



BURNSIDE

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April 8, 2014

Via: Email (spersaud@tiny.ca) and Original Mailed

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

Dear Shawn:

**Re: Township of Tiny
K.J. Beamish Pit License Expansion Peer Review
Official Plan and Zoning Amendments
12/D09 and 12/D14 Roll #1-029-00
File No. 300031221.0000**

As requested, we have reviewed the previous documents submitted, our peer review comments and the proponent's responses for the proposed K.J. Beamish Construction Company Limited Aggregate Pit Expansion (Sibthorpe Pit), located at 2 Darby Road (North Part Lot 80, Concession 1 Old Survey), north of Waverly in the Township of Tiny.


Attached to this letter is a table summarizing the items to be incorporated into the site plan and operational plan for the proposed pit. We have indicated the points to be addressed and the relevant source documents. We have not provided exact wording or complete detail for each item. Reference should be made to the source documents for more detail. Any understandings resulting from direct communications between sub-consultants, which are not documented in formal correspondence, should also be incorporated into the final submission.

Upon completion, the revised drawings should be resubmitted for review to ensure conformity with the recommendations and commitments made.

We trust the enclosed information will be of assistance. Should you have any questions, please call our office.

Yours truly,

R.J. Burnside & Associates Limited



Ron Kerr, MPA, P.Eng.
RK:sj

Enc.

140408 Persaud Beamish Site Plan Comments
2014-04-08 3:12 PM

Comment – From/Date	Comment – Content Description	Additions to Operation Plan
Aeroustics, September 13, 2013	Revised OP to be provided and must include information from revised acoustic assessment report, prepared by Theakston Environmental, dated June 18, 2013.	<ul style="list-style-type: none"> • Operations Plan (OP) must be revised to incorporate findings of revised acoustic assessment report. • Revised OP to be reviewed by Aeroustics.
Aeroustics, August 8, 2013 Revised Acoustic Assessment Report, Theakston Environmental, June 18, 2013	Comment letter with 13 comments.	<ul style="list-style-type: none"> • Mitigating measures from Section 7 of revised report to be incorporated into OP. • Drawings to show taper of 10 m berm into 5 m berm. • OP to include setback distance for equipment (loaders/crushers). • Hours of operation need to reflect sound level limits at different times of the day (i.e. nighttime limits between 6 a.m. – 7 a.m. – this needs to be added to the OP). • Minimum/maximum lift heights need to reflect model. Is 10 m lift actually a minimum vs maximum lift height? (Item #2 in Section 7 list). • Item #6 of Section 7 list to note a screening plant cannot operate in conjunction with 3 loaders and crushing operations.
Aeroustics, May 7, 2013	Comment letter with 6 comments.	<ul style="list-style-type: none"> • OP should include a comprehensive equipment list that details types of equipment, number of equipment or equipment combinations allowed at one time, and maximum allowable noise emissions (as per Table 1 in acoustic assessment report) with detail on noise control features (berm construction and phasing). • Any restrictions in number of loaders in operation at one time. • Two pits can be mined simultaneously but only with one active face.

Summary of Comments on the K.J. Beamish Pit License Expansion Peer Review, Sibthorpe Pit
File No. 300031221.0000

Comment – From/Date	Comment – Content Description	Additions to Operation Plan
<p>Ross Campbell, October 11, 2012</p> <p>Burnside October 9, 2012 and September 13, 2012</p>	<ul style="list-style-type: none"> Email from Ross Campbell (Proponent hydrologist). Comment letter from Burnside. 	<ul style="list-style-type: none"> Test pits will be used instead of monitoring wells. A minimum of three (3) test pits are to be dug close to the active face. Test pits to be 2 m deep from pit floor, left open during active phase, and filled in as extraction area moves. The pits will be left open to ensure 1.5 m buffer is maintained between water table and pit floor at all times. Test pits will be used to determine water level in the northern part of the site where existing water table information does not exist. Three (3) test pits should be constructed after each lift has been extracted. Test pits should be used to monitor seasonal water level variations. Mitigating measures regarding interference – i.e. Cedarhurst notified immediately and investigation undertaken if interference is suspected.
<p>Burnside, May 30, 2012</p>	<p>Comment letter with noise assessment, hydrogeological and general site plan/drawings comments. Noise and hydro-g comments superseded by later comments/letters/submissions.</p>	<ul style="list-style-type: none"> Need to clearly identify limits on quantities from each pit and for each type of material. This should be a condition of the pit license and Site Plan Agreement. There should be a registered easement on access to Sibthorne pit through Teedon Pit to ensure future access and maintenance responsibilities. Identify limits in stockpile area in Phase 1. Revise note #6 to say drainage in undisturbed areas will be largely unchanged. Excavated area drainage will be directed to the pit floor. Indicate known static water levels in all cross sections. Indicate maximum/minimum water elevations for all existing ponds.