

MEETING/PROJECT NAME:		Goffs Quarry Community Liaison Committee – Meeting # 11	
DATE OF MEETING:	Wed. September 9, 2020	TIME:	6:30 PM – 7:30 PM
MEETING CHAIRPERSON:	Robert McPherson – Sitting in for Bud Baker for this meet.		
PREPARED BY:	Angela Freeborn Office Manager/Scale Scotian Materials Ltd.	LOCATION OF MEETING:	Holiday Inn Express, Halifax Airport 180 Pratt & Whitney Dr. Enfield, NS B2T 0A2
1.0 MEETING OBJECTIVE			
Review the blasting monitor results, discuss the community feedback policy, the complaint procedures and the dispute resolutions policy.			
2.0 ATTENDEES			
Robert MacPherson – Scotian Materials		Mimi LeCain	
Angela Dicker		Bill Horne	
Angela Freeborn – Scotian Materials			
3.0 REGRETS			
Bud Baker		Anna McCarron	
Heather MacKay		Keri Irwin	
Dean Bouchard		Jason Crowell	
Sean MacLean		Martin Zwicker	
5.0 AGENDA AND NOTES, DESCUSIONS, ISSUES			
TOPIC		DISCUSSION	
1.0	INTRODUCTIONS	Committee members agreed to proceed with the meeting with the reduced attendance. The full package will be included with the minutes to all members. If requested by absent members the items can be revisited in the next meeting.	
2.0	CALL TO ORDER	Chairperson not in attendance; therefore, Robert McPherson was appointed to lead the meeting.	
3.0	PROCEEDINGS	Minutes were reviewed and no corrections required. Moved into the Blasting Monitoring results with Robert MacPherson.	
4.0	BLASTING MONITORING RESULTS	Rob reviewed the blast monitoring results dated from 2019 to present and indicated all were in compliance with operating permits. Two additional seismographs were placed at two additional residential locations in Miller Lake West as requested at the last meeting and arranged for by members. Results were in compliance with operating permits.	

		<p>One of the residents at the new residential locations expressed an issue with the monitoring contractor as did the monitoring contractor with the resident. It was decided that an alternate location should be found as neither party was willing to work with the other moving forward.</p> <p>A question was raised as to whether there would be expansion into the Waverly Game Sanctuary. Rob explained the quarry footprint and buffers remains as presented in the approval submissions and that no activity or encroachment of buffers occurs in the Waverley Game Sanctuary.</p>
5.0	COMMUNITY FEEDBACK POLICY	<p>Rob presents the community feedback policy requested b the committee in the previous meeting. He explains where the policy is located on the website, how to find it and what is included in the policy. He moves on with a brief description of the requested information which should be included when giving feedback for best response and how it helps with appropriate follow-up. Rob then reviews the formal Policy process, discussing the step by step process leading to the end results.</p>
6.0	WELL COMPLAINT PROCEDURE	<p>Rob outlines the draft of the Domestic Well Concern Policy developed per the committee’s request during the previous meeting. He explained the potential action plans based on the two different proximity zones known as, Zone 1 and Zone 2. He then continues with explaining Zone 1 as the radius of the quarry’s anticipated radius of influence and Zone 2 being the radius outside of the quarry’s radius of influence. He explained the two processes and the actions associated with each.</p>
7.0	DISPUTE RESOLUTION	<p>Rob explained the status of the Dispute Resolution Policy raised by committee members during the previous CLC Meeting. Rob explained that after reviewing, it was recommended that the existing processes and legal rights that exist to deal with disputes were sufficient. It was recommended that no new process be re-invented and to leave the process and remedies as they currently stand.</p>
8.0	COMMUNICATION PLAN	<p>Rob advised that the communication plan is still being evaluated to determine what should be communicated, when and by what means.</p>

		<p>Rob Indicated that he feels the Scotian Materials website is still the best form of communication. Finding the best way to drive traffic to the Scotian Materials website needs to be finalized.</p> <p>It was proposed that a couple times a year a postcard could be sent out to assist with generating traffic to the website.</p> <p>A question regarding if it would be beneficial to post the quarry blasting schedule on the website. Rob advised the risks of doing this due to changes in the blasting timing resulting from any unforeseen circumstances.</p>
9.0	Q & A - DISCUSSION	<p>A member suggested it may be beneficial to have Rob's insight on the progression of things between meetings through a blog or other means.</p> <p>Rob then advises the progress on Goffs Quarry, touching base on items such as:</p> <ul style="list-style-type: none"> • How well the market has received Scotian. • The frequency of blasting last year and why it is less now. • The creation of employment for local truckers. • Employment opportunities to come.
10.0	FUTURE MEETING DISCUSSION	<p>Attending members agreed to a schedule the next CLC meeting on Wednesday, March 3rd, 2021 at 6:30 pm. Location to be confirmed prior to meeting.</p>
MEETING ADJOURNED:		Robert Adjourned the meeting at 7:31 pm
NEXT MEETING DATE:		Wed. March 3, 2021
		TIME:
		6:30 PM – 8:30 PM

Goffs Quarry Blasting Results

		906 Perrin Dr	906 Perrin Dr	Pipeline	340 Preakness	340 Preakness	477 Preakness	477 Preakness
Blast No.	Date	PPV (mm/s)	dB(L)	PPV(mm/s)	PPV (mm/s)	dB(L)	PPV (mm/s)	dB(L)
Allowable Limit		12.50	128.00	12.50	12.50	128.00	12.50	128.00
1	2017-11-21	0.97	89.60	Machine Setup Fault				
2	2018-04-24	0.36	88.90	1.88				
3	2018-06-07	0.60	92.28	2.60				
4	2018-10-30	0.78	94.05	1.60				
5	2018-11-15	0.75	104.20	2.05				
6	2019-04-12	0.99	100.20	1.65				
7	2019-06-04	0.93	97.53	1.14				
8	2019-07-19	0.44	97.16	1.62				
9	2019-09-20	No trigger	No trigger	2.42				
10	2019-10-29	1.84	103.30	1.63				
11	2019-11-15	0.87	106.50	2.44				
12	2019-11-29	No trigger	No trigger	3.45				
13	2019-12-13	1.40	107.40	3.51				
14	2020-01-21	No trigger	No trigger	1.13				
15	2020-02-04	1.31	101.00	1.06				
16	2020-02-21	0.78	105.00	1.03				
17	2020-05-13	0.88	100.6	2.16	No trigger	No trigger	0.60	97.71
18	2020-07-07	0.64	114.6	5.64	0.36	109.4	0.65	112.00



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Community Feedback

Community Feedback Policy:

Scotian Materials Limited strives to conduct all operations at the highest level of industry standards possible. We understand that a significant part of being a responsible organization is transparency and participating in constructive dialogue with members of the communities in which we operate.

At times, community members may have questions, comments, concerns or other feedback for us. To address this, we have developed a formal Community Feedback Policy. This is our commitment to being responsive, and to addressing your concerns in a prompt and thorough manner to the best of our ability.

If you should have any feedback or questions about our operations, please email Scotian Materials President, Rob MacPherson, at robert@scotianmaterials.ca or call 902-481-9800 ext 3.

The more detail you can provide us with, the better. We ask that you please include:

- Your name,
- Your address or community
- Your contact info such as phone number or email
- Details of your feedback

When it comes to concerns coming from our fellow community members, we treat these situations with the utmost importance and caution. We have independent consultants who regularly monitor our operations including vibration limits during blasting, groundwater levels and quality as well as surface water quantity. This information is used to assist us in evaluating concerns, implementing mitigation measures, and to ensure that we continue to operate in full compliance with requirements provided by Nova Scotia Department of Environment.

Upon completion of our review, we will report back to you with our findings and any proposed mitigation or actions that we plan to take. Depending on the results of the review, mitigation could include sharing of information and education, additional monitoring, or changes to job procedures.

To provide feedback to Scotian Materials, please email President Rob MacPherson at robert@scotianmaterials.ca or call 902-481-9800 ext 3. If sending an email, please include your name, address or community, phone number, and a detailed account of the feedback you wish to provide.

[Contact Us](#)

Domestic Well Concern Policy

The following Domestic Well Concern Policy was developed to outline the steps to be undertaken in the event of a community concern regarding homeowner's domestic well function in proximity to the Goffs Quarry.

Should a community member have a concern regarding the functioning of their domestic well they can be reported to Robert MacPherson at 902-481-9800 ext 3 or robert@scotianmaterials.ca. A complaint report will be filled out identifying the concerns raised and actions taken per this policy.

Two action plans have been developed based on the proximity to the quarry identified as Zone 1 and 2 each with a level of response appropriate to the anticipated influence based upon the groundwater level monitoring and known effect on groundwater levels. Should ongoing monitoring of groundwater and blasting at the quarry indicate any changes to the anticipated influences the action plans would be adjusted accordingly. This policy will be reviewed annually for any required changes.

Zone 1 - concern received for well within 500 m from the extraction boundary of the quarry

- Scotian will contact local well contractors in the event of a well malfunction and those within this zone will be supplied a temporary water supply if the issue cannot be easily determined and rectified. The contractor will then rectify the problem as expeditiously as possible provided the landowner authorizes the work.
- If the concern raised by the landowner is related to loss of water supply, Scotian will have a consultant/contractor determine the likely causes of the loss of water supply, which can result from a number of factors, including pump failure (owner's expense), extended overuse of the well (owner's expense) or lowering of the water level in the well from potential quarry interference (quarry expense). This assessment would be carried out at the expense of Scotian and the results provided to the landowner.
- If pump failure is the problem and, should the landowner choose to have the pump repaired or replaced at their expense, the contractor would correct the situation for the landowner.
- If the well interference is determined to be caused by Scotian quarry activities then water well supply mitigation will be considered. If the water level in the well is lowered to a point where it has interfered with pumping, there are a few initial steps that the consultant/contractor will determine the feasibility of, including adjusting the pump pressure or lowering the pump level in the well. In the event that the

171 Resource Rd.
Goffs, NS B2T 0L2

T. 902 481 9800

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well is incapable of providing water (i.e., the water level is too low in comparison to the depth of the well), or the repair to the pumping system will be more than a day, the consultant/contractor will continue to supply potable water source for the residence until restoration of the well is complete. These actions would be carried out at the expense of Scotian.

- In extreme cases where the water level in the well has been lowered significantly by Scotian quarry activities, the well may have to be deepened, widened or relocated at the expense of Scotian.
- In Summary, mitigation for affected wells could include the following measures: lowering of the pump to take advantage of existing storage within the well; deepening of the well to increase the available water column; widening of the well to increase the available storage of water; relocation of the well to another area on the property; drilling of multiple low yield wells; and implementation of additional storage that can be filled with water from the existing well on a low yield setting.

Zone 2 - concern received 500 m to 1.5 km from the extraction boundary of the quarry.

- A Scotian representative will call or visit the site to discuss the concern with the landowner.
- The Scotian representative will collect information on the well from both the landowner and available databases. A desktop review of the information will be conducted along with a review of the groundwater monitoring and blast monitoring data from the Goffs quarry.
- If through the review of the information and based on discussions with the landowner, it is determined that the quarry has had an effect on the well then the actions outlined for Zone 1 will be employed.



Complaint Report

Complaint Receiving info		
Complaint Received by:	Date:	Time
Complainant name:		
Address:		
Phone #:		
Email:		
Summary of Complaint		
Conditions at time of Complaint		
Weather	Wind	Temperature
Activity on site		
Investigation		
Remedial Actions Taken		