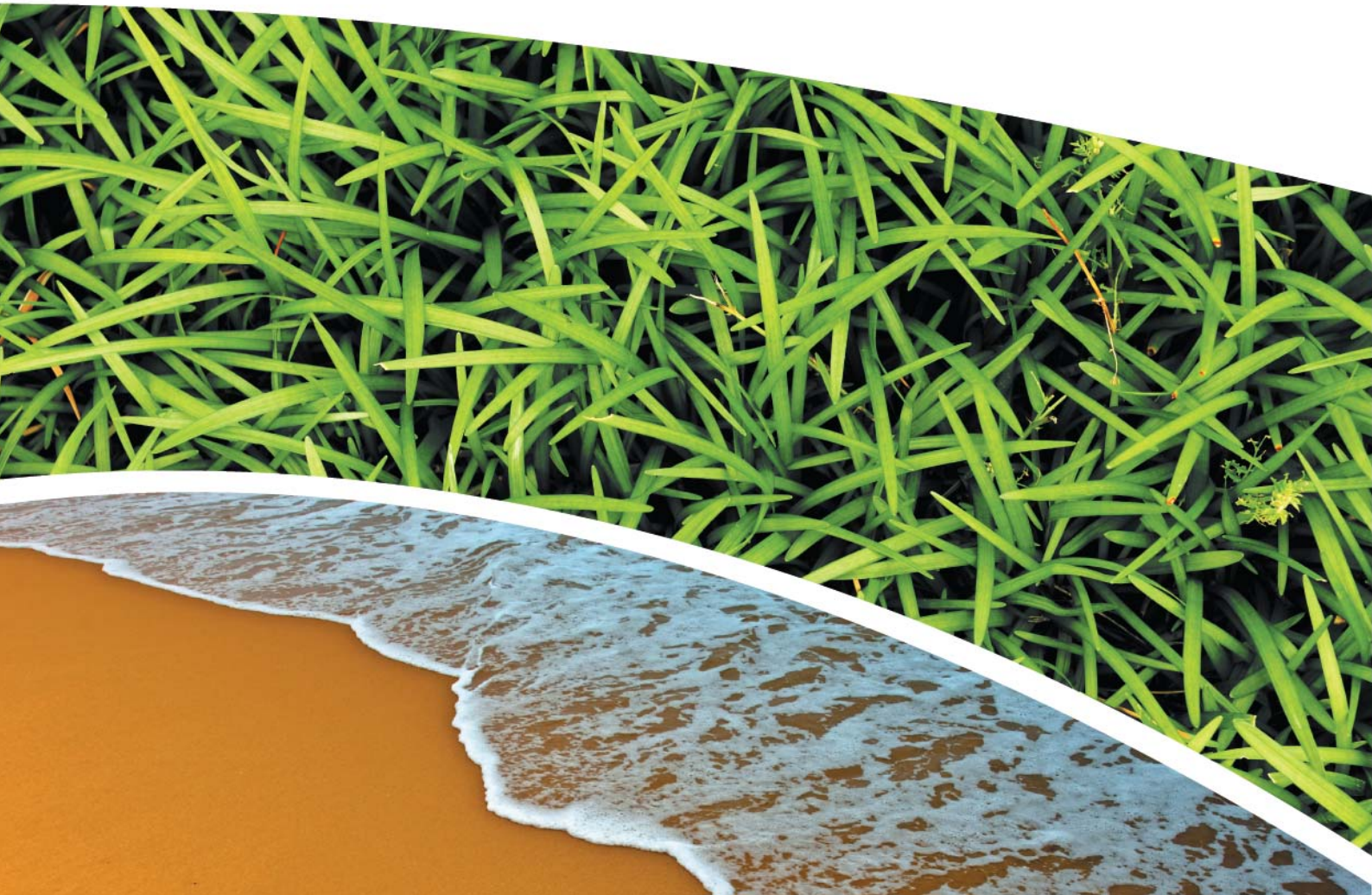


**GROUND WATER, SURFACE WATER, DEPOSITIONAL DUST, HVAS
AND METEOROLOGICAL MONITORING**

Prepared for Pine Dale Mine Community Consultative Committee

Prepared by RCA Australia

**RCA ref 6880-809/0
November 2012**



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DOCUMENT STATUS						
Rev No	Comment	Author	Reviewer	Approved for Issue (Project Manager)		
				Name	Signature	Date
/0	Final	K Shaw	K Tripp	K Tripp		22.01.13

DOCUMENT DISTRIBUTION				
Rev No	Copies	Format	Issued to	Date
/0	1	Electronic (email)	Pine Dale Mine – Hilton Goldfinch hilton.a.goldfinch@bigpond.com	22.01.13
/0	1	Electronic (email)	Truenergy- Mark Frewin mark.frewin@truenergy.com.au	22.01.13
/0	1	Electronic (email)	Lithgow City Council – Skye Ellacott Skye.Ellacott@lithgow.nsw.gov.au	22.01.13
/0	1	Bound report	Pine Dale Mine – Hilton Goldfinch PO Box 202, Wallerawang NSW 2845	22.01.13
/0	1	Bound report	RCA – job archive	22.01.13
/0	1	Electronic report	RCA – job archive	22.01.13

RCA LE ref 6880-809/0



22 January 2013

Pine Dale Mine
PO Box 202
WALLERAWANG NSW 2845

Attention: Mr Hilton Goldfinch

**REPORT COMPILED FOR
PINE DALE MINE COMMUNITY CONSULTATIVE COMMITTEE
DETAILING GROUND WATER, DEPOSITIONAL DUST
HVAS AND METEOROLOGICAL MONITORING
NOVEMBER 2012**

1 GENERAL COMMENTS

Job Number: 6880.

Date Samples Received: During the month of November 2012.

Samples received were sampled by RCA Laboratories – Environmental staff.

2 ANALYTICAL PROCEDURES

The analytical procedures used by RCA Laboratories – Environmental are based on established internationally recognised procedures such as APHA and Australian Standards. Analytical test methods are detailed in **Table 1**. When an external testing laboratory is used to obtain the analysis of samples which become a part of this report, then the details of that laboratory's official report will be attached in an Appendix.

Table 1 *Analytical Test Methods*

ANALYSIS	METHOD	UNITS	ANALYSING LABORATORY	NATA / NON-NATA ANALYSIS
Determination of Suspended Particulate Matter	ENV-LAB003	µg/m ³	RCA Laboratories - Environmental	NATA Analysis
Determination of Particulate Matter – Deposited Matter	ENV-LAB004	g/m ² /month	RCA Laboratories - Environmental	NATA Analysis
pH	ENV-LAB006	pH	RCA Laboratories - Environmental	NATA Analysis
Conductivity	ENV-LAB010	µS/cm	RCA Laboratories - Environmental	NATA Analysis
Total Dissolved Solids	ENV-LAB020	mg/L	RCA Laboratories - Environmental	NATA Analysis
Turbidity	ENV-LAB037	NTU	RCA Laboratories - Environmental	NATA Analysis
Oil and Grease	ENV-LAB022	mg/L	RCA Laboratories - Environmental	Non-NATA Analysis
Major Anions (Alkalinity, Cl, SO ₄)	ED037, ED041, ED045	mg/L	ALS	NATA Analysis
Major Cations (Ca, Mg, Na, K)	ED093	mg/L	ALS	NATA Analysis
Dissolved Metals	EG020F	mg/L	ALS	NATA Analysis

3 WATER ANALYSIS RESULTS

3.1 GROUNDWATER

A total of 5 on-site groundwater samples were collected during the month of November 2012. No sample was collected from groundwater monitoring location P4 as the bore did not contain sufficient water to sample.

Water quality analysis results are shown in **Table 2**.

Table 2 *Groundwater Analysis Results*

ANALYSIS	UNITS	P2	P3	P6	P7	P7a
Sample Number		11126880019	11126880020	11126880010	11126880021	11126880022
Date Sampled	-	22/11/2012	22/11/2012	22/11/2012	22/11/2012	22/11/2012
Time Sampled	-	14:48	14:41	13:35	13:51	13:55
Standing Water Level	m	5.46	6.02	28.05	8.12	6.12
Standpipe Height	m	0.95	0.66	0.95	1.00	0.90
Relative Standing Water Level*	m	4.51	5.36	27.10	7.12	5.22
pH	pH unit	4.9	4.4	6.6	6.6	6.7
Conductivity	µS/cm	476	754	991	745	807

NOTES:

*Depth relative to ground level (not standpipe height).

Groundwater monitoring locations are shown in **Appendix 1**.

3.2 EPA SURFACE WATER MONITORING

Routine quarterly surface water monitoring was undertaken during the month of November 2012 at three surface water sites. Water quality analysis results are shown in **Table 3**.

Table 3 *EPA Surface Water Analysis Results*

ANALYSIS	UNITS	EPA Point 2 Neubeck's Ck Upstream	EPA Point 3 Neubeck's Ck Downstream	EPA Point 14 Cox's River Downstream
Sample Number	-	11126880046	11126880014	11126880051
Date Sampled	-	22/11/2012	22/11/2012	22/11/2012
Time Sampled	-	11:11	15:53	17:04
Temperature	°C	16.0	23.0	21.5
Flow	-	Still	Slow	Moderate
pH	pH	7.3	8.0	8.2
Conductivity	µS/cm	1001	1251	965
Turbidity	NTU	3.2	3.4	2.5
Total Suspended Solids	mg/L	<5	<5	<5
Sulfate	mg/L	402	617	117
Dissolved Iron	mg/L	0.13	0.08	0.14

4 AIR QUALITY MONITORING RESULTS

4.1 HIGH VOLUME AIR SAMPLERS (HVAS)

HVAS at this facility conform to AS/NZS 3580.9.3:2003, AS/NZS 3580.9.6:2003 and AS/NZS 3580.1.1:2007.

HVAS Total Suspended Particulate analysis results are shown in **Table 3**; PM₁₀ Suspended Particulate Matter results are shown in **Table 4**.

Table 3 *Total Suspended Particulates (µg/m³ 0°C 101.3 kPa)*

RUN DATE	TSP (µg/m ³)	SAMPLE NO	FILTER NO	DATE FILTER OFF	TIME FILTER OFF	FIELD TECH	HOURS RUN
04-Nov-12	31	11126880052	8580268	07-Nov-12	12:40	Client	24.00
10-Nov-12	14	11126880054	8580270	13-Nov-12	12:55	Client	24.00
16-Nov-12	7	11126880057	8580273	19-Nov-12	11:50	Client	24.00
22-Nov-12	18	11126880058	8580274	23-Nov-12	6:23	Client	24.06
28-Nov-12	30	11126880060	8580238	30-Nov-12	11:15	Client	24.00

Table 4 *Suspended Particulate Matter PM₁₀ (µg/m³ 0°C 101.3 kPa)*

RUN DATE	PM ₁₀ (µg/m ³)	SAMPLE NO	FILTER NO	DATE FILTER OFF	TIME FILTER OFF	FIELD TECH	HOURS RUN
04-Nov-12	18	11126880053	8580269	07-Nov-12	12:40	Client	24.00
10-Nov-12	11	11126880055	8580271	13-Nov-12	12:55	Client	24.00
16-Nov-12	5	11126880056	8580272	19-Nov-12	11:50	Client	24.00
22-Nov-12	13	11126880059	8580275	23-Nov-12	6:30	Client	24.00
28-Nov-12	12	11126880061	8580239	30-Nov-12	11:15	Client	24.00

4.1.1 Allowable TSP Limits

The EPA Annual Mean TSP limit is 90µg/m³. All TSP HVAS results during this monitoring period are in compliance with consent conditions, as the *current rolling annual mean* (from December 2011 to November 2012) for the TSP unit is 23.1µg/m³, which is well below the allowable limit of 90µg/m³.

4.1.2 Allowable PM₁₀ Limits

The EPA 24h Maximum PM₁₀ Limit is 50µg/m³. The EPA Annual Mean PM₁₀ limit is 30µg/m³. All PM₁₀ HVAS results during this monitoring period are in compliance with consent conditions, as the *current rolling annual mean* for the PM₁₀ unit is 10.9µg/m³, which is below the allowable limit of 30µg/m³ and the 24 hour maximum was not exceeded on any run day during the month.

4.1.3 Comments

HVAS monitoring locations are shown in **Appendix 1**.

Graphical HVAS results presentations are shown in **Appendix 2**.

4.2 DEPOSITIONAL DUST

Depositional Dust Gauges at this facility conform to AS/NZS 3580.10.1:2003 and AS/NZS 3580.1.1:2007. Depositional Dust monitoring results are shown in **Table 5**.

Table 5 *Deposited Matter (g/m²/month)*

SAMPLE NO	DEPOSIT GAUGE	DATE SAMPLE STARTED	DATE SAMPLE COMPLETED	NO OF DAYS	NOTES	INSOLUBLE SOLIDS (g/m ² /month)	ASH (g/m ² /month)	COMBUSTIBLE MATTER (g/m ² /month)
11126880033	D1	26/10/2012	23/11/2012	28	I	1.4	0.8	0.6
11126880034	D2	26/10/2012	23/11/2012	28	I	0.9	0.5	0.4
11126880035	D3	26/10/2012	23/11/2012	28	I	1.4	1.0	0.4
11126880036	D4	26/10/2012	23/11/2012	28	I	0.6	0.3	0.3
11126880037	D5	26/10/2012	23/11/2012	28	B	3.6	1.2	2.4
11126880038	D6	26/10/2012	23/11/2012	28	I	0.7	0.4	0.3

4.2.1 Glossary of Terms Used in Notes

- I Insects (e.g. Ants, spiders)
- B Bird Droppings

4.2.2 Allowable Depositional Dust Limits

The EPA Long Term (Annual Average) Dust Limit is 4g/m² per month. All Depositional Dust results during this monitoring period are in compliance with consent conditions. The Annual Average for Dust Gauges D1, D2, D3, D4, D5 and D6 are all 1.0g/m² per month or less, which is below the allowable Annual Average Long Term Limit of 4g/m² per month.

Depositional Dust monitoring locations are shown in **Appendix 1**.

Graphical Depositional Dust results are shown in **Appendix 2**.

4.3 BLASTING

Blasting results for the month of November are shown in **Table 6**.

Table 6 *Blasting Results- Airblast Overpressure (dB) and Ground Vibration (mm/sec)*

Date	Park		Noon St.		Summer St.	
	Overpressure (dB)	Vibration (mm/sec)	Overpressure (dB)	Vibration (mm/sec)	Overpressure (dB)	Vibration (mm/sec)
7/11/2012	NT	NT	103.9	0.38	95.7	0.10
28/11/2012	NT	NT	110.1	1.61	113.7	1.61
2012 Year to Date Information						
Minimum	103.9	0.32	103.6	0.33	95.7	0.10
Average	109.1	2.14	110.0	1.33	109.8	1.74
Maximum	114.6	3.95	114.4	2.69	116.3	4.58
% > EPL 95% Compliance Criteria	0%	0%	0%	0%	3%	0%
% > EPL 100% Compliance Criteria	0%	0%	0%	0%	0%	0%

Notes: NT No Trigger

4.3.1 Allowable Blasting Limits

Conditions of EPL 4911 state that in relation to airblast overpressure levels a result of greater than 115dB must not be observed at any noise sensitive location for more than 5% of the total number of blasts over each annual reporting period. All blasts within the annual reporting period (100% of blasts) are not to exceed the compliance criteria of 120dB. Ground vibration peak velocity levels must not exceed 5mm/sec for 95% of blasts, whilst an intensity of 10mm/sec must not be exceeded by any blast during the reporting period. Pine Dale Mine's reporting period runs from 1 January 2012- 31 December 2012.

During November 2012, there were nil exceedances of the EPL conditions for both overpressure and vibration levels. Year- to- date, zero blasts have exceeded the 100% compliance conditions of 120dB and 10mm/sec for overpressure and vibration respectively. Overpressure and vibration criteria of 115dB and 5mm/sec, respectively, have not been exceeded for more than 5% of the blasts during the 2012 reporting period. Please note that data for the full reporting period has yet to be collected.

Graphical blasting results from overpressure and vibration are presented in **Appendix 2**.

5 SUMMARY

During the month of November 2012 all environmental monitoring constituents were found to be in compliance with EPL 4911.

Quarterly surface water sampling was conducted in November 2012. All required sites were sampled during this monitoring round. EPA Points 4, 5 and 13 were not sampled this month because the site was not discharging.

Rolling annual averages from both the TSP and PM₁₀ High Volume Air Samplers are currently well below the EPA Annual Mean TSP and PM₁₀ criterion of 90µg/m³ and 30µg/m³ respectively. There were zero exceedances of the PM₁₀ short term impact assessment criteria of 50µg/m³ over twenty-four hours during November 2012.

Currently there are no depositional dust gauge results which are greater than the EPA Long Term (annual average) criteria of 4g/m²/month based upon a rolling average of the past 12 months.

During November there were nil exceedances of the blasting requirements as outlined in Pine Dale Mine's EPL. During the 2012 reporting period to date, there are no non-compliances based upon the 95% or 100% limits for either overpressure or vibration levels.

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Please contact the undersigned if you have any queries.
Yours sincerely



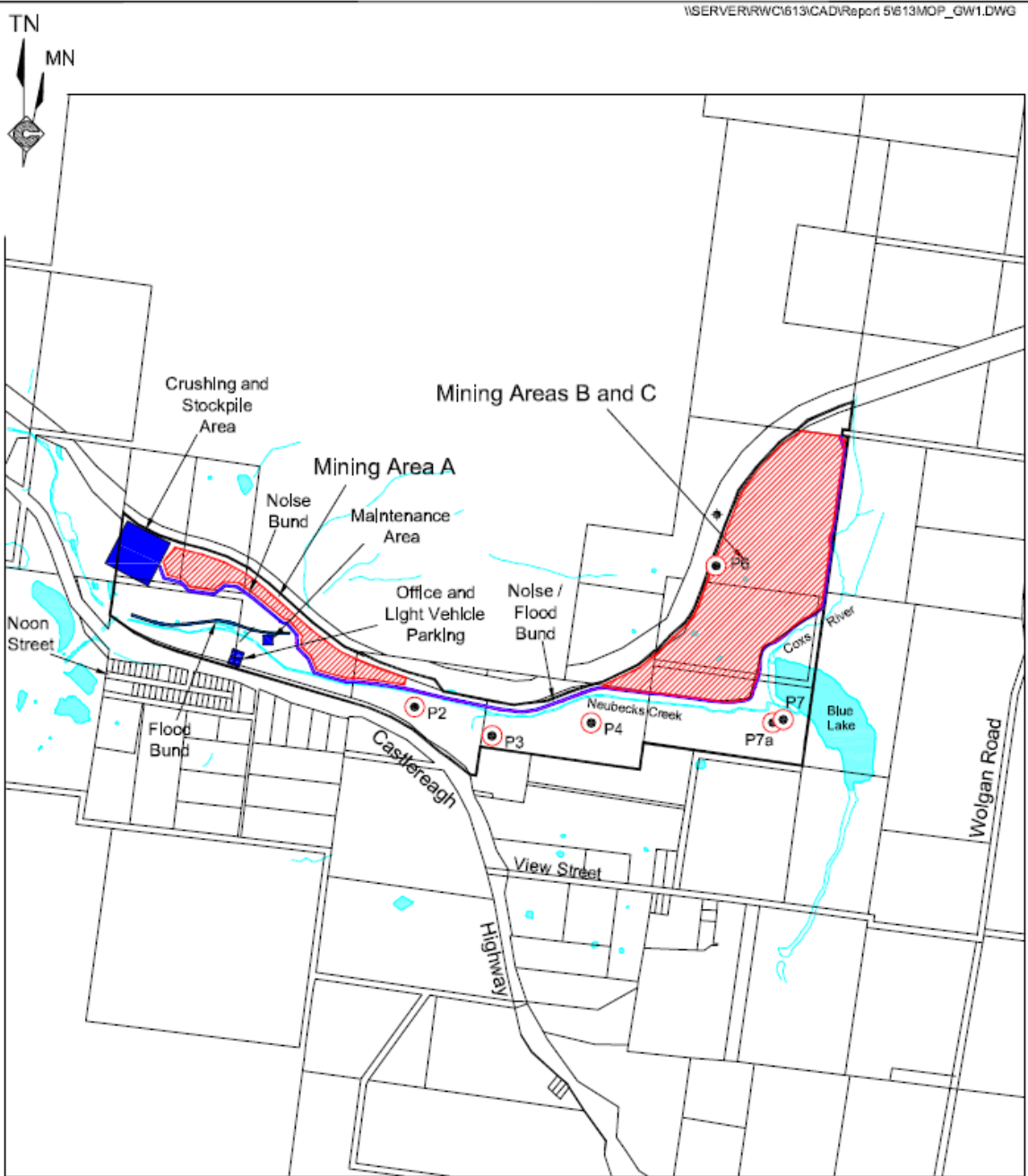
Katy Shaw
Environmental Scientist
RCA Australia Pty Ltd trading as
RCA Laboratories – Environmental



Karen Tripp
Senior Environmental Scientist / Hygienist
RCA Australia Pty Ltd trading as
RCA Laboratories – Environmental

Appendix 1

Groundwater and Air Quality Monitoring Locations



REFERENCE
— Mine Site Boundary (ML_XYZ)
● P4 Groundwater Monitoring Location

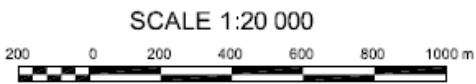
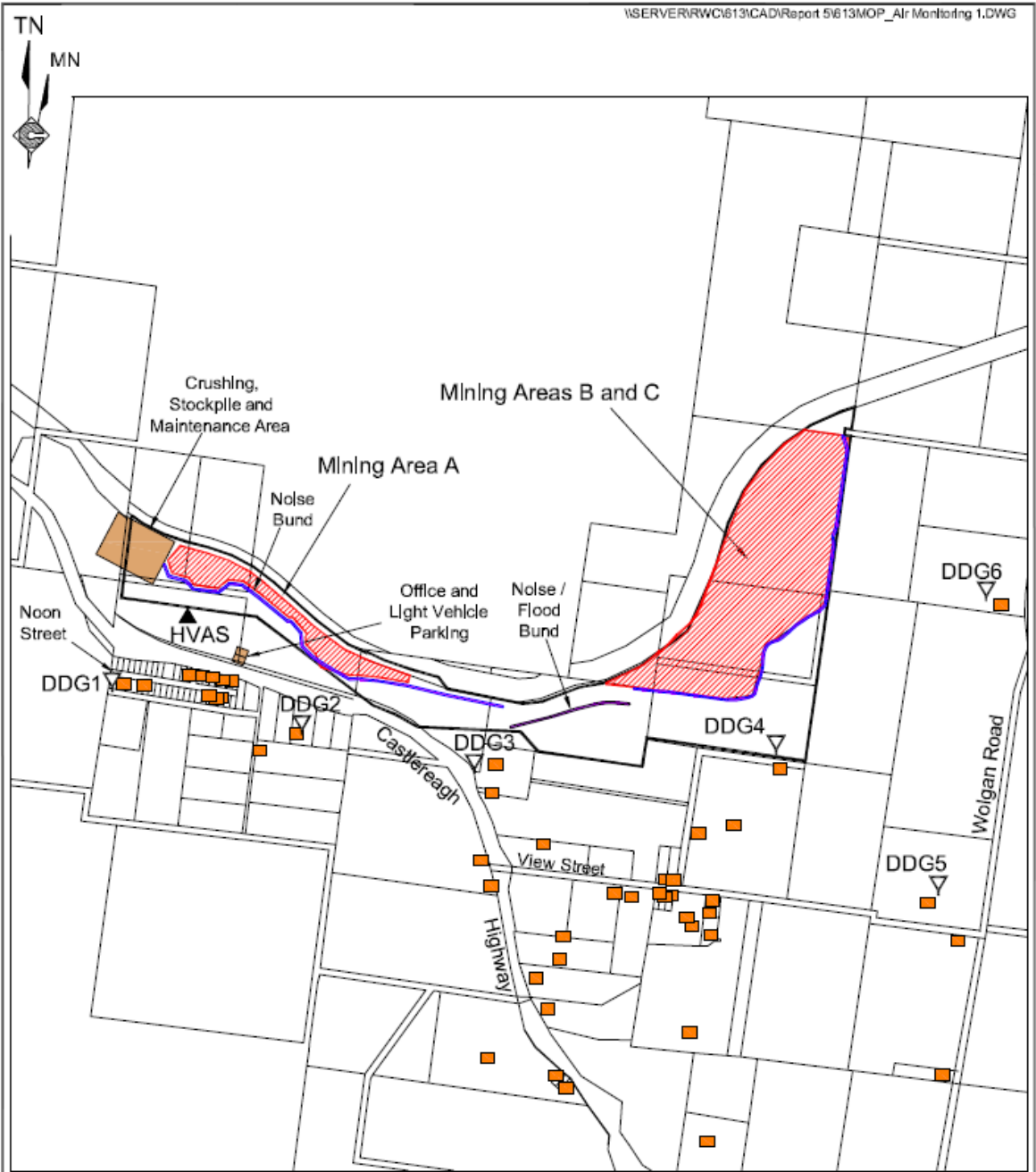


Figure GW1
GROUNDWATER MONITORING LOCATIONS





- REFERENCE
- Mine Lease Boundary (ML1578)
 - Residence
 - ▽ DDG1 Air Quality Monitoring Location (Deposited Dust)
 - ▲ HVAS Air Quality Monitoring Location (High Volume Sampling)

SCALE 1:20 000

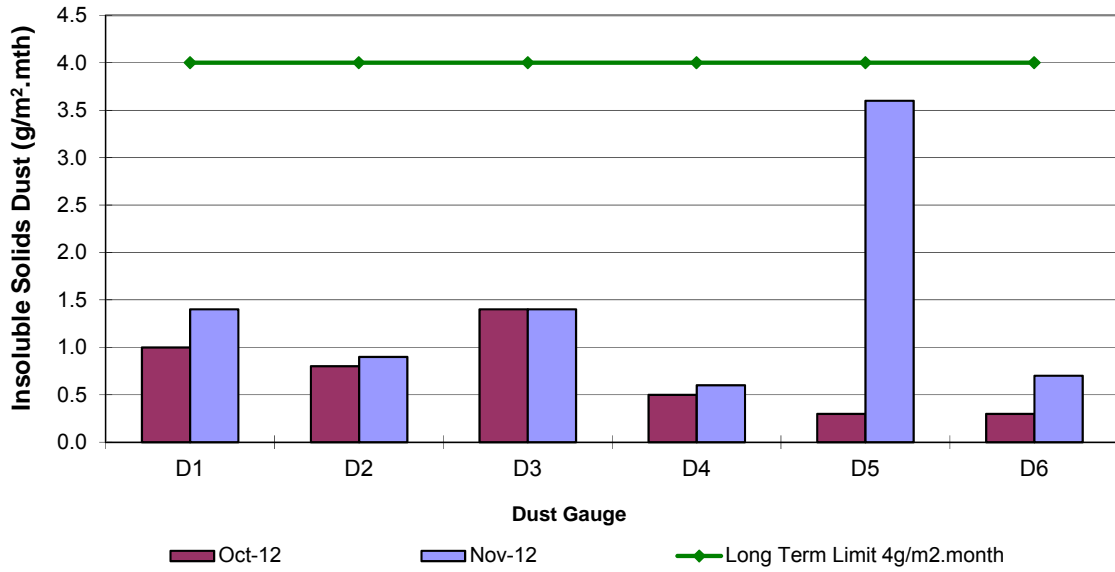


Figure AQ1
AIR QUALITY MONITORING LOCATIONS

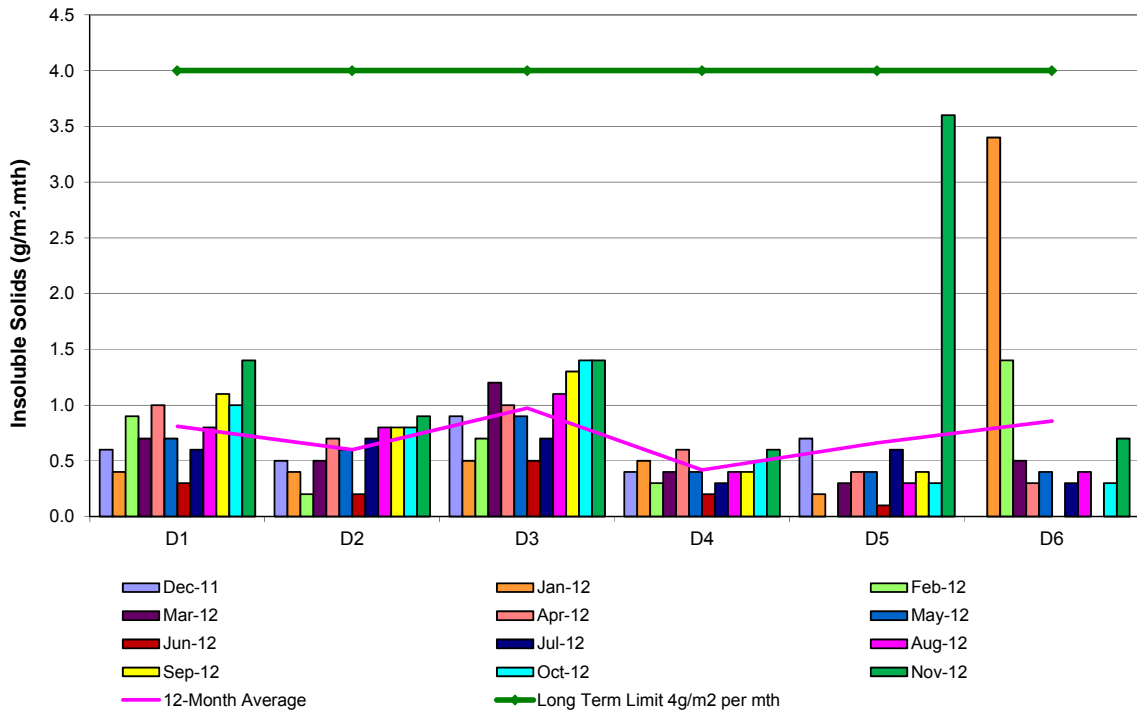
Appendix 2

Depositional Dust, HVAS and Blast Result Graphs

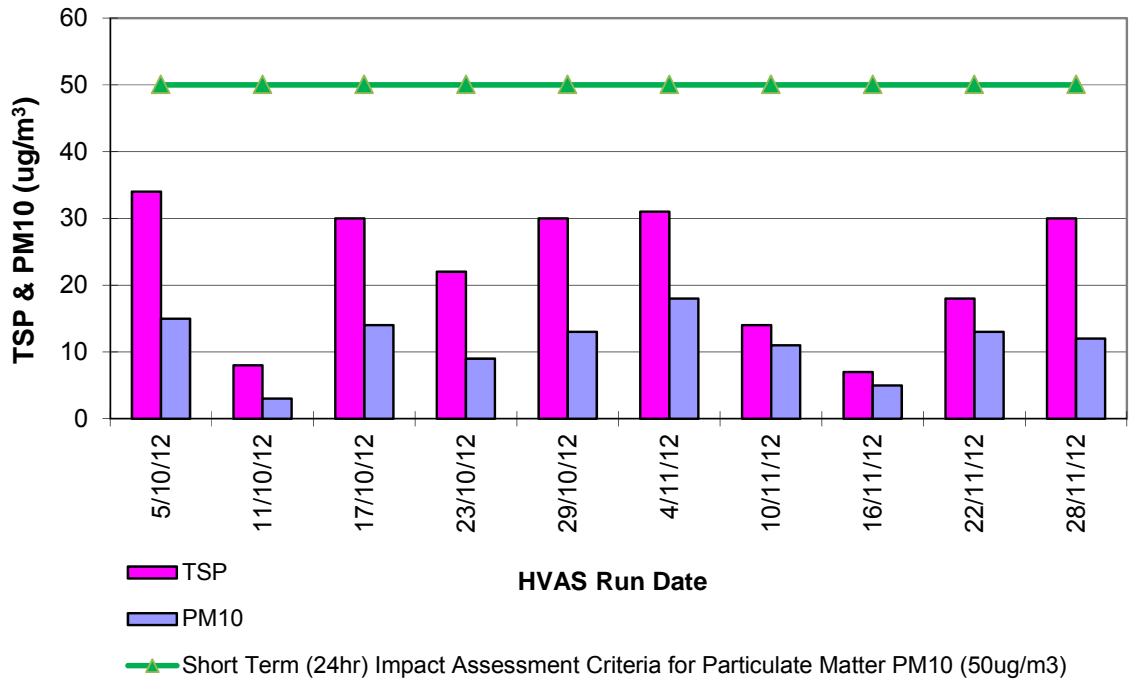
**Pine Dale Mine
Depositional Dust Gauge Comparative Results
October 2012- November 2012**



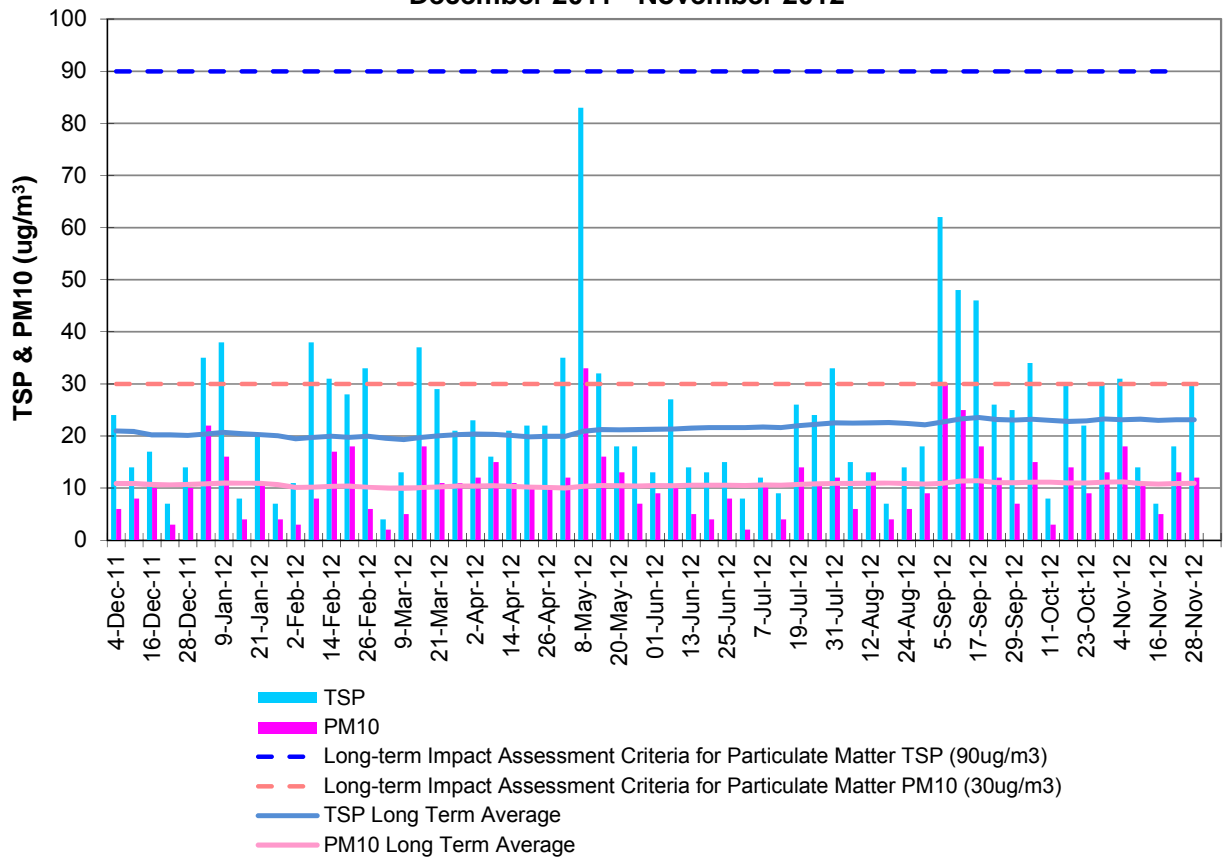
**Pine Dale Mine
Deposited Matter - Insoluble Solids 12 Months Comparative Results
December 2011 - November 2012**



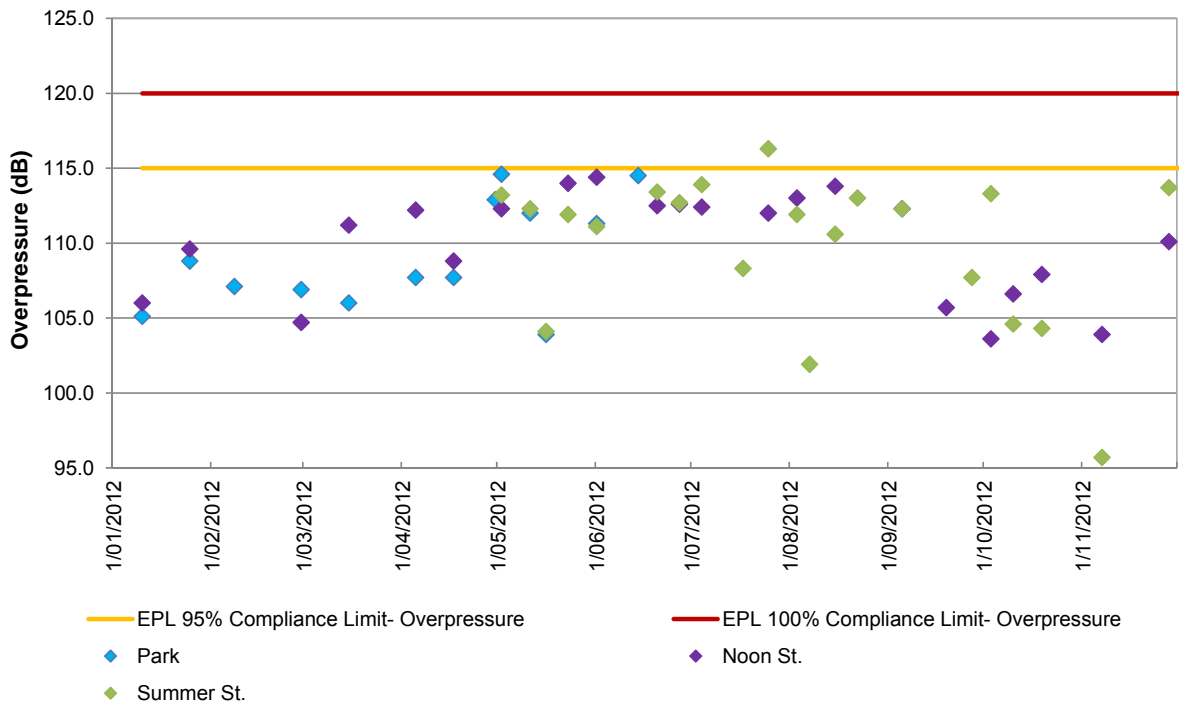
**Pine Dale Mine
TSP & PM10 Results
October 2012 - November 2012**



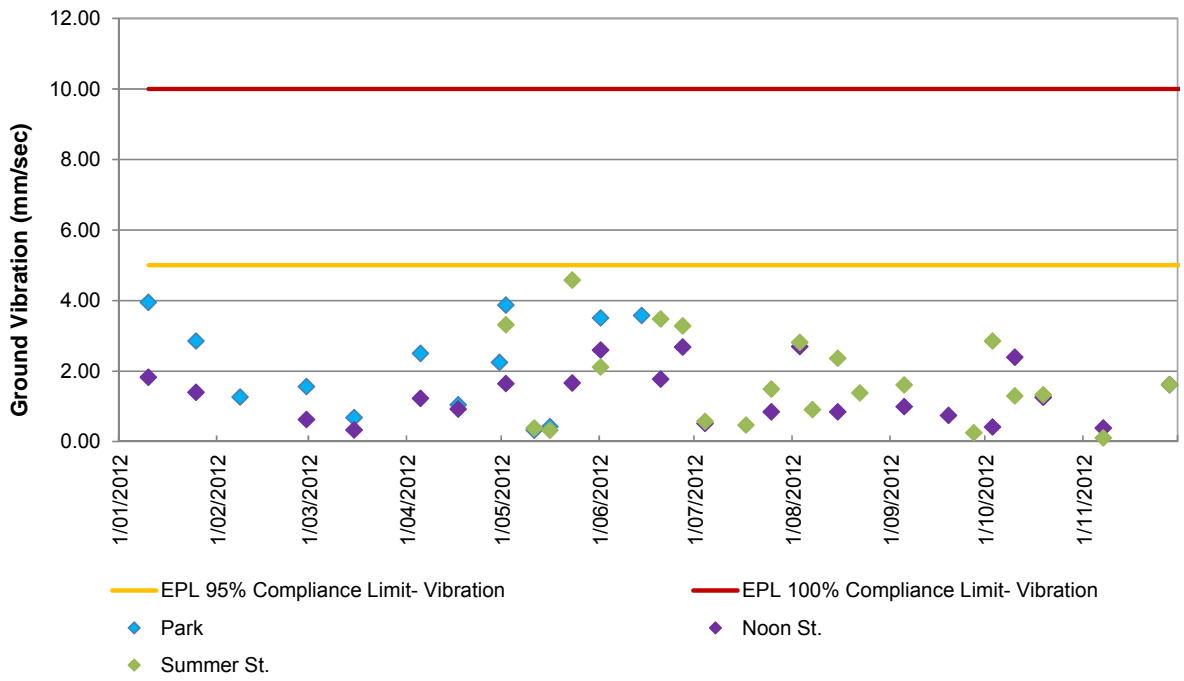
**Pine Dale Mine
TSP & PM10 HVAS 12-Month Comparative Results
December 2011 - November 2012**



**Pine Dale Mine
Blasting- Airblasting Overpressure
YTD 2012 Comparable Data**



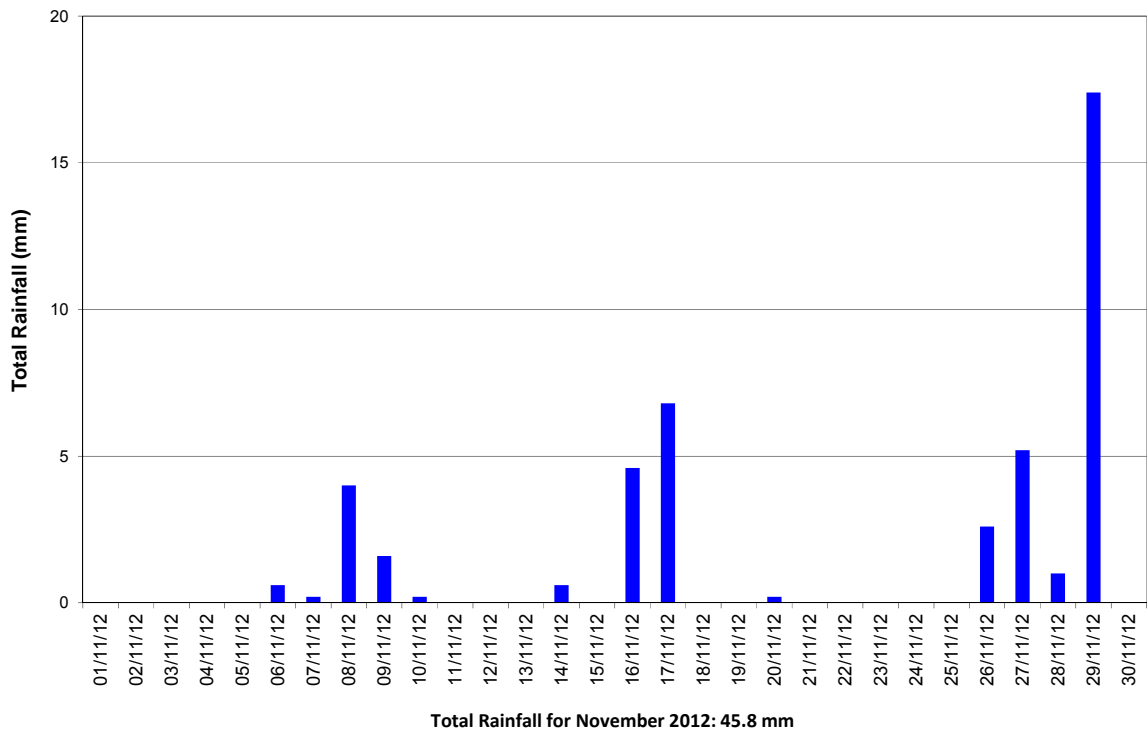
**Pine Dale Mine
Blasting- Ground Vibration
YTD 2012 Comparable Data**



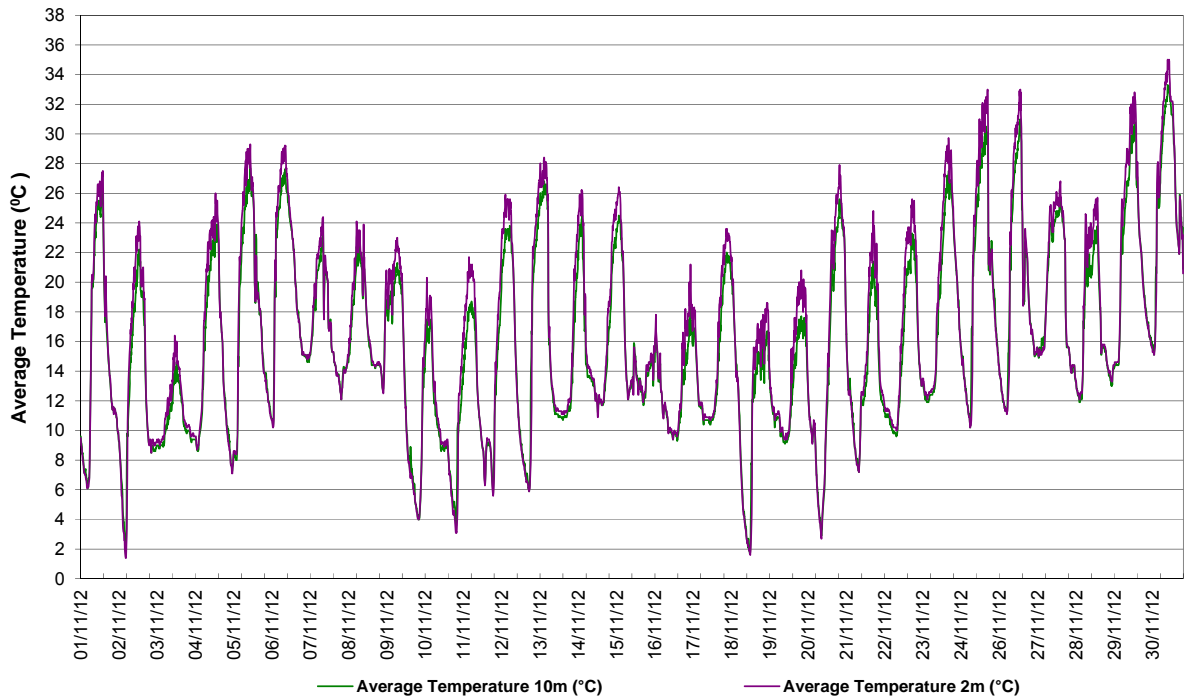
Appendix 3

Meteorological Data

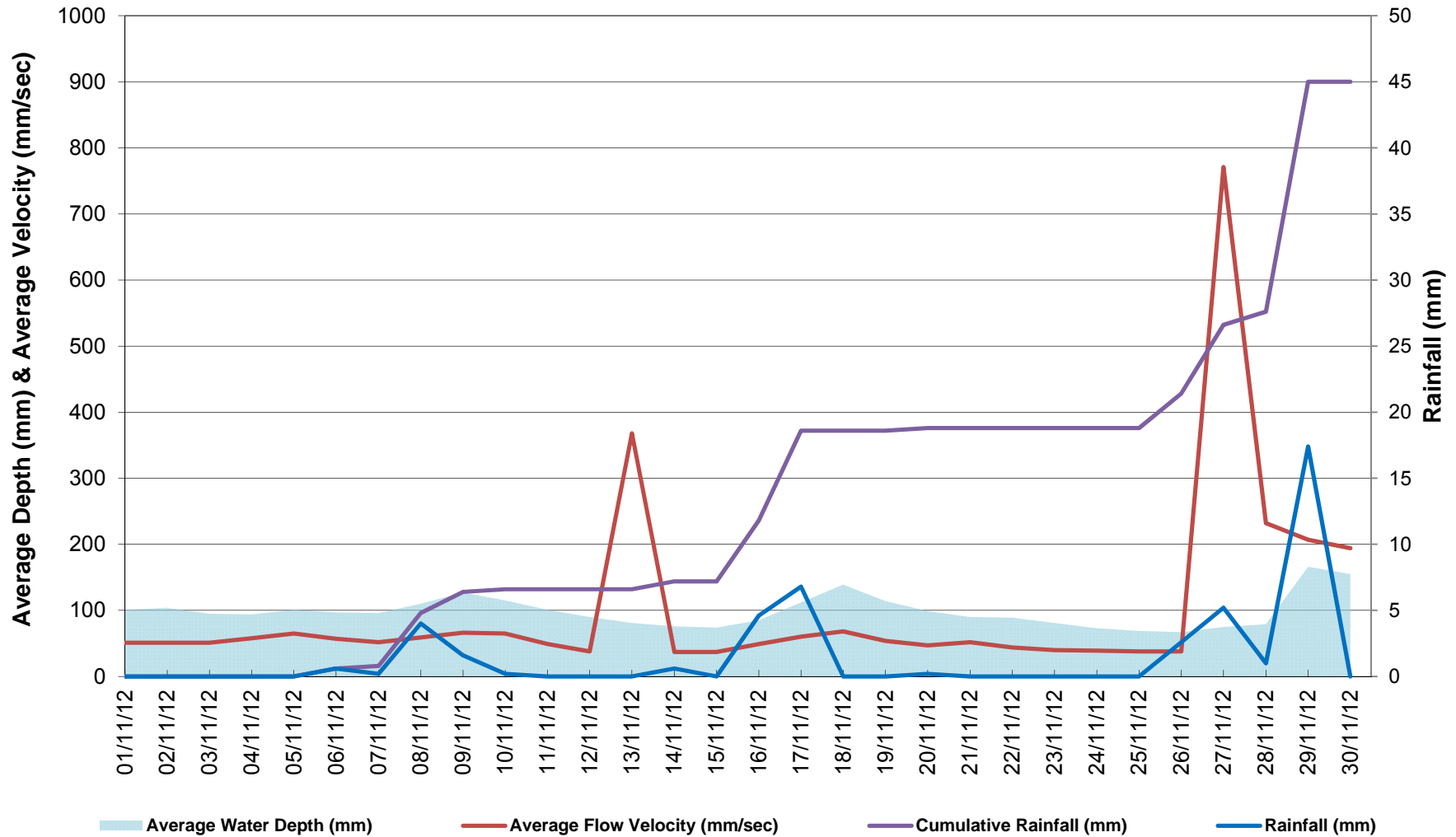
Blackmans Flat NSW
Total Rainfall - Period: 1/11/2012 to 30/11/2012



Blackmans Flat NSW
Average Air Temperature - Period: 1/11/2012 to 30/11/2012



Neubecks Creek - Blackmans Flat NSW
Average Depth & Velocity vs. Rainfall- Period: 1/11/2012 to 30/11/2012



Attachment 2 – Content of email from Ms Favell

Morning Hilton,

Thank you for sending out the notice about the next ccc meeting and giving the immediate locals an opportunity to be informed about this meeting and also to respond, it would have been more respectful if this process was done initially from the very first meeting so residents were kept informed. However, we did not receive the agenda or the draft minutes from the previous meeting. This being one of the many questions I discussed with you at length on the phone a few weeks ago, and specifically asked for the Agenda and draft minutes be sent to the immediate residents so they are aware of what has been discussed, so they can respond and have the opportunity to ask questions that are to be placed on the agenda.

I would like to also know that given we have spoken on the phone in regards to my concerns and complaints that all of those concerns and complaints will be placed in the next meetings minutes. This has not been previously done, I have only received one letter responding to my first questions/complaints via mail, from the first meeting and those complaints and concerns were not listed *in detail* on the minutes.

I did sent to the Chairperson a number of questions for the second meeting I did not see that documented in those draft minutes, and would like those questions/complaints/concerns documented.

I thank you for your co-operation with my above concerns, and as well for placing an email address on Pine Dales blast notices, which being one of my questions we spoke about over the phone.

Julie Favell

Enhance Place Pty Ltd
Operators of Enhance Place & Pine Dale Open Cut Coal Mines
ACN 077 105 867
ABN 31 077 105 867

Postal address:

*P.O. Box 202,
Wallerawang. NSW. 2845*

Mine office:

*Castlereagh Highway,
Blackmans Flat, NSW 2790*

Summary of Blasting Protocol for Fume Minimisation and Duty of Care

1. Design shot
2. Drill shot to design
3. Audit design to actual (dip holes)
4. Ascertain presence or absence of water
5. Product selection – water resistant product if required
6. Pump out any water if present and achievable
7. Load holes to plan with appropriate product
8. Record loading to planned loading parameters
9. Minimise sleep time of product in ground (<72 hours)
10. Use of quality stemming
11. Use of competent Shotfiring specialists and Blasting Services contractor
12. Duty of Care
 - a. Workplace Health and Safety Act
 - b. Persons removed from area
 - c. Inspection post blast before admission of persons to area.
13. Monitor shot performance
14. Review performance for next planned shot.

Registered office:
*Level 33, 385 Bourke Street,
Melbourne. VIC. 3000*

Community Consultative Committee (CCC) Pine Dale Coal Mine – Yarraboldy Extension

**C/- Enhance Place Pty
Limited**

PO Box 202
Wallerawang NSW 2845

Phone: (02) 6355 1761

17 January, 2012

Ms Sara Wilson
Assessment Officer
NSW Department of Planning & Infrastructure
Mining and Industry Projects
GPO Box 39
Sydney NSW 2001

Dear Ms Wilson,

Project Consent 10_0041 – Yarraboldy - Community Consultative Committee

Further to our previous correspondence of 20th July 2012 in relation to this matter and in accordance with the unanimous resolution of members at the referenced meeting, we hereby nominate Mr Robert Taylor as a most suitable replacement for Mrs Sabina Renson who resigned coincidental with her leaving the Lithgow district.

We can confirm that no other nominations were received in response to the company's invitation to participate which was advertised in the Lithgow Mercury on Saturday 28th July 2012.

We have attached Mr Taylor's acceptance together with support references from Mr Graeme Jenkins and Mr Chris Brackenrig, both respected citizens in the community.

As we are aiming to have our next scheduled meeting on or about the 31st of January, your support of this recommendation in advance of that date would be greatly appreciated. However, please do not hesitate to contact the writer on 0418 689 889 should you wish to further discuss.

Yours faithfully,
For and on behalf of the Community Consultative Committee
Pine Dale Coal Mine – Yarraboldy Extension



Howard Fisher
Chairman, Pinedale Yarraboldy CCC

All Correspondence to:
PO Box 202
Wallerawang NSW 2845



Planning & Infrastructure

**Major Projects Assessment
Mining & Industry Projects**

Phone: (02) 9228 6283

Fax: (02) 9228 6466

Email: carl.dumpleton@planning.nsw.gov.au

Room 305

23-33 Bridge Street

GPO Box 39

SYDNEY NSW 2001

Howard Fisher
Chairman
Pine Dale Coal Mine – Yarraboldy
Community Consultative Committee
PO Box 202
WALLERAWANG NSW 2845

Our ref:

Dear Mr Fisher

**Pine Dale Coal Mine – Yarraboldy
Community Consultative Committee (CCC)**

I refer to your letter dated 17 January 2013, nominating Mr Robert Taylor as a suitable community representative to replace Mrs Sabina Renson on the Pine Dale Coal Mine – Yarraboldy CCC.

The Director-General endorses the appointment of Mr Taylor to the CCC. Please inform Mr Taylor of his appointment and provide him with a copy of the *Department's Guidelines for Establishing and Operating Community Consultative Committees for Mining Projects, 2007*.

I would also appreciate it if you would pass on my thanks to Mrs Renson for her service and contribution to the CCC.

Yours sincerely

 23/1/13

David Kitto
Director
Mining and Industry Projects
as the Director-General's nominee