

## MEETING DETAILS

**Date:** December 7, 2021  
**Time:** 11:00 am – 1:00 pm  
**Location:** Dexter Construction Head Office; 927 Rocky Lake Drive, Bedford, NS

## CLC MEMBERS

### Community Representatives

Present

- Barry Dalrymple (chair)
- Wayne MacRae
- Rod Mackay
- Glenn Black
- Richard Folk

### Sovereign Representatives

Present

- Gary Rudolph
- Rhett Thompson

### Invited Guests

Present

- Paul Purcell (Dyno Nobel)
- Gavin Isenor (Sovereign)

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## MEETING AGENDA

11:00 CLC Meeting

- Introduction and Welcome

### Administrative Business

- Review Mandate
- CLC Membership
  - Seeking New CLC Membership Candidates

### Follow Up Items

- None

### New Topics

- Review of 2021 Quarry Operations
  - Rocky Lake Quarry / Sovereign Resources Quarry
- Environmental Monitoring
  - Baseline Noise and Particulate Monitoring
  - Particulate Monitoring: Hi-Volume Sampling vs. Real Time Monitor
  - Sovereign Quarry Approval Amendment Application
- Dyno Nobel Blasting Presentation
- Feedback from the Community
- General Discussion and Questions
  - Highway 107 Extension
  - Halifax Noise Bylaw
  - Lake William Trail Update

12:00 Lunch (Sovereign Provided)

--- Meeting Agenda emailed to CLC Members on December 3, 2021 ---

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**MEETING MINUTES**

Administrative Business

- ✓ CLC Membership
  - Welcome to new CLC members Glenn Black and Richard Folk. The 2021-02 meeting is the first meeting for both members. A copy of the CLC Terms of Reference was provided to the new members.
  - Richard Craig has withdrawn from the Sovereign CLC.
  - Sovereign will continue to seek new members from the local communities surrounding the quarry.
  - The local MLA and HRM Councilor would like to attend a future CLC Meeting. ***Sovereign to invite MLA and HRM Councilor to spring 2022 meeting.***

Follow Up Items

- ✓ None

New Topics

- ✓ Review of 2021 Quarry Operations
  - Seasonal crushing operations at the Rocky Lake Quarry are scheduled to conclude the week of December 13, 2021. Typical winter activities will include shipping aggregate to market, performing crusher and heavy equipment maintenance, cleaning of wash ponds, clearing and grubbing of 2022 extraction areas, and continued operation of the various business units and facilities at the site.
  - No aggregate extraction from the Sovereign Quarry in 2021.
- ✓ Environmental Monitoring
  - Baseline Noise and Particulate Monitoring
    - In fall 2021, Sovereign contracted a third-party consultant to undertake a baseline noise and particulate (dust) monitoring event at the Quarry. The baseline monitoring was completed at the 5 residential locations identified in the Sovereign Quarry Approval. The draft report indicated that all results were below the applicable approval limits.
  - Particulate Monitoring: Hi-Volume Sampling vs. Real Time Monitor
    - The Sovereign Quarry Approval requires that particulate monitoring be completed using a hi-volume air sampler. A hi-volume sampler continuously draws air through a filter to collect particulate matter. The filter is then sent to a laboratory to be weighed and analyzed to determine the average concentration of particulate in the air during the sampling period. The hi-volume air sampler is a dated technology that requires an external power source and is somewhat noisy while operating.
    - A real-time particulate monitoring continuously draws air through a laser that measures particulate content. All measured data is recorded via and internal datalogger. The datalogger is downloaded to provide immediate

results. The real-time sampler is battery operated, allows for assessment of various sized particulates, allows for timely results and efficient mitigative response, and is not disruptive. Overall, a real-time particulate monitoring unit allows for more logistically feasible deployment of resources than a hi-volume sampler.

- As part of the baseline particulate monitoring event, 2 hi-volume samplers were operated in parallel with real-time monitors. The separate monitoring technologies provided comparable results.
- Sovereign Quarry Approval Amendment Application
  - Sovereign would like to amend its existing quarry approval to allow for the use of real-time particulate monitors as part of its regular particulate monitoring program. Any proposed changes to the Sovereign monitoring programs require approval from the Sovereign CLC.
  - The proposed industrial approval amendment to allow for dust monitoring using a continuous, real-time monitoring unit was discussed. All members supported the proposed amendment.
  - Sovereign will prepare a letter of support from the CLC for Barry Dalrymple (CLC chair) to sign. The letter will be included with the future industrial approval amendment application.  
***Sovereign to draft letter and coordinate CLC signoff.***
- ✓ Dyno Nobel Blasting Presentation
  - Paul Purcell (Dyno Nobel) presented on blasting at the Rocky Lake Quarry. Topics discussed included: types of explosives, hole loading, blast initiation systems, and included videos of blasting events at the Rocky Lake Quarry.
  - Community Member noted that 15-years ago blasting events felt much more significant. Blasting events have become less noticeable over the years.
- ✓ Feedback from the Community
  - Member noted that it would be interesting to see historic air photos of the quarry and surrounding area.  
***Sovereign to obtain available historic air photos for spring 2022 meeting.***
- ✓ General Discussion and Questions
  - Highway 107 Extension
    - Dexter Construction is currently undertaking work on the Highway 107 Extension project which is between the Rocky Lake Quarry and Bedford community. There will be daily blasting associated with this project.
    - Community Member comment / question: There were several complaints from the community when the Bedford Commons was constructed years ago. Will construction equipment associated with the Highway 107 Extension project be operating late at night?  
At the time of the meeting the project schedule is not known.
    - Community Member comment: The Bedford community was notified prior to blasting associated with the Highway 107 Extension project, however notification was vague and not well circulated within the community.

There is some concern within the community regarding the size and frequency of blasting.

- Lake William Trail Update
    - 2021 work focused on improving trail conditions on the section of trail immediately following the pedestrian bridge. Included installation of cross drainage culverts and gravelling of a 400-meter section of trail.
    - Preparation of wetland educational signage is on-going, with the intent to install signage in spring 2022.
    - Community Member comment: the Lake William Trail is well used and an asset to the community.
  
  - ✓ Next CLC Meeting Date
    - Next meeting Spring 2022  
***Sovereign to coordinate meeting details prior to the next meeting.***  
--- Meeting Minutes emailed to CLC Members on December 13, 2021 ---
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