



## THEAKSTON ENVIRONMENTAL

### Consulting Engineers

596 Glengarry Cr., P.O. Box 390  
Fergus Ontario N1M 3E2

Telephone: (519) 787-2910

Facsimile: (519) 787-2918

<http://www.theakston.com>

Email: [mailto:spollock@theakston.com](mailto:mailto:spollock@theakston.com)

June 19, 2013

Shawn Persaud, BA, MCIP, RPP  
Manager of Planning & Development  
Township of Tiny  
130 Balm Beach Road West  
Tiny, ON L0L 2J0

Dear Mr. Persaud:

**Re: Aeroustics Peer Review of Theakston Revised Acoustic Assessment  
Report No. 10751 for Cedarhurst Quarries and Crushing Ltd.  
Sibthorpe Pit**

Since the latest peer review of Theakston's Acoustic Assessment Report for the Sibthorpe Pit, changes to the mining of the pit have occurred resulting in most of 'Phase 3', the west extremity of the pit, no longer being mined. As a result, the east extremity of the pit, formerly referred to as Phase 4, is now referred to as Phase 3. The attached Acoustic Report has been revised to reflect this change and to address Aeroustics' peer review comments, dated May 7, 2013.

In addition we submit the following itemized responses to Aeroustics' peer review comments:

1. Mitigation measures and equipment as described in the revised Acoustic Report dated June 2013 will be included in the Operational Plan.
2. Cedarhurst Quarries and Crushing Ltd., has confirmed a 10 metre berm height is achievable along the east extremity of the licensed boundary.
3. Cedarhurst Quarries has indicated that more loaders may be required on site than previously assessed. As such, six (6) loaders were assessed for Phases 1 and 2 and the prevailing sound levels remained well within compliance. For Phase 3, however, a limit of three (3) loaders is required, in order to remain in compliance with MOE sound level limits.
4. The mining of the pit may require several 'active faces' since the type of material on the site varies with location. There will only be one crushing plant and one screening plant on site at any given time, or two screening plants. However, the material fed to

the processing plants may be taken from different faces. This flexibility does not affect the sound levels at nearby Points of Reception.

5. For Phase 3 of extraction, equipment needs to remain close to the working face in order to remain in compliance, which is why a restriction has been incorporated into the Operational Plan regarding the maximum setback distance allowed.
6. The requirement to confirm sound level emissions prior to Phase 3 extraction has been incorporated into the Operational Plan.

If you have further questions or comments, please do not hesitate to contact us.

Kindest regards,



Chris Quinke B.Sc.

cc. Dennis Simmons  
R.J. Burnside & Associates Limited  
Aeroustics Engineering Limited  
Les Selby



**Theakston  
Environmental**