

Dear Three Kings Community Member,

**RE: THREE KINGS QUARRY SITE LIAISON GROUP MEETING**

On behalf of GBCWinstone and Fletcher Living 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 about operations at the site, future development and to ask company representatives any questions that you may have about the day to day site activities.

**When: Monday 27<sup>th</sup> November 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 27<sup>th</sup> November 2017 to Angela Klein on email: [angela.klein@gbcwinstone.co.nz](mailto: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 27<sup>th</sup> November 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**
- **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](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.
- **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 current and previous SLG Meeting documents.

Please direct any enquiries, agenda items and/or apologies to Angela Klein, phone 027 504 3624 or email [angela.klein@gbcwinstone.co.nz](mailto:angela.klein@gbcwinstone.co.nz)

# SUMMARY OF ACTIONS FROM PREVIOUS MEETING HELD ON 28<sup>TH</sup> AUGUST 2017

- **Action 1:** A. Cave to send information on HPMV permits to L. Corrick
- **Action 2:** A. Klein and Auckland Council to provide D. Bellamy a copy of completion report/monitoring overview prepared at completion of March 2017 lime trial.
- **Action 3:** A. Cave to prepare a circular to encourage residents to attend

## 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 above 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). Results from the September 2017 monitoring round have been received since the last SLG meeting. All parameters were less than the trigger limits with the exception of Zinc in BH7. BH7 currently has no direct groundwater link to Three Kings Quarry. Auckland Council and Watercare were notified of the trigger exceedance.
- **Continuous Groundwater Quality Monitoring** - Continuous monitoring of electrical conductivity (EC) and pH is required to be undertaken in the Three Kings Quarry pumping bore. New pH & EC probes were installed at the Three Kings Quarry pumping bore in August 2015. The pH & EC probes are calibrated quarterly by an external technician and the pH electrode has been replaced annually in July 2016 and July 2017. No pH triggers have been recorded since the last SLG meeting.
- **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. Air quality monitoring results recorded since the last SLG meeting have been less than 40 micrograms per cubic meter as a 24 hour average. No air quality triggers have been recorded since the last SLG meeting. The detector system of the Southern Boundary BAM was found to be faulty and a new detector was installed in October 2017. Data from the Southern Boundary BAM during the period 29<sup>th</sup> September – 19<sup>th</sup> October 2017 was deemed either invalid or unavailable. Auckland Council was notified.

- **Noise Monitoring** – To ensure that the noise performance standards set in the District Plan and consents authorising filling are met, monitoring on two representative occasions per year is undertaken. The next round of noise monitoring will be undertaken in November/December 2017

## **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 63 trucks entered site per day over the last 6 months.
- **Pest Control** – Possum traps and rat bait stations continue to be checked and baited. Eight possums have been caught since the last SLG meeting.
- **Complaints/Incidents** – No complaints have been received since the last SLG meeting.
- **Deep Fill and Shallow Fill Weighted Rolling Means** – All parameters are less than trigger limits.