

**K.J. Beamish Construction Co. Limited**

**Proposed Pit License Application  
Pit Expansion**

**Public Meeting – January 26, 2015**

**Les C. Selby Consulting Services**

# Application Details

- **Location**- Part Lot 80, Conc.1, Old Survey & Part of the Original Road allowance Between Lots 80 & 81, Conc. 1, Tiny Twp., Simcoe County
- **License Application**- Class A, 600,000 tonnes, category 3, above water table, expansion of existing aggregate operation
- **Applicant**- K.J. Beamish Construction Co. Limited, (Cedarhurst Quarries & Crushing Limited)
- **Site** -Proposed pit licenced area: 42.6 ha, extraction area 30 ha., abutts licensed pit to the south; adjacent to Darby Road, not an isolated pit operation

# Application Details

## Operational Details:

- Pit expansion, above water table; no new pit entrance, through existing pit, maximum of 600,000 tonnes for both pits, no additional tonnage increase in aggregate transport unto Darby Road, 3 operational phases, no bldgs. / scrap
- use existing haul route - Darby Road to Hwy. 93, same truck traffic volumes, berms, 110 m. setback from Road, significant woodlands protected from base of slope to western boundary

## Technical Reports/Assessments :

- \*Acoustic, \*Natural Environment, \*Hydrogeological, Silvicultural Prescription and Tree Planting Prescription, Archaeological, Planning Report, Summary Statement Report, License Site Plans

\* Reports peer reviewed & approved

# Application Details

## Technical Report Summaries:

- Acoustic Assessment:
  - Meet MOE Guidelines, findings: sound emissions within MOE guidelines provided remedial measure implemented:
  - Face ridges on each lift maintained to limit extraction noises; berms constructed for crushing operations; east end, near Darby Road a 10 m. high berm; crushing plant & equipment restrictions in phase 3; resident concerns require response by company & MOE; additional monitoring & remedial measures may occur.
  - Noise mitigation measures (10 conditions) on site plans
  - Township peer review approval
- \* Site plan reflects requirements of peer review recommendations

# Application Details

## **Natural Environment (NE) :**

- **Area of Extraction: no provincially significant wetlands, no watercourses, SAR, ANSI's, no fisheries habitat, no significant wintering areas for deer, no turtles or snakes**
- **Significant woodlands protected (10.65 ha) – west end, compensation planting on Teedon pit (5.2 ha), rehabilitation primarily to reforestation**

**\* NE Report approved by peer review consultant, Severn Sound Environmental Association (SSEA)**

# Application Details

- **Natural Environment Report:** site plan conditions, tree cutting between Sept.1 – April 15; avoid key bird breeding periods; implement Tree Planting Agrmt. with Twp., proposal-plant Teedon Pit blocks
- **Hydrological Assessment:** operations 1.5 m's above water table; requirement of 3 test holes dug / lift, no dewatering, no affect on ground water flow or local wells; peer review approval
- **Archaeological Assessment:** no historic resources found, no concerns, Ministry of Culture approval

# Application Details

- **Traffic Considerations:** Use existing haul route re: Darby Road; material haulage through licensed pit; same entrance; no truck traffic increase anticipated, same tonnage limit, Darby Road maintained by licensee
- **Operational Details:** operational hours M-F: 6 am – 7pm, Sat. 7am – noon, no operations Sunday; standard pit equipment
- **Rehabilitation:** 30 ha , progressive rehabilitation requirements, overburden & topsoil replaced, grading/seeding, 26.6 ha reforested, 3.6 ha agricultural use, compensation planting on Teedon pit blocks

# Summary

- **Rezoning & OPA required**
- **Planning Compatibility- with Simcoe County OP policies; compliance with general intent & policies Tiny Twp. OP**
- **PPS conformity- Mineral Resources, Building Strong Communities, Growth Plan**
- **Peer reviews satisfactorily signed off**
- **Resident Considerations: Noise levels within MOE guidelines, berm construction; no affect on water table, same pit entrance & haul route on Darby Road, rehabilitation to reforestation and agriculture**
- **Non isolated land use- pit expansion**



# Summary

- **Extensive technical report production, 2 year peer review process, discussions, new site plan conditions resulted and satisfactory sign offs**
- **Applicant respectfully seeks Municipal approval of Zoning By- law & OP amendments**