

MEETING DETAILS

Due to COVID-19 restrictions, the fall 2020 CLC meeting is unable to be held in person. A quarry update will be distributed to CLC members via email, along with an opportunity for CLC members to provide feedback and questions regarding quarry and related operations.

CLC MEMBERS

Community Representatives

Present

- Barry Dalrymple (chair)
- Richard Craig
- Rod Mackay
- Wayne MacRae

Sovereign Representatives

Present

- Gary Rudolph
- Rhett Thompson

Invited Guests

Present

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Administrative Business

- ✓ CLC Membership
 - 2-year CLC membership terms are scheduled to conclude in Spring 2021. Thank you to all who have participated in the CLC and continue to represent the interests of the local community. For those who are willing, we will be requesting to extend these terms by an additional 2-years. For those who would like to resign from the CLC we would appreciate any assistance in identifying a replacement member.
Please let Rhett Thompson know prior to the Spring 2021 CLC meeting if you intend to extend your term or resign from the CLC.
 - We have previously discussed adding an additional member(s) to the CLC.
Please let Rhett Thompson know prior to Spring 2021 CLC meeting if you have a potential candidate in mind.

Follow Up Items

- ✓ Sovereign Quarry Approval Amendment - Changes to Environmental Monitoring Locations
 - Focus of previous CLC meetings was to review and discuss proposed changes to the Sovereign approval defined environmental monitoring network. Proposed changes would provide clarity on monitoring locations, harmonize blast and ambient air monitoring stations, align with RLQ blast monitor stations, and provide flexibility for future monitoring program adjustments.
 - Sovereign submitted an Industrial Approval amendment application to NSE on February 11, 2020. An amended approval, effective August 31, 2020 has been received from NSE and the requested changes to the environmental monitoring network have been made. A copy of the updated approval is attached to the email distribution of this CLC update and is publicly available online through the NSE Industrial Approval Database.

New Topics

- ✓ Review of 2020 Quarry Operations
 - Quarry Status – seasonal crushing operations at the Rocky Lake Quarry are scheduled to conclude the week of December 7, 2020. Typical winter activities will include shipping aggregate to market, performing crusher and heavy equipment maintenance, cleaning of wash ponds, clearing and grubbing of 2021 extraction areas, and continued operation of the various business units and facilities at the site.
 - Environmental Monitoring – 16 blasting events have been conducted at Rocky Lake Quarry in 2020, with 1-2 more planned prior to year end. All blasts are monitored at 6 different locations within the local community, with an occasional floating unit added if warranted. All

seismograph readings were well below approval limits for all blasting events. Quarterly surface water and groundwater monitoring associated with the Sovereign quarry continues to be conducted to further develop baseline conditions prior to the quarry advancing into the Sovereign Quarry permit area.

- Public Inquiries – Sovereign has an established protocol for receiving and recording public inquiries or complaints. For the first time in several years, Dexter received calls regarding blasting events at the Rocky Lake Quarry. Below is a summary of inquiries received in 2020:
 - October 1, 2020: A resident of Portobello Road (Waverley) called regarding a blasting event on this date and expressed concern with the vibration of the blast. All blast results were well below approval limits.
 - October 15, 2020: A resident of Stone Hedges Lane (Waverley) called regarding a blasting event on this date and expressed concern with the vibration of the blast. All blast results were well below approval limits. An additional seismograph was deployed to the property for subsequent blasting events.
 - October 15, 2020: A resident of Oakmount Drive (Bedford) called regarding a blasting event on this date and noted that they felt the blast, and thought it was significant. No significant concerns or damage, just wanted to convey observations.

--- Update emailed to CLC Members on November 26, 2020 ---
(please provide feedback by December 3, 2020)

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- ✓ Feedback from the CLC
 - All CLC members reviewed the content provided.
 - No quarry related complaints or issues raised by the local community
 - Barry Dalrymple and Richard Craig indicated a willingness to extend CLC term an additional two years (Spring 2021 – Spring 2023).
 - Wayne Macrae indicated a willingness to remain part of the CLC in the New Year and will assist in identifying a replacement.
 - ✓ Rocky Lake Quarry Blast of November 30, 2020
 - Following distribution of the CLC update, a blast was conducted at Rocky Lake Quarry on the morning of November 30, 2020 which generated some community interest. Several calls were received from concerned community members expressing that the blast was much more noticeable than others. Following receipt of several community calls, the Sovereign CLC was notified via email on December 1, 2020 to confirm that a blast had conducted at the Rocky Lake Quarry which was generating more community interest than usual.
 - Most calls from the community were from the Lakeview area, however two calls were also received from Waverley, and one from Bedford. All calls were documented through the established protocol.
 - The blast was similar in size to other blasts throughout the year and was monitored at 7 different locations around the quarry, including residences in Waverley, Lakeview, and Bedford. The highest seismograph readings were in the Lakeview area (Vibration: 1.458 mm/sec; Sound Pressure: 120.6 dB), and all monitoring results were well below approval limits (12.5 mm/s; 128 dB). Blast results were submitted to NSE.
 - Subsequent investigation with the blasting contractor attributed atypical environmental conditions as a contributing factor in the perceived greater impact of the blast. Work with the blasting contractor will continue to identify potential improvement opportunities so that the situation is not repeated in the future, including the possibility of the quarry providing advance notice for planned blasting events when possible.

Sovereign to bring forward at next CLC meeting for discussion.

--Meeting Minutes emailed to CLC Members on December 7, 2020 and added to the Sovereign website--
(<https://www.municipalgroup.com/heavy-civil-services/sovereign-resources>)