

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 28th May 2018

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 28th May 2018 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 28th May 2018

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 > 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

SUMMARY OF ACTIONS FROM PREVIOUS MEETING HELD ON 26TH FEBRUARY 2018

- **Action:** A. Klein to engage external company undertaking weed control at the Three Kings site to address the moth plants and Woolly nightshade along sections of Western boundary. **Actioned.**

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 March 2018 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 41 micrograms per cubic meter as a 24 hour average. No air quality triggers have been recorded since the last SLG meeting. The Southern Boundary BAM unit encountered several issues since the last SLG meeting resulting in periods of missing and/or invalid data. During this time the BAM unit located at the site office continued to work as normal.
- **Precise Level Survey** - The annual precise level survey has been undertaken and the results are currently being analysed.

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 23 trucks entered site per day over the last 6 months.
- **Weed Management & Pest Control** – Weed control within the site is undertaken fortnightly by an external company on an as needed basis by certified staff using nap sacks and best product for application. Woolly nightshade and Moth Plant present along sections of the western boundary is being managed by removal and/or sprayed by application on an ongoing basis. Possum traps and rat bait stations continue to be checked and baited. No possums have been caught since the last SLG meeting.
- **Complaints/Incidents** – One complaint has been received since the last SLG meeting regarding washings from watercart at quarry entrance running under fenceline into SHA area. A contractor has been engaged to fix the issue.
- **Deep Fill and Shallow Fill Weighted Rolling Mean** – No deep fill has been received at Three Kings Quarry since December 2017. All shallow fill weighted rolling mean parameters are less than trigger limits.