

Dear Three Kings Community Member,

RE: THREE KINGS QUARRY SITE LIAISON GROUP MEETING

On behalf of GBC Winstone I would like to invite you to the upcoming Three Kings Site Liaison group meeting. This meeting is an opportunity for you to come along and learn more about the daily operations at the site and to ask company representatives any questions that you may have.

When: Monday 27th February 2017

Time: 19:00 – 21:00

Where: Fickling Convention Centre – Lynfield Room, 546 Mount Albert Road (There is ample parking directly outside.)

For your information, please find attached:

- A draft agenda of the upcoming SLG Meeting
- A summary of actions from the previous SLG Meeting
- An Executive Summary of the Site Monitoring and Quarry Operation Reports

Please forward any agenda items and/or apologies by 12 noon on Monday 27th February 2017 to Angela Klein on email: angela.klein@gbcwinstone.co.nz or phone: 027 504 3624.

If you know of any others who would be interested in attending this meeting, please pass on this invitation.

All parties welcome.

Kind Regards,



Angela Klein
Environmental Fill Specialist

If you do not wish to continue to receive such communications from GBC Winstone please advise Angela Klein (contact details are provided above).

THREE KINGS QUARRY SITE LIAISON GROUP MEETING

Monday 27th February 2017

To be held at the Fickling Convention Centre – Lynfield Room
Commencing at 7pm and concluding 9pm

AGENDA

- **WELCOME**
Circulation of the Attendance Register
- **APOLOGIES**
- **CONFIRMATION OF PREVIOUS MINUTES**
- **MATTERS ARISING OF THE PREVIOUS SLG MINUTES**
Review of the actions from the previous meeting. A summary is attached to this agenda.
- **PUBLIC FORUM**
 - SHA road closure/signage
- **SITE MONITORING AND QUARRY OPERATIONS REPORTS**
An Executive Summary of the site monitoring and quarry operation reports are attached to this agenda. To review the full reports before the meeting, please visit our website: www.threekingsquarry.co.nz > click on the “Community Liaison” tab > then click on the “SLG Minutes” tab for a list of SLG Meeting documents.
- **FUTURE DEVELOPMENT**
A Fletcher Residential Ltd representative will present on relevant future development matters for the proposed residential development of the quarry land, including the adjacent Special Housing Area.
- **GENERAL BUSINESS**
- **CONFIRM DATE OF NEXT MEETING**

For more information about the SLG meetings visit <http://www.threekingsquarry.co.nz> > Click on the “Community Liaison” tab > then click on the “SLG Minutes” tab for a list of SLG Meeting documents.

Please direct any enquiries, agenda items and/or apologies to Angela Klein, GBC Winstone Environmental Fill Specialist, phone 027 504 3624 or email angela.klein@gbcwinstone.co.nz

SUMMARY OF ACTIONS FROM PREVIOUS MEETING HELD ON 7TH NOVEMBER 2016

Action 1: A. Cave arrange to have Jane Bennett's contact details added to the website

- Actioned.

Action 2: A. Grey & A. Duncan to review the locations of the settlement markers

- To be confirmed.

Action 3: A. Grey & A. Duncan to consider if a peer review of the precise level survey results from 2016 is necessary

- To be confirmed.

EXECUTIVE SUMMARY: MONITORING REPORT AND QUARRY OPERATIONS REPORT

MONITORING REPORT

- **Groundwater Level Monitoring** - Groundwater levels are generally following seasonal trends with the groundwater level at Three Kings Quarry being held at approximately RL34m.
- **Groundwater Chemistry Monitoring** - samples for chemical analysis are required to be taken at 6 monthly intervals from the Pumping Bore within Three Kings Quarry and from BH 7 on Landscape Road (March and September). The next round of groundwater sampling is scheduled for March 2017.
- **Continuous Groundwater Quality Monitoring** - an upward drift in pH was recorded from January 2016 to July 2016. The electrode was replaced in July 2016 and is showing much more consistent results. A downward spike in the EC record in October 2016 was investigated and found to be a result of too high a flow in the sampling vessel.
- **Air Quality Monitoring** - Air Quality Monitoring equipment at Three Kings Quarry consists of two Continuous Real Time Beta Attenuation Monitors (BAM), time lapse video cameras and a metrological station. The office BAM unit recorded two air quality triggers since the last SLG meeting. All other air quality monitoring results recorded since the last meeting have been less than 60 micrograms per cubic meter as a 24 hour average.
- **Noise Monitoring** - Noise monitoring was undertaken on the 14th November 2016 by Marshall Day Acoustics Ltd. The measured sound level at Fyvie Avenue monitoring position was compliant. There was an exceedance of 3 decibels at the Grahame Breed Drive monitoring position. GBCWinstone implemented changes to the position of mobile plant within the site and internal vehicle routes. A

follow-up survey was completed on the 20th December 2016, sound levels at both monitoring positions were compliant.

- **Soakage Infrastructure ASCNMP** - In order to avoid, remedy and mitigate any adverse noise effects from the soakage infrastructure project, an Activity Specific Construction Noise Management Plan (ASCNMP) has been implemented. A copy of the ASCNMP can be found on our website: www.threekingsquarry.co.nz under the “Management Plans & Regulatory Structure” tab. Alternatively, you can contact Angela Klein on 027 504 3624 or angela.klein@gbcwinstone.co.nz.

QUARRY AND FILL OPERATIONS REPORT

- **Daily truck movements** - The total number of trucks to enter site per day has been below the consented limit of 375. An average of 118 trucks entered site per day over the last 6 months.
- **Pest Control** – Possum traps and rat bait stations continue to be checked and baited. Seven possums have been caught since the last SLG meeting.
- **Complaints/Incidents** – Four complaints were documented since the last SLG meeting. The incidents and complaints procedure and reporting requirements are adhered to as per the TMP.
- **Fill Weighted Rolling Mean** – All parameters are less than trigger limits.