



**MINUTES OF THE THREE KINGS QUARRY LIAISON MEETING  
HELD AT THREE KINGS SCHOOL HALL  
ON MONDAY 31<sup>st</sup> MAY 2010**

**Present:** Winstone Aggregates Attendees:

Tony Carpenter, Bernie Chote, Richard Compton, Chris Edmonds,  
Mike Harris, Sandra Kelly

Council Attendees:

Cr. Cathy Casey – Auckland City Council  
Mike Harvey – Auckland Regional Council

Deborah Clapshaw (Chairperson/Facilitator)

Residents and Interested Parties:

Austen Bell, Three Kings United Group  
Dianne Hill, Three Kings United Group  
Prof. Dick Bellamy, South Epsom Planning Group

Rosemary Bellamy, Anna Butler, Ellis Fell,  
Peter and Veronica Friedlander, Mr L. Hill,  
Tim Millard, Pip and Chris Mules, Dawn Taylor

Apologies:

Cr. Glenda Fryer, Lee Jonas, Pat Lillis

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Prior to the start of the Meeting, residents requested a microphone be made available as they often could not hear people speaking. No microphone was readily available; however one will be made available for future meetings. **Action: S Kelly**

**1. Confirmation of Previous Minutes**

Deborah Clapshaw declared the Meeting open at 7.00 pm, adding that she saw some new faces tonight so she introduced herself, and then asked the Winstone Aggregates staff to introduce themselves too.

As Bernie Chote would be arriving a little late, Chris Edmonds welcomed everybody along.

Confirmation of the Minutes of the previous Meeting held on 15<sup>th</sup> February 2010 was sought.

Prof. Bellamy queried a statement on Page Three, Section 5., second paragraph, namely: "The proposed second access was declined by ACC, and Winstone had accepted that". Ms. Clapshaw said she would get Mr Chote to answer this query under General Business.

## **2. Site Monitoring Report**

Mike Harris presented the May 2010 Report (as attached).

### **Precise Level Survey**

Mr Harris noted that several survey marks had disappeared. Cr. Casey asked if Winstones had complained to the Council about the marks going missing. Mr Harris replied that we hadn't as the Company just accepts the loss of these as often roading contractors do not put them back after completing work on footpaths etc.

Mr Harris answered Prof. Bellamy's question about differentials, saying that the base survey is the original survey.

Mr Bell asked if the settlement alarms were a warning of future things to come? Mr Harris replied Winstones are not currently dewatering – they have been holding the water level constant since October 2002. The Consent states the dewatering of Three Kings Quarry cannot have a differential settlement greater than 1 in 1,000. At an alarm level of 1:2,000 the differential settlement was 50% of that allowed.

Mrs Hill asked if residents were notified of the alarm triggers, however Mr Harris replied that this is not a requirement of the Consent until 1:2,000 alarm levels are recorded.

Mr Bell spoke about the sewer line in Korma Road collapsing around 2004; however Mr Harris said he was not aware of this event. Was this attributable to settlement and are there marks in the area? Mr Harris to investigate the collapse of the sewer line and report back to the next Meeting.

**Action: M. Harris**

**Note:** Mr Harris has since looked into this matter, Korma Road is on the eastern side of the Masonic Village southeast of the quarry and outside the zone of influence for settlement. The damage from the collapsing sewer was during the construction of the Royal Oak Branch Sewer around 2002 which caused some property damage, and has nothing to do with the quarry.

Total settlement trends from commencement of dewatering are to be presented at the next Meeting, as well as selected differential settlements.

**Action: M. Harris**

Prof. Bellamy then raised concerns about a stone wall in the St Andrews Road / Mt Albert Road area which school children sat on. Mr Harris said he has no concerns about the wall. Prof. Bellamy then went on to say that he remembered Tonkin & Taylor had predicted there would be no subsidence from dewatering.

A resident new to these Meetings said she would like to see trend data, e.g. graphs etc. Mr Chote noted that there had been significant information discussed on these matters over the last 10 or so years and that the best place to view historical information was on the Company's website [www.winstoneaggregates.co.nz](http://www.winstoneaggregates.co.nz) This information will also be presented at the next Meeting.

**Action: M. Harris**

Mike Harvey from the ARC noted that we had had a very dry summer, offering that perhaps the differential settlement was a result of this.

### Bi-Annual Noise Monitoring

Mr Harris reported that the bi-annual noise survey had been conducted by Marshall Day (independent acoustic consultants) and had a Powerpoint slide showing compliance. A question from the floor asked what the numbers meant, and Mr Harris said it was a requirement of the Quarry Management Plan that the site be independently surveyed bi-annually to ensure compliance with Council's District Plan rules, and that previous survey results were also posted on the Company's web site. The questioner continued that there was no context to provide meaning for the numbers reported. In response, we attach the applicable District Plan noise rule which contains values typically applied to residential areas in New Zealand, and that the Three Kings site is regularly monitored to ensure it is not exceeding authorised noise levels. The link to the text to the Operative Plan is <http://www.aucklandcity.govt.nz/council/documents/district/text.asp>

### Air Quality Monitoring

Prof. Bellamy asked if the BAM results were available? Mr Harris responded that they were and that they would be produced at the next Meeting. **Action: M. Harris**

Mr Harvey reiterated why a limit of 80 µg/m<sup>3</sup> per 24 hour period was set for a residential area. He reported that he had been to the Three Kings Quarry and looked at the BAM and the camera footage. He then visited Mr Bell's residence because Mr Bell raised several concerns. Mr Bell then advised he had seen plumes of dust coming from the quarry when standing near Foodtown. Mr Chote reiterated that anybody with concerns regarding dust, or seeing dust which might be from the quarry, should immediately ring Tony Carpenter at the Quarry at the time of the event so that Winstone could investigate possible causes immediately. Mr Harvey added that there is a lot of background dust in Auckland which, on average, is 80 µg/m<sup>3</sup> for residential land which is the threshold the quarry had to work to.

### Rodent and Pest Control

A resident asked how many possums had been trapped, Tony Carpenter noted that he thought the number was approximately 35.

## **3. Quarry Complaints**

Tony Carpenter, Quarry Manager, reported that a complaint had been received from Mr Bell regarding dust and grit in the guttering at his house, which was then followed up with the ARC. As a result, Mr Harvey visited the Quarry and also Mr Bell's house last week to investigate the complaint further. The ARC is still working with Mr Bell and Winstone to address the matter.

An issue was raised over the covering of truck loads. Winstone Aggregates trucks have a policy that their loads must be covered, however this cannot be enforced on contractors / contract drivers leaving the Quarry. There is a notice at the site requesting drivers cover loads, however it was pointed out that some trucks are not able to be covered. It was noted by Winstone that all trucks on New Zealand roads are required to ensure that their loads don't cause hazards or nuisance and that this is policed by the Road Transport Authority. Again, no specific complaints have been received and hence it is difficult for the Company to address covers other than its current policy and control.

#### **4. Update on Fill Application**

Richard Compton addressed the Meeting – updating them on the second application to fill the site.

The Supplementary Application was made in February 2010. The ARC will not be having a Hearing on the Application because the Company has requested a direct referral to the Environment Court. This means the Court is the RMA “consent authority” and will hear the application together with appeals to the ACC and ARC decisions to grant consent. Mr Compton spoke to a Powerpoint slide, noting the number of submissions received and providing a broad expected timeline for the process.

Mr Compton then responded to a question about where the fill would come from – from sites all around the Auckland area, and that most of it would be tested prior to arrival at the site. All trucks arriving at the site would be visually inspected and checked for odour, and material sourced from sites not pre-approved would be subject to XRF inspection and random analytical testing.

A resident raised the possibility of Victoria Park Tunnel material coming to Three Kings. Mr Chote commented that no material would be coming from VPT as the project would be completed by the time the consent was granted.

Mr Harvey then spoke on the ARC’s definition of cleanfill and said information is contained in their Air, Land and Water Plan which is available on the ARC’s website. Mr Compton added there were two rules, but only one definition in the Plan.

Cr. Casey asked if any groups had made submissions? Mr Compton recalled some of the names of submitters, and said that it is public information. A list of submitters attached to these Minutes.

Mrs Friedlander queried the 750 truck movements per day, and was advised these were covered in the original Consent and do not form part of the Supplementary Application. Matters such as truck movements, traffic etc. would, however, be discussed at future Appeals to the Environment Court.

#### **5. General Business**

##### **Query on Minutes**

Refer to Page One – Prof. Bellamy queried the statement in the Minutes about the second access being declined by ACC. Mr Chote advised that revised wording would be inserted as per the Hearing transcript as below:

##### **3.1 Decision 2**

Last paragraph - “It is noted that consent was sought by the applicant for a second access into the site and in making this decision the Commissioners have determined that the proposed second access should not be granted consent.”

##### **10.0 Main Findings of Fact**

##### **10.9 The need for and effects of the proposed second access to the site**

In penultimate sentence of first paragraph - “ ..., in their right of reply the applicant agreed to forgo the proposed second accessway should that be the Commissioners decision.”

### **Complaint Lodged by Mr A. Bell**

Mr Bell tabled a complaint regarding dewatering.

Mr Chote reiterated that this particular topic had been covered earlier in the Meeting in that Winstones are operating within the confines of the current Consents. Mr Chote noted that Consent conditions allowed for very early warning of any issues and that the Consent conditions provide for \$5m of indemnity against damage through a bond, as well as a transparent process for property owners who consider they have been affected.

Mr Bell feels new residents should be informed of dewatering effects etc. before purchasing property in the area.

### **Future Proceedings and Mode of Operation of the TKUQLG**

Prof. Bellamy stated that the Three Kings United Liaison Group was set up originally in the hope that it would be possible to interact on a rational basis with the Company to jointly address issues, however he does not feel it is working and we should therefore re-examine the way the Meetings are run. He added that he had lost confidence in the way the Company operates the Meeting, including the following comments relevant to the TKUQLG Meeting:

- a) Does not like the way the residents are treated at Meetings, as they are intelligent people.
- b) The Company never does anything willingly, e.g. dust monitoring, wheel wash etc.
- c) He does not trust the Company

Ms. Clapshaw said over the years the issue of trust had been raised many times at these Meetings.

Prof. Bellamy asked why Winstones had to arrange and control the Meetings, as perhaps the other groups could organise and run them? He feels it should be run under a different format rather than a Company "snowball" job.

Mr Chote agreed with Mr Bellamy over the way some of the Meetings proceeded and agreed that a change might result in a better outcome for all.

It was suggested through the Chair that TKUQLG come up with suggestions to help make the Meetings more effective. Mrs Hill has agreed to work on a protocol for future Meetings, how they are run, who attends, agenda items etc., and Winstone would discuss this with her.

**Action: D. Hill**

The Meetings were set up and are currently run as per a section contained in the Quarry Management Plan, which originated from the ACC's District Plan, therefore this also needs to be referred to in order to check on how to implement any changes. **Action: B. Chote**

**Note:** An extract from the Quarry Management Plan is attached to these Minutes, along with a copy of the Council's Business Zone 7 Activities.

First item on the Agenda for the next Meeting will be: Framework of Future Meetings.

**Action: S. Kelly**

Prof. Bellamy also raised his ongoing concern about the end use of the site. Mr Chote noted that Prof. Bellamy had been involved recently in a series of workshops to determine end use through the statutory review of the ACC District Plan. The City Development Committee accepted and endorsed a set of principles, but further work has been deferred until the new Auckland City organisation is implemented.

A suggestion from the floor was that someone from the ARC and ACC should attend the Meetings regularly (i.e. always the same person) to provide an element of continuity. Winstone agreed.

**6. Next Meeting**

**Meeting delayed until after the upcoming  
Local Body / Council Elections have been held  
in November 2010**

**Meeting declared closed at 9.50 pm**

## **Site Monitoring Report – 31 May 2010**

### Groundwater Levels

- Groundwater levels in the quarry have been held above RL34m since October 2002.
- Groundwater levels in bores surrounding the quarry are generally following seasonal trends reflecting the relatively dry autumn weather.

### Precise Level Survey

- A survey of all precise level benchmarks was completed in April 2010.
- Survey results were all generally consistent with the cessation of settlement first recorded in September 2005 – survey accuracy accounted for one mark showing a movement of more than 5mm since the last survey, and one mark recorded local settlement movement from a large tree that was removed adjacent to the mark four or so years ago.
- Nine differential settlement alarm values were recorded in the Hillsborough Road / Mt Albert Road area. All alarm values were greater than 1 in 2000 and all were between marks spaced at less than 30metres.

### Air Quality Monitoring

- Dust monitoring at Three Kings Quarry consists of a Continuous Real Time Beta Attenuation Dust Monitor (BAM) and two Hi-vol TSP samplers.
- The Continuous BAM monitor has been operating since April 2008.
- The Hi-vol TSP samplers on the northern boundary and on the roof of the quarry office have been retained to provide an overlap between the real time monitor and the Hi-vol samplers.
- In total 59 samples were collected from the Hi-vol TSP Samplers from 23 January 2010 to 20 April 2010.
- Air quality monitoring results since mid January have been good, with all results less than 80 µg/m<sup>3</sup> per 24hour period.
- Results from the Hi-Vol over this period were generally less than 40 µg/m<sup>3</sup> per 24hour period. A high of 79 was recorded in the Office Hi-Vol on 13 March. On the same day the Northern boundary Hi-Vol recorded 46. The BAM monitor was experiencing a recording error on this day.

### Rodent and Pest Control

- Possum traps continue to be set within the quarry area.
- Although there has been a drop off in the number of possums caught in the last few months, these traps will continue to be set for the foreseeable future.
- Recent rat tracking has shown rats within the quarry area. Poison has been laid since mid June 2009.
- Noticeable a drop off in activity (in terms of bait taken) in recent months with the exception of the Metrowater Treatment Station corner.

### Noise Report

- A noise compliance assessment is undertaken twice a year to determine compliance with the noise rules for the site
- Last undertaken on 9 March 2010 with noise measures taken at two sites (Fyvie Avenue and Graham Breed Drive). Both were less than the District Plan requirement of 55dBA L10 (52 and 47 dBA L10 respectively).
- Next noise survey is due in September.

**8.8.2 DEVELOPMENT CONTROLS FOR THE BUSINESS 7, 7A AND 7B ZONES**

**8.8.2.1 HEIGHT**

**A. Maximum Height**

Business 7	15m above average road level
Business 7a	10m
Business 7b	8m

**Explanation**

*In all the Business 7 zones while the existence of buildings is usually ancillary to the main use of the site, the residential nature of surrounding land suggests that buildings within the zones should be kept to an appropriate scale. The height limits imposed differ from site to site in reflection of the nature of the extraction process. On those sites where stone is extracted and crushed, various fixed plant (eg rising conveyor belts) and associated buildings are located on the excavated quarry floor and any height limit must take that into account. On the site where clay is extracted, ground levels are similar to adjacent residential zoned land and thus the maximum height permitted reflects this*

**B. Special Height Limits**

The special height limits set out in Clause 5C.7.6 VIEWS shall apply where relevant.

**8.8.2.2 NOISE**

The following maximum noise levels are imposed at the interface of the Business 7, 7a and 7b zones

The L10 noise level and maximum level (L Max) arising from any activity (except blasting) measured within any residentially zoned property shall not exceed the following limits:

	TIMES	dBA LEVEL
(i) Within any residentially zoned site except at the Mt Wellington Quarry	Monday to Saturday 7.00am - 10.00pm Sunday & Public Holidays 9.00am - 6.00pm	55dBA
	At all other times	45 dBA L Max 75
(ii) Within any residentially zoned site around the Mt Wellington Quarry	Monday to Saturday 7.00am to 8.00pm	57 dBA
	Monday to Saturday 8.00pm to 10.00pm Sundays and Public Holidays 9.00am to 6.00pm	55 dBA
	At all other times	47 dBA L Max 75

In addition the L10 noise level measured on the boundary of any business zone, other than Business 7 shall not at any time exceed 70 dBA.

The noise levels shall be measured and assessed in accordance with the requirements of New Zealand Standard NZS 6801:1991 "Measurement of Sound" and New Zealand Standard NZS 6802:1991 "Assessment of Environmental Sound". Noise shall be measured with a sound level meter complying at least with International Standard IEC 641 (1979): Sound Level Meters, Type 1.

**Explanation**

*Excessive noise of sufficient duration or continuity can be damaging to public health and to the amenity of adjacent land. In the Business 7 zone the heavy nature of the extraction process and the machinery used could result in unacceptable noise. The Plan is particularly concerned to ensure that on any residential zone boundary the noise level is kept to an acceptable level.*

**8.8.2.3 YARDS**

The following yards are required adjacent to residential and open space zones and any road boundary, unless stated otherwise in the management plan for the site.





**List of Submitters to Supplementary Resource Consent Application**  
 (Formed from List in ARC's Officer's Report - with current status added)

Sub. No.	Organisation	Individual or Contact First Name(s)	Individual or Contact Surname	Joined Direct Referral as s274
1	South Epsom Planning Group (Inc)	A R	Bellamy	Y
2		Iain W	Whittet	
3		Stephen Ross	Bootten	
4	Three Kings United Group Incorporated	W N	Hoadley	Y
5		Ellis V. & Janne R.	Fell	N
6		Paul	Tonkin	N
7		Stanley Austen	Bell	N
8		Dianne & Len	Hill	N
9		Kathy	Boigas	N
10		O.M	Lichtnecker	N
11		Dawn Marguerite Zoe	Taylor	N
12		Daphne Claudia	Fox	N
13		Alan	Bigelow	N
14		Elizabeth & John	Lamb	N
15		Veronica	Friedlander	N
16		Peter Hugo	Friedlander	N
17	Trifecta Global Infrastructure Solutions	Brendan	Marsh	N
18		David	Hawkins	Y but withdrawn
19	Watercare Services Limited	Alastair	Shanks	Y
20	Metrowater	Ilze	Gotelli	Y
21	Ngai Tai Ki Tamaki Tribal Trust	David	Beamish	Y
22	Friends of the Earth (NZ)	Bob	Tait	N
23	St Lukes Environmental Protection Society Incorporated / Friends of Oakley Creek	Pat / Elizabeth	Prescott / Walker	Y
24	Ngati Te Ata	Karl	Flavell	Withdrew
25		Frederick & Janice	Swallow	N

# 1. General Introduction

## 1.1. Background to the QMP

- (a) Quarrying is a permitted activity on the Winstone Three Kings Quarry site. The operator of this quarry together with ACC and representatives of the local community have established the SLG. The purpose of this group is to consult on an ongoing and regular basis about matters associated with the operation of the quarry where they effect the community and are of mutual interest to the representative parties.
- (b) The objective of the SLG is to provide a forum where such matters can be discussed with a view to the resolution of issues raised and to achieve ongoing good relations and mutual trust between the quarry operator and the local community. The background to this QMP is set out in part 8.7.4.1 and 8.7.4.2 of the District Plan, as follows:

*“While quarrying at the existing quarry is a permitted activity, a management plan for the operation of the quarry is being developed by the quarry operator in consultation with the Site Liaison Group. The management plan will address the same matters as required by Rule 8.7.4.2 for a controlled activity application for quarrying on land which was not zoned for quarrying purposes in previous district plans.”*

*“The management plan shall generally address the following matters:*

- *Identification of the area to be quarried.*
- *A description of existing site contours.*
- *An indication of final contours and floor levels resulting from excavation including proposals for the co-ordination of final levels with adjacent land.*
- *A general description of the proposed operations and changes to the operations of any existing quarry on adjoining land.*
- *An indication of the areas used for processing, stockpiling and distribution of quarried material.*
- *Details of any Regional Council resource consents for water management.*
- *Effects on Council drainage system.*
- *Proposals to avoid, remedy or mitigate adverse effects of quarrying and to comply with development controls in relation to:*
  - *Traffic;*
  - *Dust;*
  - *Noise;*
  - *Ground vibration.*
- *Proposals including screen planting and mounding to avoid, remedy or mitigate adverse visual effects of quarrying on residential activity.*
- *Proposals for progressive rehabilitation before quarrying ceases.*

- *Rehabilitation objectives and possible techniques and an indication of the range of potential activities which could utilise the quarry when extraction is complete.”*

*“In addition to those matters, the management plan will also address procedures for continued consultation and liaison with community interests and it will describe the existing quarrying operations and any proposed changes to these. Changes to the management plan which will change the effects of quarrying beyond the boundary shall only be made after consultation with the Site Liaison Group. The quarry operator has agreed to operate in accordance with this management plan.”*

- (c) The purpose of this quarry management plan is to set out objectives and measures to maintain and enhance environmental performance of Winstone’s Three Kings Quarry while avoiding, remedying and mitigating adverse environmental effects. These objectives and measures will be set in accordance with the Company’s Vision of delivering “Economic Growth through Sustainable Practices” and the principles and policies of the Environmental Policy attached in Appendix 1.

## **1.2. Changes or amendments to the QMP**

- (a) Changes to the QMP which will change the effects of quarrying beyond the boundary shall only be made after consultation with the SLG.
- (b) A review of the QMP shall be made every two years by Winstone. Any changes identified from this review that will change the effects of quarrying beyond the boundary shall only be made after consultation with the SLG. Prior to Winstone’s two yearly reviews, Winstone will consider any changes identified by the SLG or a resident(s), after consultation with the SLG.

## 8.7.4 BUSINESS 7 ZONE ACTIVITIES

### 8.7.4.1 Activities

For the purpose of the following table:

- P** = Permitted Activity  
**C** = Controlled Activity  
**D** = Discretionary Activity

The permitted activities listed in Clause 8.7.4.1 are allowed without a resource consent where they comply in all respects with the relevant development controls and any other relevant rules in this Plan

Activities	ZONES		
	7	7a	7b
Any activity not listed as permitted or controlled activity which meets the development controls for the zone	D	D	D
Buildings and facilities for the convenience of persons employed within the zone	P	P	
Quarrying, except on land shown on Figure xA and xB	P		
Quarrying, on land shown on Figure xA, Figure xB	C		
Grazing	P	P	P
Horticulture	P	P	P
Manufacture and sale of burnt clay products, provided that the greater part of the material comprising any one product is extracted from land zoned Business 7a/7b		P	
Offices ancillary to a permitted activity	P	P	
Public reserves and recreation grounds, and buildings thereon	D		
Residential accommodation for persons who duties require them to live on the site	P	P	P
Reclamation of worked out quarries or parts of quarries by controlled filling excluding refuse disposal	D	D	D
Sale of aggregate material the dominant part of which is extracted from land zoned Business 7	P		
Use of artificial lighting on site producing an illuminance in excess of 150 lux, measured at any point on the site containing the light source, in a horizontal or vertical plane at ground level	D	D	D
Winning of clay		P	P

### General Explanation on Activities

The Plan makes limited provision for extractive industry due to the City's built character and because of environmental, public safety and amenity concerns. This limited opportunity for the extraction of minerals highlights the importance of ensuring that existing operations continue efficiently without undue hindrance. Any new quarry operations that may establish will either be on land already zoned Business 7 or will be as a result of rezoning land to Business 7 by way of a change to the Plan. Of particular concern therefore is the

fact that activities unrelated to the extractive process may wish to locate in the zone. These may either place unacceptable pressure on the extractive process with regard to matters such as in-zone safety and amenity, or may preclude or restrict the final end use of the land once quarrying has ceased. Therefore within the zone, the Plan seeks to limit activities to quarrying and to those which are ancillary or accessory to the extraction process itself. Non-extractive activities which provide a passive interim use of the land (eg grazing) are also permitted activities. However,



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*other non-extractive activities, even though they may comply with the controls for the zone, are deemed to be discretionary activities so that their effect on the existing quarry operations, the environment and amenity of the area, and on any future use of the land can be properly assessed.*

*Other activities identified as discretionary activities are those which may offer a useful interim use pending the determination of the final use of the land concerned. Such activities will be assessed against their ability to locate in the zone without detriment to the existing extraction process and the provision of temporary buildings capable of removal as part of any proposal.*

*On the north eastern portion of the Winstone's Three Kings Quarry site there exists several buildings which have been leased as premises for building supplies and related activities. It is understood that the land upon which the buildings are located will ultimately be quarried for scoria deposits. The exact timing of that process is not clear, but is likely to be at least ten years away. In the interim the Council is concerned to ensure the proper and viable use of existing buildings.*

*The Plan therefore provides for more flexibility in the type of activity which may occupy in these buildings, but requires a resource consent to ensure that the effects of any activity do not preclude future quarry operations or affect the amenity of sites adjacent to or facing the site.*

*Three Kings Quarry is a long-established quarry on Lot 1 DP 37020. Quarrying is a permitted activity on this site. The operator of this quarry together with the Council and representatives of the local community have established the Three Kings Quarry Site Liaison Group. The purpose of this Group is to consult on an ongoing and regular basis about matters associated with the operation of the quarry where they affect the community and are of mutual interest to the representative parties.*

*The objective of the Site Liaison Group is to provide a forum where such matters can be discussed with a view to the resolution of issues raised and to achieve ongoing good relations and mutual trust between the quarry operator and the local community. While quarrying at the existing quarry is a permitted activity, a management plan for the operation of the quarry is being developed by the quarry operator in consultation with the Site Liaison Group. The management plan will address the same matters as required by Rule 8.7.4.2 CONTROLLED ACTIVITIES for a controlled activity application for quarrying on land which was not zoned for quarrying purposes in previous district plans. In addition to those matters, the management plan will also address procedures for continued consultation and liaison with community interests and it will describe the existing quarrying operations and any proposed changes to these. Changes to the management plan which will change the effects of quarrying beyond the boundary shall only be made after consultation with the Site Liaison Group. The quarry*

*operator has agreed to operate in accordance with this management plan.*

### 8.7.4.2 CONTROLLED ACTIVITIES

All controlled activity applications must comply with the development controls for the zone. In addition, a controlled activity application for quarrying (including any application relating to the land shown on Figure xA and xB) shall be accompanied by a management plan which addresses the matters listed below. The Council reserves control over these matters. In granting consent to a controlled activity the Council may impose conditions in respect of the matters which are to be addressed in the Management Plan.

The Management Plan shall generally address the following matters:

- Identification of the area to be quarried;
- A description of existing site contours;
- An indication of final contours and floor levels resulting from excavation including proposals for the co-ordination of final levels with adjacent land;
- A general description of the proposed operations and any changes to the operations of any existing quarry on adjoining land;
- An indication of the areas used for processing, stockpiling and distribution of quarried material;
- Details of any Regional Council resource consents for water management;
- Effects on Council drainage system;
- Proposals to avoid, remedy or mitigate adverse effects of quarrying and to comply with development controls in relation to
  - traffic
  - dust
  - noise
  - ground vibration;
- Proposals including screen planting and mounding to avoid, remedy or mitigate adverse visual effects of quarrying on residential activity;
- Proposals for progressive rehabilitation before quarrying ceases;
- Rehabilitation objectives and possible techniques and an indication of the range of potential activities which could utilise the quarry when extraction is complete.

#### Explanation

*Rule 4.3.2 3(A) sets out the circumstances when notification of a controlled activity application may not be required. In assessing applications to extend existing quarries on to land shown on Figure xA and xB, the Council seeks to ensure a*

