



Licence 3BM-CLY0308/Amendment No.1

Canada's document entitled *Environmental Guidelines for Pits and Quarries*, 1982.

PART II: CONDITIONS APPLYING TO THE MONITORING PROGRAM

Amend Item 1 The Licensee shall maintain Monitoring Program Stations and implement the Program as described in Schedule I attached to this Licence and conditions under this Part.

Amend Item 2 The Licensee shall sample water quality at Monitoring Program Stations CLY-4, CLY-5, CLY-6a, CLY-6b and CLY-7 three (3) times annually: once upon commencement, once approximately mid-way through discharge, and once prior discharge ending. Samples shall be analyzed for the following parameters:

- | | |
|--|----------------------------|
| Biochemical Oxygen Demand – BOD ₅ | Faecal Coliforms |
| Total Suspended Solids | pH |
| Conductivity | Nitrate-Nitrite |
| Oil and Grease (visual) | Total Phenols |
| Magnesium | Calcium |
| Sodium | Potassium |
| Chloride | Sulphate |
| Total Hardness | Total Alkalinity |
| Aminonia Nitrogen | Total Zinc |
| Total Cadmium | Total Iron |
| Total Cobalt | Total Manganese |
| Total Chromium | Total Nickel |
| Total Copper | Total Lead |
| Total Aluminum | Total Arsenic |
| Total Mercury | Total Organic Carbon (TOC) |

Amend Item 3 The Licensee shall measure and record in cubic metres, the monthly and annual quantities of water pumped from Monitoring Program Station CLY-1 for all purposes and effluent pump from Monitoring Program Stations CLY-4 and CLY-5.

Amend Item 4 The Licensee shall measure and record, in cubic metres, the monthly and annual quantities of raw sewage offloaded from trucks at Monitoring Program Stations CLY-3a and CLY-3b.

Amend Item 6 The Licensee shall, within sixty (60) days of Licence issuance, submit to the Analyst for approval, a Quality Assurance/ Quality Control (QA/QC) Plan, which