

May 7, 2013

R. J. Burnside & Associates Ltd.

3 Ronell Cr.
Collingwood, Ontario
L9Y 4J6

Attn: Mr. Ron Kerr

RE: Peer review of Cedarhurst Quarries and Crushing Ltd. Sibthorpe Pit
Acoustic Assessment Report prepared by F. H. Theakston Enviro. Control.

Aeroustics Engineering Ltd. (Aeroustics) was retained by R.J. Burnside to conduct a follow-up peer review of the information provided by Theakston Environmental (Theakston) in response to Aeroustics' previous reviews¹.

AEL received an updated report entitled "Revised Acoustic Assessment Report – Sibthorpe Quarry" dated February 28, 2013, as well as supplementary noise prediction model calculation sheets.

The purpose of our peer review was to provide our opinion if the report satisfactorily addresses the environmental noise impact issues. The purpose of a noise study is to demonstrate the feasibility of the proposed operation to comply with the applicable noise guidelines.

Based on all the data provided, Aeroustics has the following concerns:

1. The Operational Plan's notes should include the equipment types, numbers and maximum allowable noise emissions levels (per Table 1) and provide clear details on all noise controls (including berm construction & phasing). Please confirm this information is included in the operation plans.
2. The height of the Phase 4 east side barrier has been increased from 5 m to 10 m. Please confirm the berm height can be achieved.
3. The report lists a maximum of 4 extraction loaders. In the CadnaA "Figure 2" noise plots, Figure 2v (Worst Case 5) shows only a single extraction loader and Figure 2vii (Worst Case 7) shows only 3 extraction loaders. Similarly, Table 2vi shows 3 loaders while Figure 2vi indicates 4 loaders. Please provide a clear outline of how many loaders are permitted in each scenario. If a restriction in the number of loaders is required for these scenarios, it should be included in the report and the Operational Plan.

¹ Aeroustics letters titled "Peer Review of Cedarhurst Quarries and Crushing Ltd. Sibthorpe Pit" dated May 1, 2012 and dated November 2, 2012

4. In regards to the Teedon Pit to the south, the report states that the two pits will be mined simultaneously but with only one active face. Please confirm that this restriction will be included in the Operational Plan and that no other processing will occur in one pit while the active face is in another.
5. In worst-case 6 & 7, it appears the equipment is operating very close to the working face, and as close as possible to the berm. Please confirm that the receptors are within compliance if the equipment were moved away from the working face.
6. Aeroustics would recommend that the sound level emissions per Table 1 be confirmed prior to extraction within Phase 3 and again prior to extraction within Phase 4.

Closure

Aeroustics generally agrees with the conclusion of the Theakston report, provided the above points are addressed.

Yours truly,

AERCOUSTICS ENGINEERING LIMITED



Nicholas Sylvestre-Williams, M.Eng., P.Eng.